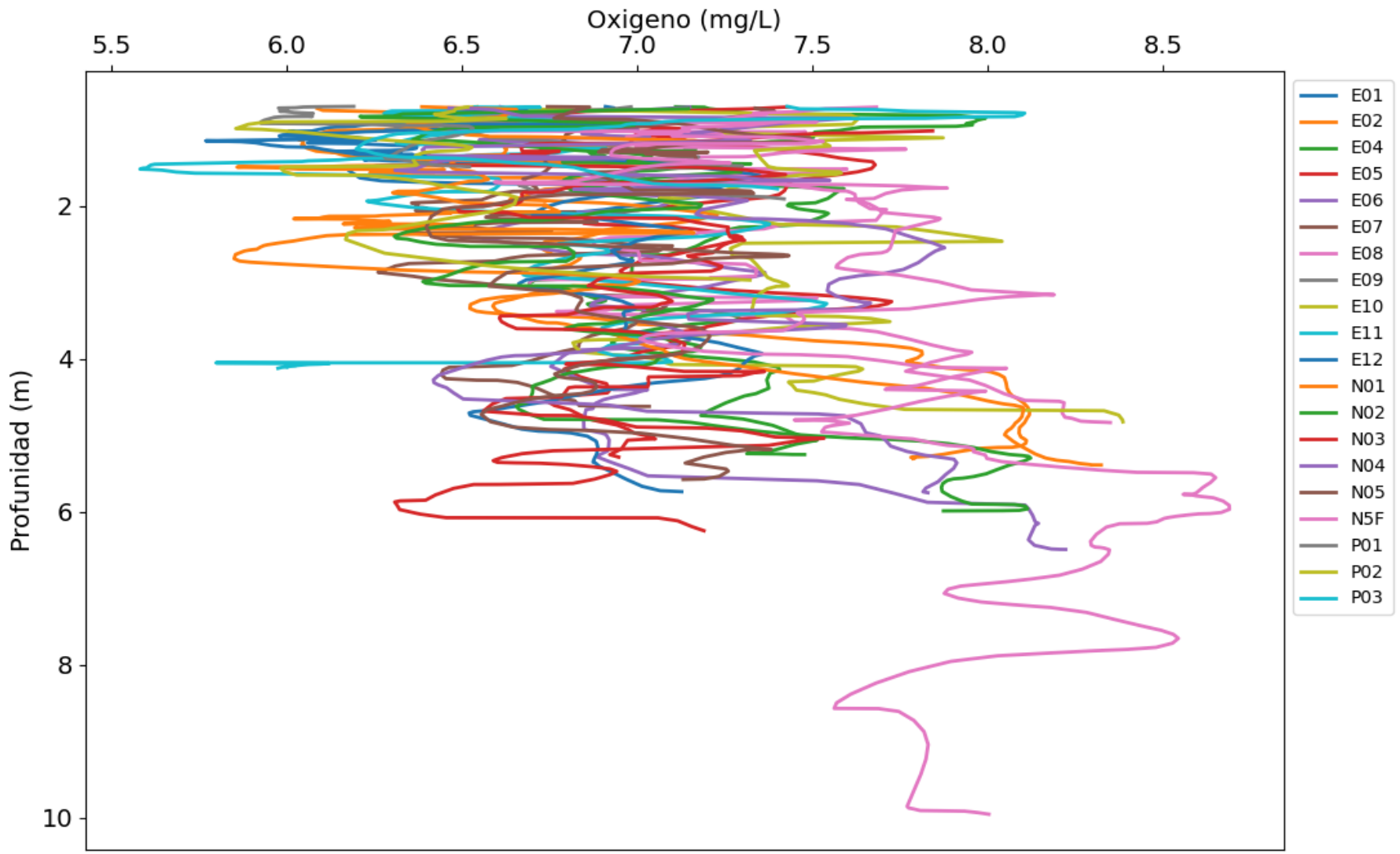
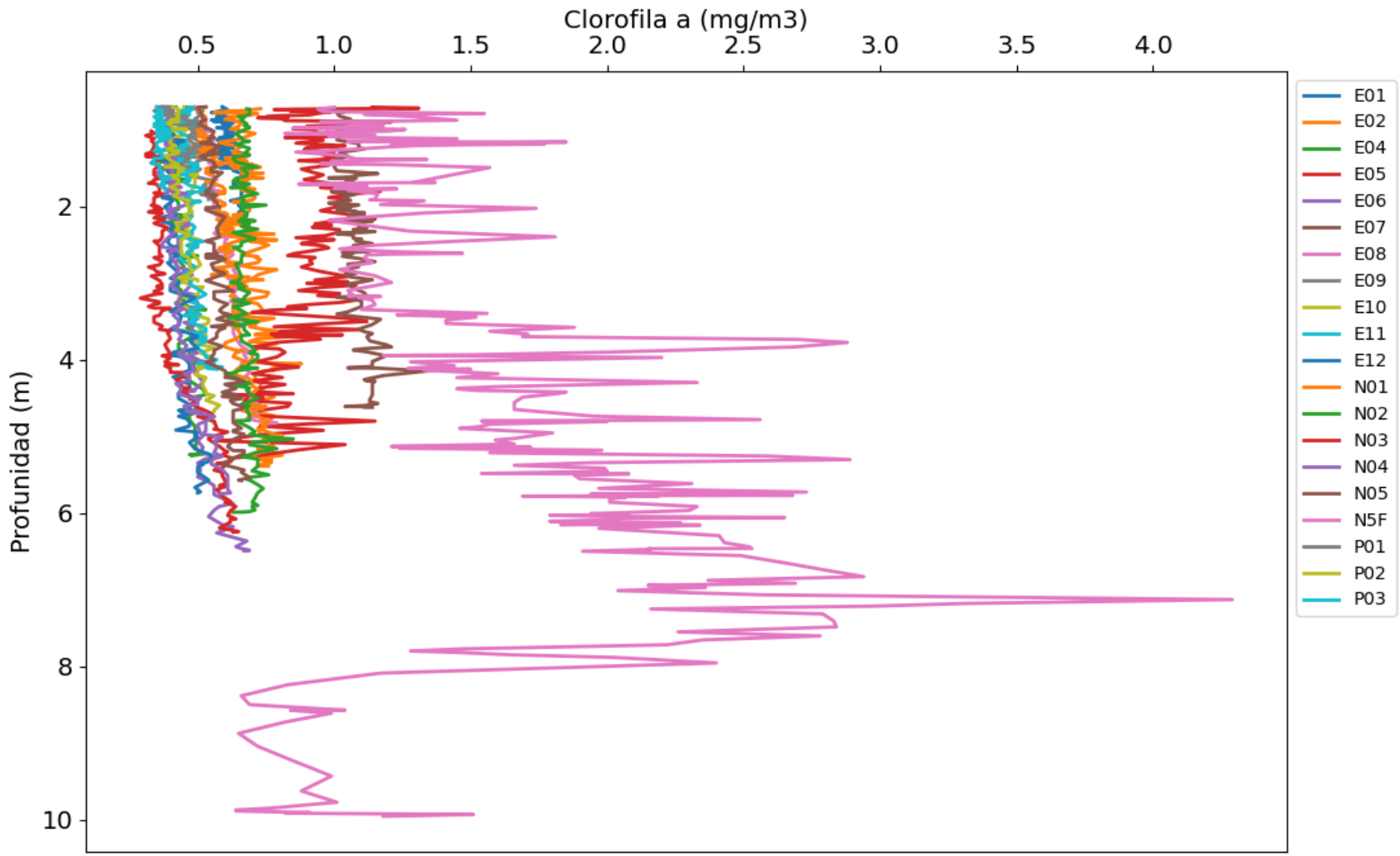
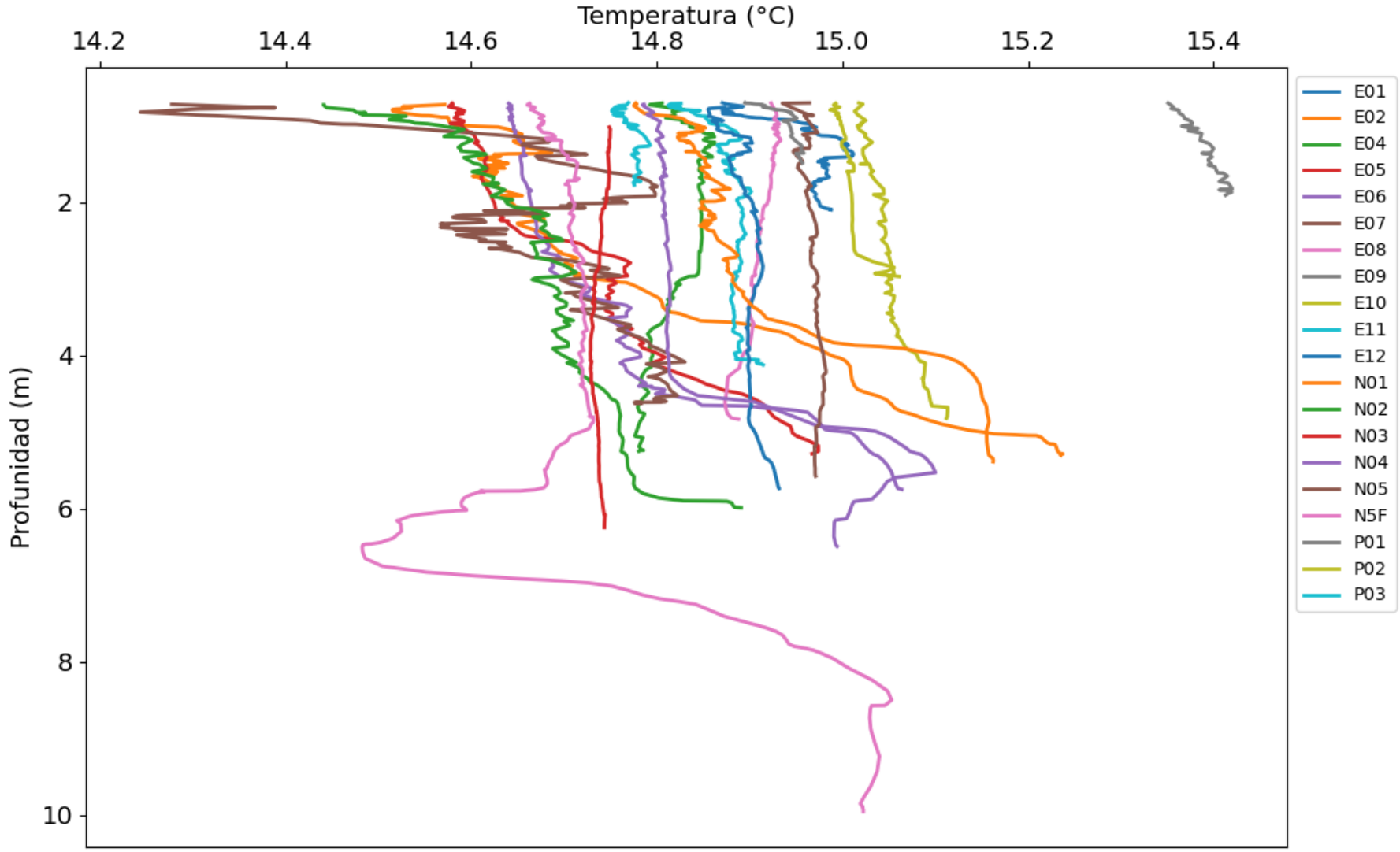
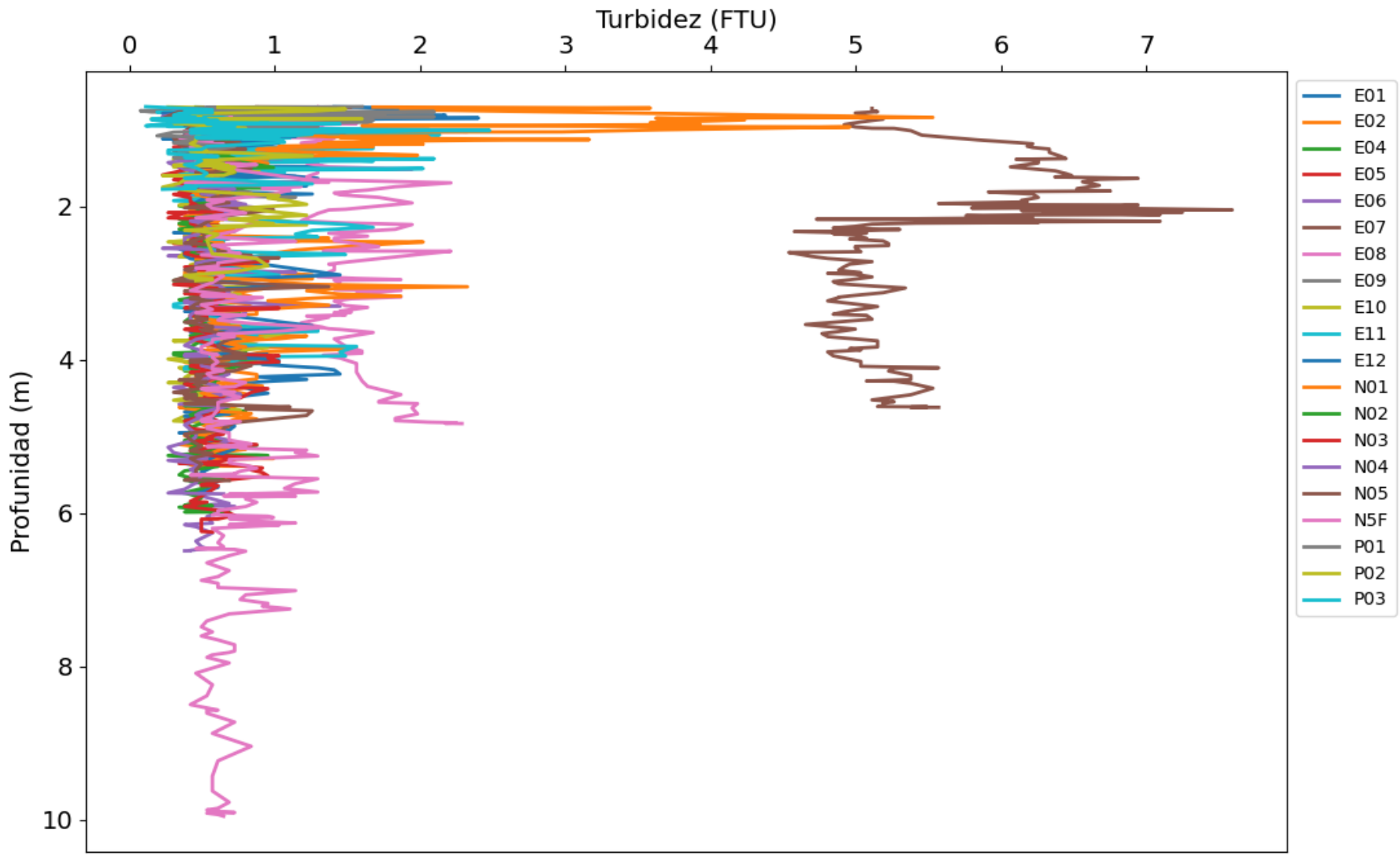
**FICHA GENERAL DE MUESTREOS PARA OXÍGENO, TURBIDEZ, CLOROFILA Y TEMPERATURA** **FECHA: 20240313**

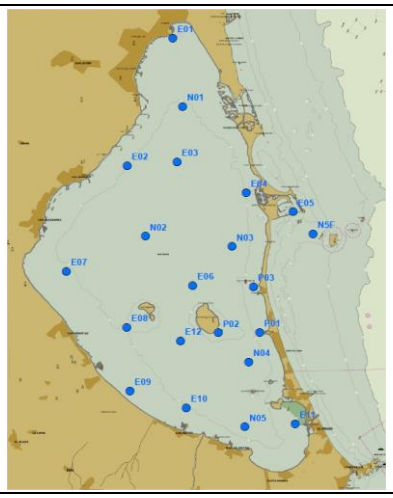


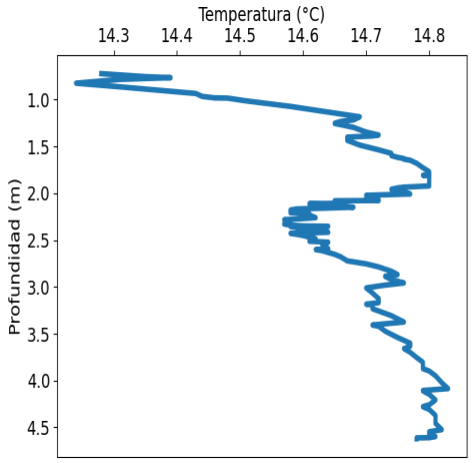

Clorofila a (mg/m3)
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Profunidad (m)
2
4
6
8
10
E01
E02
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

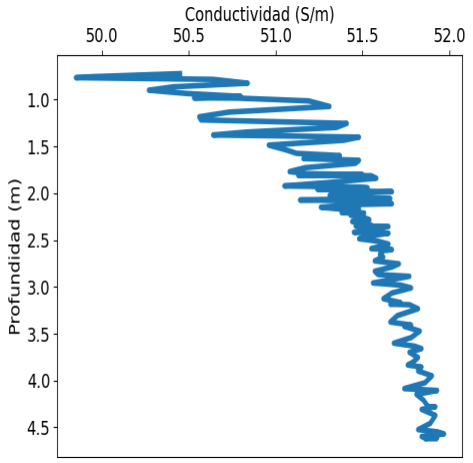

Temperatura (°C)
14.2
14.4
14.6
14.8
15.0
15.2
15.4
Profunidad (m)
2
4
6
8
10
E01
E02
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

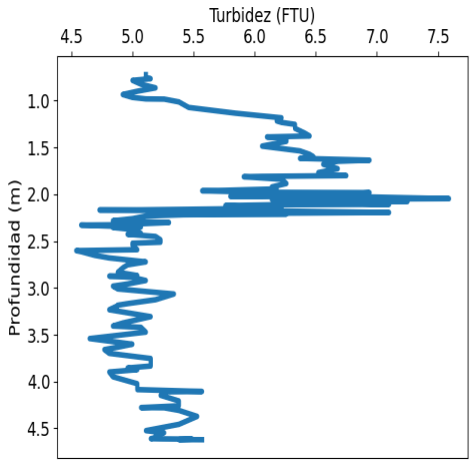

Turbidez (FTU)
0
1
2
3
4
5
6
7
Profunidad (m)
2
4
6
8
10
E01
E02
E04
E05
E06
E07
E08
E09
E10
E11
E12
N01
N02
N03
N04
N05
N5F
P01
P02
P03

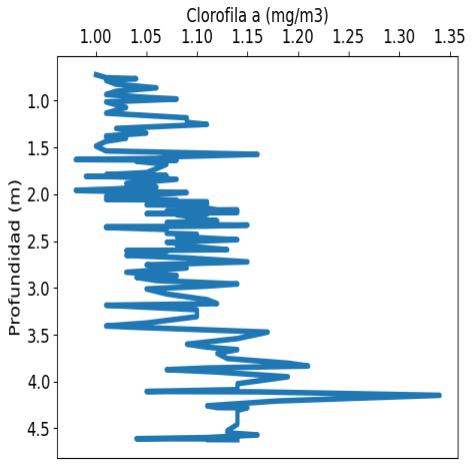
**Nombre: CTD E07 - Punto 001** **Fecha: 13/03/2024** **Hora: 08:03:49**

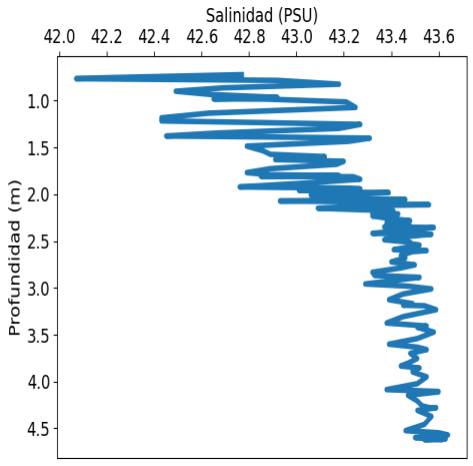


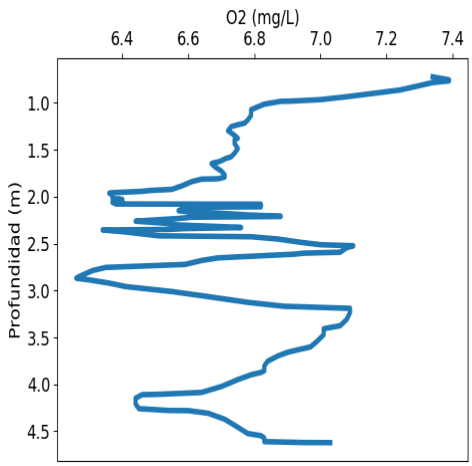



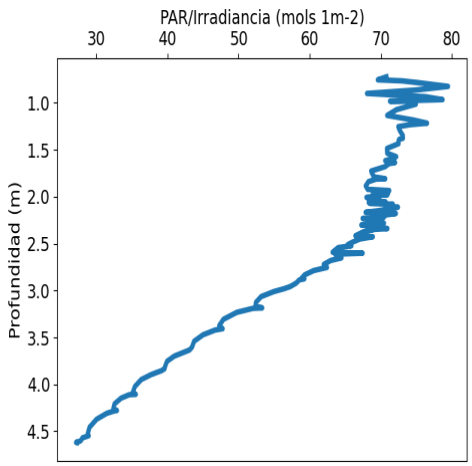




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.24 | 49.85 | 4.54 | 6.26 | 27.14 | 0.98 | 42.07 |
| **PROF (metros)** | 0.825 | 0.766 | 2.602 | 2.868 | 4.62 | 1.63 | 0.766 |
| **MÁXIMO** | 14.83 | 14.83 | 7.59 | 7.39 | 79.47 | 1.34 | 43.64 |
| **PROF (metros)** | 4.086 | 4.57 | 2.047 | 0.755 | 0.825 | 4.147 | 4.57 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E07 - Punto 001 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.37 | 50.46 | 5.09 | 7.18 | 73.82 | 1.03 | 42.67 |
| 1 - 2m | 14.73 | 51.22 | 6.27 | 6.66 | 71.24 | 1.04 | 43.0 |
| 2 - 3m | 14.65 | 51.52 | 5.48 | 6.59 | 66.81 | 1.08 | 43.38 |
| 3 - 4m | 14.75 | 51.77 | 4.97 | 6.9 | 45.29 | 1.1 | 43.5 |
| 4 - 5m | 14.8 | 51.88 | 5.29 | 6.7 | 30.73 | 1.14 | 43.55 |

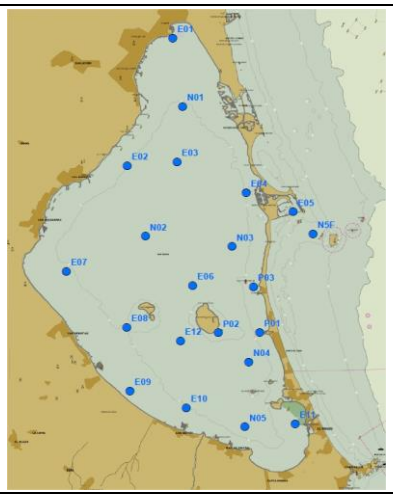
| OBSERVACIONES GENERALES |
|---|
| |

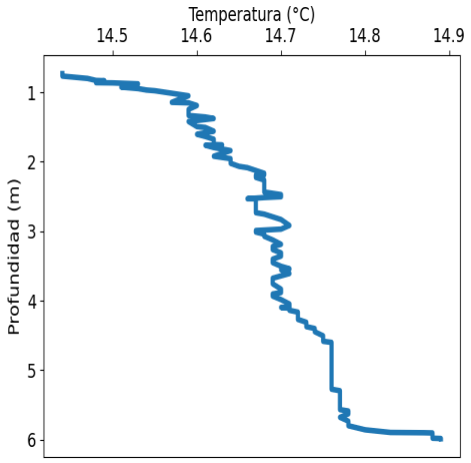
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.723 | 14.28 | 50.45 | 5.11 | 7.34 | 70.8 | 1.0 | 42.77 |
| 0.755 | 14.35 | 49.95 | 5.11 | 7.39 | 69.57 | 1.01 | 42.21 |
| 0.766 | 14.39 | 49.85 | 5.15 | 7.39 | 72.99 | 1.04 | 42.07 |
| 0.784 | 14.31 | 50.64 | 5.0 | 7.34 | 75.13 | 1.01 | 42.92 |
| 0.825 | 14.24 | 50.84 | 5.07 | 7.29 | 79.47 | 1.02 | 43.18 |
| 0.864 | 14.31 | 50.41 | 5.19 | 7.24 | 74.87 | 1.06 | 42.69 |
| 0.9 | 14.37 | 50.27 | 5.04 | 7.16 | 68.05 | 1.02 | 42.49 |
| 0.935 | 14.43 | 50.49 | 4.92 | 7.08 | 76.27 | 1.01 | 42.64 |
| 0.966 | 14.44 | 50.8 | 5.0 | 7.0 | 78.7 | 1.05 | 42.92 |
| 0.982 | 14.46 | 50.53 | 5.11 | 6.91 | 71.28 | 1.08 | 42.65 |
| 0.984 | 14.48 | 50.78 | 5.26 | 6.88 | 74.92 | 1.08 | 42.87 |
| 1.014 | 14.51 | 51.19 | 5.38 | 6.83 | 74.94 | 1.01 | 43.21 |
| 1.073 | 14.58 | 51.31 | 5.46 | 6.79 | 72.2 | 1.03 | 43.25 |
| 1.134 | 14.64 | 50.73 | 5.84 | 6.79 | 70.89 | 1.01 | 42.63 |
| 1.184 | 14.69 | 50.56 | 6.22 | 6.78 | 74.63 | 1.09 | 42.43 |
| 1.217 | 14.68 | 50.57 | 6.18 | 6.77 | 76.52 | 1.09 | 42.43 |
| 1.233 | 14.66 | 50.94 | 6.22 | 6.75 | 74.11 | 1.09 | 42.81 |
| 1.254 | 14.65 | 51.41 | 6.33 | 6.73 | 72.46 | 1.11 | 43.27 |
| 1.297 | 14.68 | 51.35 | 6.33 | 6.72 | 72.68 | 1.02 | 43.18 |
| 1.347 | 14.7 | 50.83 | 6.41 | 6.74 | 73.1 | 1.05 | 42.66 |
| 1.378 | 14.72 | 50.64 | 6.45 | 6.75 | 73.12 | 1.01 | 42.45 |
| 1.388 | 14.71 | 51.05 | 6.1 | 6.74 | 72.6 | 1.01 | 42.86 |
| 1.401 | 14.67 | 51.48 | 6.26 | 6.74 | 72.5 | 1.03 | 43.31 |
| 1.435 | 14.67 | 51.39 | 6.26 | 6.74 | 72.51 | 1.01 | 43.22 |
| 1.486 | 14.69 | 50.96 | 6.06 | 6.75 | 70.87 | 1.0 | 42.79 |
| 1.537 | 14.72 | 51.06 | 6.37 | 6.74 | 70.9 | 1.01 | 42.86 |
| 1.574 | 14.74 | 51.12 | 6.45 | 6.73 | 72.18 | 1.16 | 42.89 |
| 1.598 | 14.74 | 51.37 | 6.48 | 6.71 | 71.48 | 1.08 | 43.12 |
| 1.617 | 14.75 | 51.33 | 6.37 | 6.7 | 70.61 | 1.06 | 43.08 |
| 1.63 | 14.76 | 51.16 | 6.75 | 6.69 | 71.13 | 0.98 | 42.91 |
| 1.636 | 14.76 | 51.28 | 6.94 | 6.68 | 72.03 | 1.08 | 43.02 |
| 1.648 | 14.77 | 51.48 | 6.68 | 6.67 | 71.17 | 1.04 | 43.2 |
| 1.68 | 14.78 | 51.46 | 6.56 | 6.68 | 70.61 | 1.07 | 43.17 |
| 1.727 | 14.79 | 51.17 | 6.68 | 6.7 | 68.64 | 1.06 | 42.89 |
| 1.769 | 14.8 | 51.08 | 6.52 | 6.71 | 68.88 | 1.05 | 42.79 |
| 1.791 | 14.8 | 51.18 | 6.52 | 6.71 | 69.1 | 1.01 | 42.88 |
| 1.801 | 14.8 | 51.5 | 6.75 | 6.7 | 70.05 | 1.07 | 43.18 |

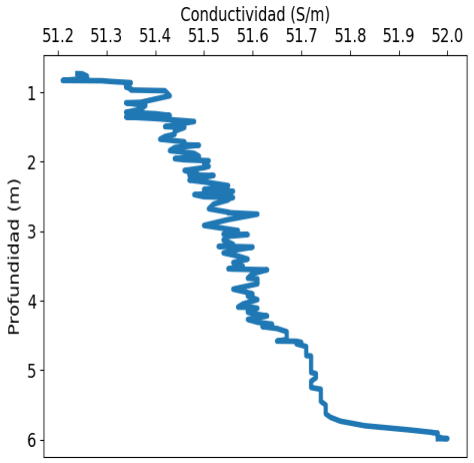
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.809 | 14.79 | 51.13 | 6.06 | 6.69 | 70.64 | 0.99 | 42.85 |
| 1.813 | 14.8 | 51.55 | 5.91 | 6.64 | 69.34 | 1.02 | 43.24 |
| 1.84 | 14.8 | 51.58 | 6.22 | 6.61 | 68.27 | 1.08 | 43.27 |
| 1.885 | 14.8 | 51.31 | 6.26 | 6.58 | 67.88 | 1.03 | 43.01 |
| 1.922 | 14.8 | 51.05 | 6.14 | 6.55 | 68.16 | 1.06 | 42.76 |
| 1.935 | 14.76 | 51.49 | 6.14 | 6.48 | 71.2 | 1.03 | 43.22 |
| 1.943 | 14.75 | 51.53 | 6.18 | 6.46 | 69.37 | 1.02 | 43.27 |
| 1.958 | 14.74 | 51.24 | 5.76 | 6.37 | 71.05 | 0.98 | 43.01 |
| 1.963 | 14.75 | 51.37 | 5.57 | 6.36 | 68.89 | 0.99 | 43.12 |
| 1.979 | 14.76 | 51.53 | 6.06 | 6.37 | 70.95 | 1.08 | 43.26 |
| 1.983 | 14.76 | 51.67 | 6.94 | 6.37 | 70.17 | 1.09 | 43.39 |
| 2.008 | 14.77 | 51.33 | 6.71 | 6.37 | 67.97 | 1.05 | 43.06 |
| 2.022 | 14.7 | 51.31 | 5.8 | 6.37 | 69.26 | 1.01 | 43.11 |
| 2.023 | 14.71 | 51.31 | 6.52 | 6.39 | 69.58 | 1.03 | 43.1 |
| 2.03 | 14.71 | 51.41 | 6.98 | 6.4 | 69.84 | 1.05 | 43.19 |
| 2.047 | 14.71 | 51.46 | 7.59 | 6.4 | 68.96 | 1.06 | 43.25 |
| 2.056 | 14.7 | 51.66 | 6.14 | 6.37 | 70.69 | 1.01 | 43.46 |
| 2.062 | 14.7 | 51.41 | 6.64 | 6.37 | 68.29 | 1.08 | 43.21 |
| 2.072 | 14.72 | 51.14 | 7.13 | 6.38 | 68.48 | 1.08 | 42.93 |
| 2.078 | 14.72 | 51.39 | 7.25 | 6.38 | 70.56 | 1.07 | 43.18 |
| 2.08 | 14.65 | 51.55 | 6.29 | 6.82 | 71.7 | 1.11 | 43.4 |
| 2.108 | 14.65 | 51.55 | 7.1 | 6.82 | 70.7 | 1.11 | 43.4 |
| 2.112 | 14.61 | 51.67 | 6.18 | 6.63 | 72.43 | 1.05 | 43.56 |
| 2.121 | 14.65 | 51.45 | 5.76 | 6.59 | 71.84 | 1.1 | 43.31 |
| 2.149 | 14.68 | 51.26 | 6.22 | 6.57 | 69.74 | 1.11 | 43.09 |
| 2.167 | 14.59 | 51.36 | 5.04 | 6.61 | 67.86 | 1.12 | 43.29 |
| 2.168 | 14.59 | 51.48 | 4.73 | 6.65 | 69.37 | 1.14 | 43.4 |
| 2.179 | 14.58 | 51.48 | 6.22 | 6.71 | 72.13 | 1.07 | 43.41 |
| 2.195 | 14.58 | 51.38 | 7.1 | 6.78 | 70.69 | 1.14 | 43.32 |
| 2.208 | 14.58 | 51.38 | 5.42 | 6.88 | 69.55 | 1.05 | 43.32 |
| 2.211 | 14.59 | 51.51 | 6.26 | 6.88 | 70.4 | 1.11 | 43.43 |
| 2.219 | 14.61 | 51.49 | 5.42 | 6.61 | 70.46 | 1.08 | 43.39 |
| 2.232 | 14.61 | 51.43 | 5.11 | 6.57 | 67.44 | 1.09 | 43.32 |
| 2.261 | 14.62 | 51.51 | 5.0 | 6.44 | 70.07 | 1.09 | 43.4 |
| 2.283 | 14.57 | 51.54 | 4.84 | 6.53 | 70.46 | 1.12 | 43.48 |
| 2.302 | 14.58 | 51.44 | 5.3 | 6.57 | 67.25 | 1.07 | 43.38 |
| 2.326 | 14.57 | 51.5 | 4.88 | 6.75 | 69.36 | 1.08 | 43.44 |
| 2.329 | 14.57 | 51.49 | 4.58 | 6.76 | 69.65 | 1.15 | 43.43 |
| 2.34 | 14.58 | 51.55 | 4.81 | 6.59 | 70.94 | 1.11 | 43.48 |
| 2.349 | 14.6 | 51.46 | 5.07 | 6.54 | 68.99 | 1.01 | 43.37 |
| 2.353 | 14.64 | 51.63 | 4.96 | 6.38 | 68.59 | 1.07 | 43.49 |
| 2.355 | 14.58 | 51.65 | 4.84 | 6.34 | 68.81 | 1.01 | 43.58 |
| 2.376 | 14.6 | 51.6 | 5.0 | 6.41 | 67.52 | 1.07 | 43.51 |
| 2.417 | 14.64 | 51.45 | 5.07 | 6.51 | 66.42 | 1.07 | 43.32 |
| 2.427 | 14.58 | 51.65 | 4.96 | 6.79 | 68.89 | 1.1 | 43.57 |
| 2.451 | 14.6 | 51.56 | 5.19 | 6.87 | 67.07 | 1.08 | 43.47 |
| 2.486 | 14.62 | 51.48 | 5.23 | 6.94 | 65.99 | 1.14 | 43.37 |
| 2.512 | 14.61 | 51.59 | 5.23 | 7.0 | 65.33 | 1.07 | 43.48 |
| 2.523 | 14.64 | 51.61 | 5.0 | 7.1 | 65.88 | 1.08 | 43.47 |
| 2.543 | 14.63 | 51.65 | 5.0 | 7.08 | 64.0 | 1.08 | 43.52 |
| 2.592 | 14.64 | 51.55 | 5.04 | 7.06 | 63.22 | 1.13 | 43.41 |
| 2.602 | 14.62 | 51.67 | 4.54 | 6.95 | 67.46 | 1.03 | 43.55 |
| 2.613 | 14.63 | 51.62 | 4.58 | 6.92 | 63.58 | 1.07 | 43.49 |
| 2.652 | 14.65 | 51.6 | 4.69 | 6.69 | 64.48 | 1.03 | 43.44 |
| 2.68 | 14.66 | 51.62 | 4.81 | 6.64 | 62.97 | 1.09 | 43.46 |
| 2.722 | 14.67 | 51.57 | 5.11 | 6.59 | 61.97 | 1.15 | 43.4 |
| 2.754 | 14.7 | 51.71 | 4.96 | 6.35 | 62.44 | 1.05 | 43.5 |
| 2.787 | 14.72 | 51.67 | 4.92 | 6.31 | 60.58 | 1.09 | 43.44 |

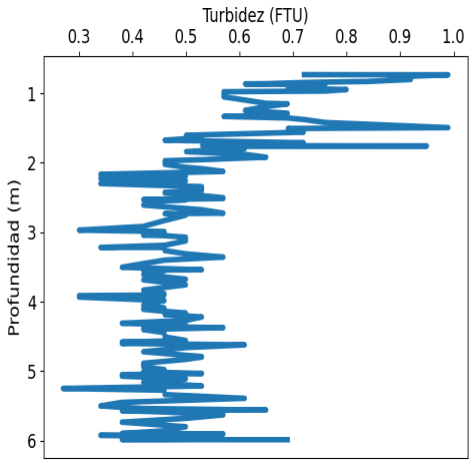
| 2.833 | 14.74 | 51.57 | 4.88 | 6.28 | 59.3 | 1.03 | 43.32 |
|---|---|---|---|---|---|---|---|
| 2.868 | 14.75 | 51.59 | 5.04 | 6.26 | 58.88 | 1.08 | 43.33 |
| 2.874 | 14.74 | 51.65 | 4.81 | 6.27 | 59.27 | 1.08 | 43.4 |
| 2.887 | 14.73 | 51.77 | 5.0 | 6.3 | 58.54 | 1.04 | 43.52 |
| 2.921 | 14.74 | 51.67 | 5.11 | 6.36 | 58.1 | 1.06 | 43.41 |
| 2.958 | 14.76 | 51.56 | 4.96 | 6.41 | 57.26 | 1.14 | 43.29 |
| 2.981 | 14.73 | 51.72 | 4.84 | 6.47 | 56.39 | 1.11 | 43.47 |
| 3.011 | 14.7 | 51.78 | 4.88 | 6.55 | 54.97 | 1.05 | 43.57 |
| 3.065 | 14.71 | 51.67 | 5.34 | 6.66 | 53.17 | 1.07 | 43.45 |
| 3.126 | 14.72 | 51.62 | 5.19 | 6.78 | 52.44 | 1.11 | 43.39 |
| 3.168 | 14.72 | 51.72 | 4.96 | 6.89 | 52.37 | 1.12 | 43.49 |
| 3.185 | 14.7 | 51.66 | 4.88 | 7.05 | 53.34 | 1.01 | 43.45 |
| 3.19 | 14.71 | 51.77 | 4.88 | 7.09 | 52.02 | 1.02 | 43.54 |
| 3.233 | 14.71 | 51.82 | 4.81 | 7.09 | 49.74 | 1.1 | 43.59 |
| 3.307 | 14.74 | 51.7 | 5.15 | 7.08 | 47.87 | 1.1 | 43.45 |
| 3.375 | 14.76 | 51.66 | 4.92 | 7.06 | 47.27 | 1.05 | 43.38 |
| 3.407 | 14.71 | 51.78 | 4.84 | 7.01 | 47.77 | 1.01 | 43.55 |
| 3.421 | 14.72 | 51.74 | 5.07 | 7.01 | 46.71 | 1.04 | 43.51 |
| 3.472 | 14.73 | 51.83 | 5.11 | 7.01 | 45.0 | 1.17 | 43.58 |
| 3.541 | 14.75 | 51.78 | 4.65 | 6.99 | 43.74 | 1.14 | 43.51 |
| 3.601 | 14.77 | 51.68 | 5.0 | 6.97 | 43.47 | 1.09 | 43.39 |
| 3.633 | 14.77 | 51.8 | 4.88 | 6.93 | 43.12 | 1.11 | 43.51 |
| 3.659 | 14.76 | 51.84 | 4.77 | 6.9 | 42.27 | 1.14 | 43.55 |
| 3.699 | 14.77 | 51.77 | 4.81 | 6.87 | 40.96 | 1.12 | 43.48 |
| 3.754 | 14.78 | 51.82 | 5.15 | 6.84 | 39.94 | 1.13 | 43.51 |
| 3.804 | 14.79 | 51.79 | 5.15 | 6.83 | 39.69 | 1.19 | 43.47 |
| 3.834 | 14.79 | 51.76 | 5.15 | 6.83 | 39.59 | 1.21 | 43.44 |
| 3.855 | 14.79 | 51.84 | 4.96 | 6.83 | 39.14 | 1.11 | 43.52 |
| 3.873 | 14.79 | 51.82 | 5.04 | 6.82 | 38.49 | 1.07 | 43.49 |
| 3.898 | 14.8 | 51.82 | 4.81 | 6.79 | 37.65 | 1.12 | 43.49 |
| 3.949 | 14.81 | 51.9 | 4.84 | 6.75 | 36.31 | 1.19 | 43.55 |
| 4.023 | 14.82 | 51.86 | 5.04 | 6.7 | 35.42 | 1.14 | 43.51 |
| 4.086 | 14.83 | 51.74 | 5.04 | 6.64 | 35.12 | 1.14 | 43.38 |
| 4.106 | 14.79 | 51.93 | 5.57 | 6.51 | 35.56 | 1.05 | 43.6 |
| 4.11 | 14.79 | 51.92 | 5.26 | 6.46 | 34.64 | 1.16 | 43.6 |
| 4.147 | 14.8 | 51.81 | 5.23 | 6.44 | 33.48 | 1.34 | 43.47 |
| 4.207 | 14.81 | 51.85 | 5.38 | 6.44 | 32.56 | 1.18 | 43.51 |
| 4.259 | 14.8 | 51.87 | 5.38 | 6.45 | 32.38 | 1.11 | 43.53 |
| 4.278 | 14.79 | 51.88 | 5.07 | 6.54 | 32.91 | 1.12 | 43.56 |
| 4.28 | 14.79 | 51.92 | 5.26 | 6.6 | 32.66 | 1.15 | 43.59 |
| 4.308 | 14.8 | 51.84 | 5.38 | 6.66 | 31.48 | 1.14 | 43.51 |
| 4.372 | 14.81 | 51.92 | 5.53 | 6.71 | 30.03 | 1.14 | 43.57 |
| 4.457 | 14.81 | 51.89 | 5.38 | 6.75 | 29.04 | 1.14 | 43.54 |
| 4.524 | 14.82 | 51.82 | 5.11 | 6.78 | 28.79 | 1.13 | 43.46 |
| 4.547 | 14.8 | 51.93 | 5.26 | 6.82 | 28.93 | 1.13 | 43.6 |
| 4.57 | 14.8 | 51.97 | 5.19 | 6.83 | 28.04 | 1.16 | 43.64 |
| 4.598 | 14.81 | 51.84 | 5.19 | 6.83 | 27.84 | 1.11 | 43.5 |
| 4.61 | 14.8 | 51.89 | 5.15 | 6.83 | 27.55 | 1.04 | 43.55 |
| 4.612 | 14.78 | 51.93 | 5.23 | 6.85 | 27.35 | 1.11 | 43.63 |
| 4.615 | 14.78 | 51.88 | 5.49 | 6.89 | 27.18 | 1.11 | 43.58 |
| 4.62 | 14.78 | 51.86 | 5.38 | 6.95 | 27.14 | 1.11 | 43.54 |
| 4.621 | 14.78 | 51.92 | 5.57 | 7.03 | 27.27 | 1.14 | 43.61 |

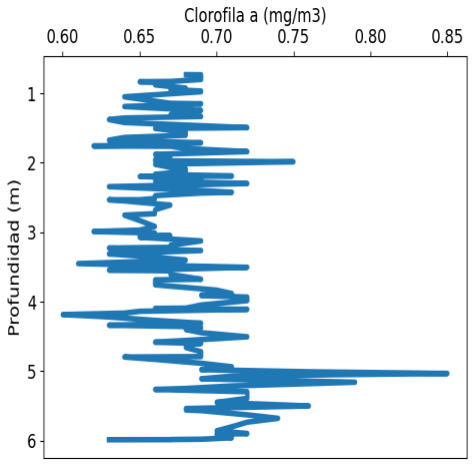
**Nombre: CTD N02 - Punto 002** **Fecha: 13/03/2024** **Hora: 08:03:48**

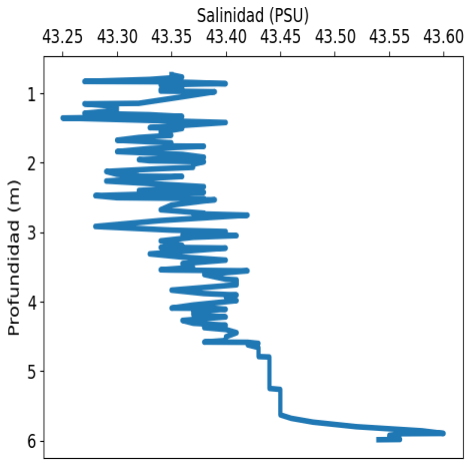


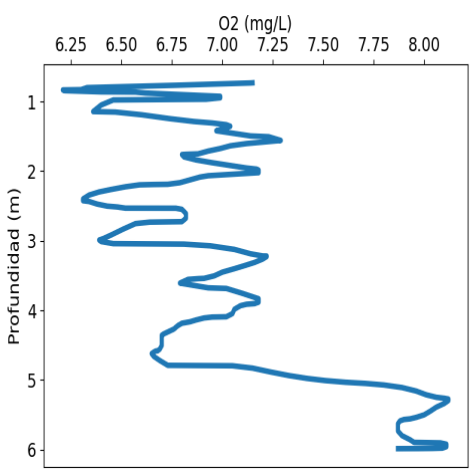



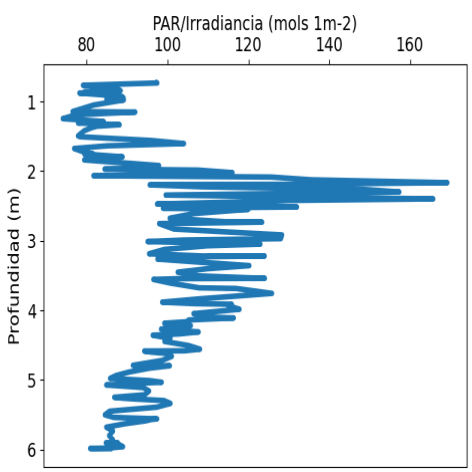




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.44 | 51.21 | 0.27 | 6.21 | 74.06 | 0.6 | 43.25 |
| **PROF (metros)** | 0.73 | 0.828 | 5.249 | 0.832 | 1.245 | 4.185 | 1.354 |
| **MÁXIMO** | 14.89 | 14.89 | 0.99 | 8.12 | 169.21 | 0.85 | 43.6 |
| **PROF (metros)** | 5.984 | 5.984 | 0.732 | 5.274 | 2.165 | 5.033 | 5.897 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD N02 - Punto 002 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.49 | 51.31 | 0.77 | 6.65 | 86.8 | 0.68 | 43.35 |
| 1 - 2m | 14.61 | 51.43 | 0.64 | 6.92 | 84.87 | 0.67 | 43.33 |
| 2 - 3m | 14.68 | 51.52 | 0.47 | 6.6 | 118.75 | 0.67 | 43.35 |
| 3 - 4m | 14.69 | 51.58 | 0.45 | 7.01 | 109.46 | 0.67 | 43.38 |
| 4 - 5m | 14.74 | 51.65 | 0.46 | 6.85 | 100.65 | 0.67 | 43.4 |
| 5 - 6m | 14.8 | 51.81 | 0.46 | 7.95 | 89.88 | 0.71 | 43.48 |

| OBSERVACIONES GENERALES |
|---|
| |

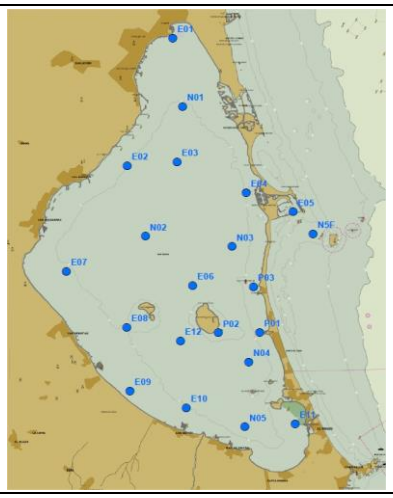
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.73 | 14.44 | 51.24 | 0.72 | 7.15 | 97.42 | 0.68 | 43.35 |
| 0.732 | 14.44 | 51.25 | 0.99 | 7.14 | 97.49 | 0.69 | 43.35 |
| 0.765 | 14.44 | 51.26 | 0.88 | 6.77 | 79.04 | 0.69 | 43.36 |
| 0.799 | 14.47 | 51.26 | 0.92 | 6.33 | 87.65 | 0.69 | 43.33 |
| 0.828 | 14.48 | 51.21 | 0.84 | 6.3 | 81.5 | 0.67 | 43.27 |
| 0.832 | 14.49 | 51.29 | 0.8 | 6.21 | 86.3 | 0.65 | 43.34 |
| 0.843 | 14.48 | 51.31 | 0.72 | 6.22 | 88.43 | 0.67 | 43.37 |
| 0.86 | 14.48 | 51.35 | 0.65 | 6.4 | 79.43 | 0.66 | 43.4 |
| 0.863 | 14.5 | 51.35 | 0.61 | 6.57 | 87.9 | 0.66 | 43.38 |
| 0.877 | 14.53 | 51.34 | 0.76 | 6.62 | 78.17 | 0.66 | 43.34 |
| 0.924 | 14.51 | 51.34 | 0.69 | 6.99 | 88.65 | 0.68 | 43.36 |
| 0.945 | 14.53 | 51.35 | 0.8 | 6.99 | 89.15 | 0.67 | 43.34 |
| 0.966 | 14.54 | 51.35 | 0.76 | 6.92 | 84.85 | 0.69 | 43.34 |
| 0.976 | 14.55 | 51.42 | 0.57 | 6.46 | 89.21 | 0.69 | 43.39 |
| 1.049 | 14.59 | 51.43 | 0.57 | 6.4 | 81.71 | 0.64 | 43.36 |
| 1.143 | 14.57 | 51.37 | 0.65 | 6.36 | 76.48 | 0.67 | 43.32 |
| 1.15 | 14.59 | 51.34 | 0.69 | 6.47 | 92.04 | 0.69 | 43.27 |
| 1.189 | 14.6 | 51.38 | 0.65 | 6.6 | 77.41 | 0.64 | 43.3 |
| 1.245 | 14.59 | 51.37 | 0.61 | 6.74 | 74.06 | 0.69 | 43.3 |
| 1.286 | 14.59 | 51.34 | 0.69 | 6.86 | 84.23 | 0.68 | 43.27 |
| 1.307 | 14.59 | 51.4 | 0.69 | 6.95 | 77.83 | 0.67 | 43.33 |
| 1.332 | 14.59 | 51.43 | 0.57 | 7.02 | 88.18 | 0.69 | 43.36 |
| 1.354 | 14.61 | 51.34 | 0.69 | 7.04 | 82.49 | 0.64 | 43.25 |
| 1.376 | 14.62 | 51.4 | 0.72 | 7.02 | 81.16 | 0.63 | 43.3 |
| 1.419 | 14.59 | 51.48 | 0.76 | 6.97 | 79.36 | 0.64 | 43.4 |
| 1.493 | 14.6 | 51.42 | 0.99 | 7.14 | 77.81 | 0.72 | 43.33 |
| 1.505 | 14.61 | 51.46 | 0.69 | 7.23 | 78.39 | 0.66 | 43.36 |
| 1.558 | 14.62 | 51.44 | 0.72 | 7.29 | 95.81 | 0.68 | 43.34 |
| 1.603 | 14.6 | 51.44 | 0.5 | 7.12 | 104.1 | 0.68 | 43.35 |
| 1.635 | 14.61 | 51.42 | 0.53 | 7.04 | 85.21 | 0.64 | 43.32 |
| 1.674 | 14.62 | 51.41 | 0.46 | 6.99 | 76.86 | 0.63 | 43.3 |
| 1.711 | 14.62 | 51.46 | 0.72 | 6.93 | 78.64 | 0.69 | 43.35 |
| 1.751 | 14.62 | 51.46 | 0.53 | 6.88 | 81.63 | 0.64 | 43.35 |
| 1.757 | 14.63 | 51.47 | 0.95 | 6.82 | 79.43 | 0.62 | 43.35 |
| 1.761 | 14.61 | 51.49 | 0.61 | 6.8 | 81.27 | 0.67 | 43.38 |
| 1.794 | 14.62 | 51.44 | 0.61 | 6.81 | 88.92 | 0.68 | 43.33 |

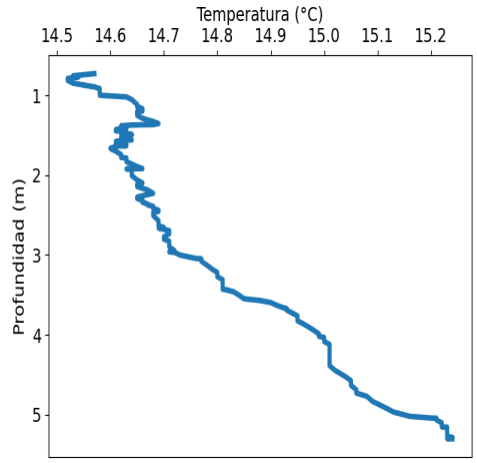
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.838 | 14.64 | 51.43 | 0.5 | 6.87 | 79.34 | 0.72 | 43.3 |
| 1.878 | 14.63 | 51.48 | 0.61 | 6.95 | 88.45 | 0.66 | 43.36 |
| 1.919 | 14.62 | 51.49 | 0.65 | 7.04 | 97.92 | 0.67 | 43.38 |
| 1.954 | 14.64 | 51.44 | 0.53 | 7.12 | 95.66 | 0.66 | 43.32 |
| 1.97 | 14.64 | 51.46 | 0.46 | 7.17 | 84.38 | 0.66 | 43.33 |
| 1.984 | 14.64 | 51.51 | 0.46 | 7.18 | 107.53 | 0.75 | 43.38 |
| 2.021 | 14.64 | 51.5 | 0.46 | 7.18 | 116.08 | 0.66 | 43.37 |
| 2.065 | 14.65 | 51.51 | 0.5 | 6.93 | 81.63 | 0.67 | 43.37 |
| 2.084 | 14.66 | 51.5 | 0.53 | 6.89 | 125.66 | 0.68 | 43.34 |
| 2.124 | 14.67 | 51.46 | 0.57 | 6.84 | 135.61 | 0.68 | 43.29 |
| 2.165 | 14.68 | 51.48 | 0.34 | 6.79 | 169.21 | 0.66 | 43.3 |
| 2.188 | 14.68 | 51.49 | 0.42 | 6.73 | 131.71 | 0.71 | 43.32 |
| 2.191 | 14.67 | 51.47 | 0.5 | 6.66 | 100.15 | 0.71 | 43.31 |
| 2.196 | 14.67 | 51.52 | 0.42 | 6.59 | 95.54 | 0.65 | 43.36 |
| 2.224 | 14.67 | 51.5 | 0.34 | 6.52 | 108.43 | 0.69 | 43.33 |
| 2.262 | 14.68 | 51.47 | 0.5 | 6.45 | 148.44 | 0.66 | 43.29 |
| 2.298 | 14.68 | 51.51 | 0.34 | 6.39 | 157.33 | 0.72 | 43.33 |
| 2.343 | 14.68 | 51.55 | 0.53 | 6.34 | 99.5 | 0.63 | 43.38 |
| 2.398 | 14.68 | 51.5 | 0.53 | 6.31 | 165.72 | 0.69 | 43.32 |
| 2.424 | 14.68 | 51.56 | 0.46 | 6.31 | 123.78 | 0.71 | 43.38 |
| 2.435 | 14.68 | 51.55 | 0.46 | 6.34 | 121.48 | 0.69 | 43.36 |
| 2.472 | 14.7 | 51.48 | 0.53 | 6.38 | 97.36 | 0.66 | 43.28 |
| 2.502 | 14.7 | 51.5 | 0.57 | 6.43 | 126.62 | 0.66 | 43.3 |
| 2.514 | 14.68 | 51.56 | 0.57 | 6.48 | 132.02 | 0.66 | 43.38 |
| 2.531 | 14.66 | 51.55 | 0.42 | 6.52 | 103.0 | 0.65 | 43.38 |
| 2.532 | 14.67 | 51.55 | 0.5 | 6.77 | 98.83 | 0.63 | 43.39 |
| 2.548 | 14.67 | 51.55 | 0.46 | 6.8 | 119.99 | 0.64 | 43.38 |
| 2.608 | 14.67 | 51.52 | 0.42 | 6.82 | 106.57 | 0.67 | 43.35 |
| 2.676 | 14.67 | 51.51 | 0.53 | 6.82 | 100.5 | 0.66 | 43.34 |
| 2.725 | 14.67 | 51.55 | 0.57 | 6.8 | 113.97 | 0.66 | 43.38 |
| 2.732 | 14.67 | 51.55 | 0.46 | 6.64 | 123.41 | 0.66 | 43.37 |
| 2.753 | 14.68 | 51.61 | 0.5 | 6.57 | 97.88 | 0.64 | 43.42 |
| 2.831 | 14.7 | 51.55 | 0.46 | 6.51 | 101.55 | 0.65 | 43.34 |
| 2.916 | 14.71 | 51.5 | 0.42 | 6.45 | 128.34 | 0.66 | 43.28 |
| 2.969 | 14.7 | 51.55 | 0.3 | 6.41 | 128.04 | 0.65 | 43.35 |
| 2.989 | 14.67 | 51.57 | 0.46 | 6.39 | 104.12 | 0.62 | 43.4 |
| 3.011 | 14.67 | 51.56 | 0.46 | 6.4 | 95.02 | 0.66 | 43.4 |
| 3.041 | 14.68 | 51.54 | 0.42 | 6.46 | 115.81 | 0.65 | 43.36 |
| 3.048 | 14.68 | 51.59 | 0.46 | 6.81 | 122.98 | 0.67 | 43.41 |
| 3.072 | 14.68 | 51.55 | 0.5 | 6.94 | 109.77 | 0.65 | 43.37 |
| 3.124 | 14.69 | 51.54 | 0.5 | 7.06 | 99.22 | 0.69 | 43.34 |
| 3.187 | 14.7 | 51.56 | 0.46 | 7.14 | 95.39 | 0.67 | 43.36 |
| 3.218 | 14.69 | 51.53 | 0.34 | 7.2 | 108.59 | 0.67 | 43.34 |
| 3.219 | 14.69 | 51.56 | 0.46 | 7.22 | 124.04 | 0.66 | 43.36 |
| 3.227 | 14.69 | 51.6 | 0.46 | 7.22 | 110.95 | 0.63 | 43.4 |
| 3.263 | 14.69 | 51.57 | 0.46 | 7.2 | 97.47 | 0.69 | 43.37 |
| 3.311 | 14.7 | 51.54 | 0.5 | 7.16 | 108.81 | 0.63 | 43.33 |
| 3.357 | 14.7 | 51.57 | 0.57 | 7.11 | 120.24 | 0.66 | 43.36 |
| 3.401 | 14.69 | 51.59 | 0.46 | 7.06 | 109.93 | 0.68 | 43.4 |
| 3.451 | 14.69 | 51.56 | 0.42 | 7.0 | 102.47 | 0.61 | 43.36 |
| 3.504 | 14.7 | 51.58 | 0.38 | 6.96 | 107.53 | 0.72 | 43.37 |
| 3.54 | 14.71 | 51.55 | 0.53 | 6.91 | 124.09 | 0.66 | 43.34 |
| 3.544 | 14.71 | 51.56 | 0.42 | 6.88 | 102.88 | 0.63 | 43.35 |
| 3.555 | 14.7 | 51.63 | 0.46 | 6.83 | 96.46 | 0.67 | 43.42 |
| 3.608 | 14.71 | 51.6 | 0.42 | 6.79 | 100.68 | 0.67 | 43.38 |
| 3.676 | 14.69 | 51.59 | 0.5 | 6.93 | 107.81 | 0.69 | 43.4 |
| 3.685 | 14.69 | 51.61 | 0.42 | 7.02 | 116.92 | 0.66 | 43.41 |
| 3.756 | 14.69 | 51.61 | 0.5 | 7.1 | 125.86 | 0.66 | 43.41 |

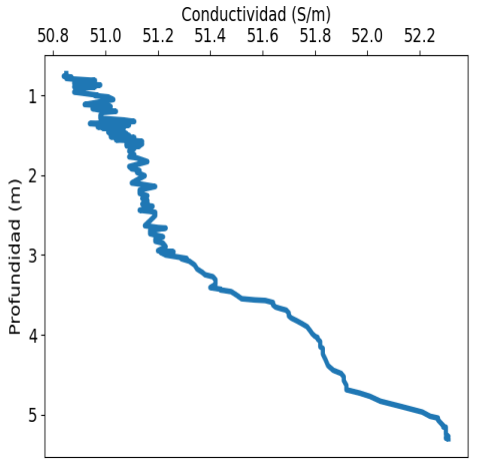
| 3.833 | 14.7 | 51.56 | 0.42 | 7.18 | 108.21 | 0.7 | 43.35 |
|---|---|---|---|---|---|---|---|
| 3.882 | 14.7 | 51.59 | 0.46 | 7.18 | 98.63 | 0.71 | 43.38 |
| 3.903 | 14.69 | 51.6 | 0.46 | 7.16 | 106.54 | 0.69 | 43.41 |
| 3.912 | 14.69 | 51.59 | 0.3 | 7.12 | 115.92 | 0.69 | 43.4 |
| 3.933 | 14.69 | 51.59 | 0.3 | 7.09 | 114.98 | 0.72 | 43.4 |
| 3.984 | 14.7 | 51.61 | 0.46 | 7.06 | 117.82 | 0.72 | 43.41 |
| 4.047 | 14.71 | 51.58 | 0.42 | 7.05 | 106.37 | 0.69 | 43.37 |
| 4.092 | 14.71 | 51.57 | 0.46 | 7.02 | 110.05 | 0.68 | 43.35 |
| 4.096 | 14.7 | 51.6 | 0.42 | 6.95 | 109.77 | 0.66 | 43.39 |
| 4.109 | 14.71 | 51.61 | 0.42 | 6.91 | 116.4 | 0.72 | 43.4 |
| 4.138 | 14.71 | 51.59 | 0.46 | 6.87 | 105.22 | 0.65 | 43.37 |
| 4.164 | 14.72 | 51.59 | 0.5 | 6.84 | 104.63 | 0.64 | 43.37 |
| 4.185 | 14.72 | 51.6 | 0.46 | 6.8 | 99.16 | 0.6 | 43.37 |
| 4.219 | 14.72 | 51.63 | 0.53 | 6.78 | 105.78 | 0.63 | 43.4 |
| 4.269 | 14.72 | 51.59 | 0.5 | 6.76 | 98.35 | 0.66 | 43.36 |
| 4.31 | 14.73 | 51.61 | 0.38 | 6.73 | 107.71 | 0.69 | 43.37 |
| 4.338 | 14.73 | 51.64 | 0.5 | 6.71 | 102.97 | 0.63 | 43.4 |
| 4.357 | 14.73 | 51.63 | 0.42 | 6.7 | 96.3 | 0.68 | 43.38 |
| 4.373 | 14.73 | 51.62 | 0.57 | 6.7 | 97.83 | 0.69 | 43.38 |
| 4.4 | 14.74 | 51.65 | 0.42 | 6.7 | 100.73 | 0.68 | 43.4 |
| 4.446 | 14.74 | 51.67 | 0.46 | 6.7 | 99.2 | 0.69 | 43.41 |
| 4.505 | 14.75 | 51.67 | 0.46 | 6.7 | 105.19 | 0.72 | 43.4 |
| 4.558 | 14.75 | 51.67 | 0.5 | 6.69 | 108.06 | 0.68 | 43.4 |
| 4.581 | 14.75 | 51.65 | 0.38 | 6.68 | 104.2 | 0.66 | 43.38 |
| 4.584 | 14.75 | 51.69 | 0.42 | 6.67 | 94.2 | 0.66 | 43.42 |
| 4.6 | 14.76 | 51.7 | 0.38 | 6.66 | 95.94 | 0.69 | 43.43 |
| 4.621 | 14.76 | 51.69 | 0.61 | 6.65 | 100.22 | 0.68 | 43.42 |
| 4.66 | 14.76 | 51.71 | 0.5 | 6.66 | 101.1 | 0.68 | 43.43 |
| 4.72 | 14.76 | 51.71 | 0.42 | 6.69 | 98.6 | 0.69 | 43.43 |
| 4.79 | 14.76 | 51.71 | 0.53 | 6.73 | 91.39 | 0.69 | 43.43 |
| 4.796 | 14.76 | 51.72 | 0.53 | 7.05 | 100.59 | 0.64 | 43.44 |
| 4.83 | 14.76 | 51.72 | 0.5 | 7.15 | 95.57 | 0.66 | 43.44 |
| 4.886 | 14.76 | 51.72 | 0.42 | 7.24 | 90.5 | 0.69 | 43.44 |
| 4.937 | 14.76 | 51.72 | 0.42 | 7.33 | 87.21 | 0.71 | 43.44 |
| 4.978 | 14.76 | 51.72 | 0.46 | 7.42 | 85.74 | 0.69 | 43.44 |
| 5.009 | 14.76 | 51.72 | 0.42 | 7.51 | 95.54 | 0.76 | 43.44 |
| 5.033 | 14.76 | 51.72 | 0.53 | 7.61 | 98.58 | 0.85 | 43.44 |
| 5.05 | 14.76 | 51.73 | 0.38 | 7.71 | 91.7 | 0.78 | 43.44 |
| 5.072 | 14.76 | 51.73 | 0.38 | 7.8 | 84.81 | 0.71 | 43.44 |
| 5.109 | 14.76 | 51.73 | 0.5 | 7.89 | 93.96 | 0.69 | 43.44 |
| 5.159 | 14.76 | 51.72 | 0.42 | 7.96 | 95.46 | 0.79 | 43.44 |
| 5.213 | 14.76 | 51.72 | 0.53 | 8.01 | 94.31 | 0.71 | 43.44 |
| 5.249 | 14.76 | 51.72 | 0.27 | 8.06 | 86.78 | 0.68 | 43.44 |
| 5.263 | 14.76 | 51.73 | 0.38 | 8.1 | 89.11 | 0.66 | 43.45 |
| 5.274 | 14.76 | 51.74 | 0.46 | 8.12 | 92.0 | 0.68 | 43.45 |
| 5.296 | 14.77 | 51.74 | 0.46 | 8.12 | 99.11 | 0.72 | 43.45 |
| 5.337 | 14.77 | 51.74 | 0.46 | 8.1 | 100.75 | 0.72 | 43.45 |
| 5.391 | 14.77 | 51.74 | 0.61 | 8.06 | 97.33 | 0.72 | 43.45 |
| 5.449 | 14.77 | 51.74 | 0.38 | 8.03 | 85.66 | 0.7 | 43.45 |
| 5.501 | 14.77 | 51.75 | 0.34 | 8.0 | 84.46 | 0.76 | 43.45 |
| 5.538 | 14.77 | 51.75 | 0.42 | 7.96 | 86.66 | 0.68 | 43.45 |
| 5.559 | 14.77 | 51.75 | 0.65 | 7.93 | 97.45 | 0.68 | 43.45 |
| 5.568 | 14.77 | 51.75 | 0.38 | 7.9 | 95.99 | 0.69 | 43.45 |
| 5.588 | 14.78 | 51.75 | 0.46 | 7.88 | 94.55 | 0.7 | 43.45 |
| 5.629 | 14.78 | 51.75 | 0.57 | 7.87 | 89.5 | 0.72 | 43.45 |
| 5.679 | 14.77 | 51.76 | 0.5 | 7.87 | 84.81 | 0.74 | 43.46 |
| 5.734 | 14.78 | 51.78 | 0.38 | 7.87 | 86.54 | 0.72 | 43.48 |
| 5.8 | 14.78 | 51.83 | 0.5 | 7.89 | 85.52 | 0.71 | 43.52 |

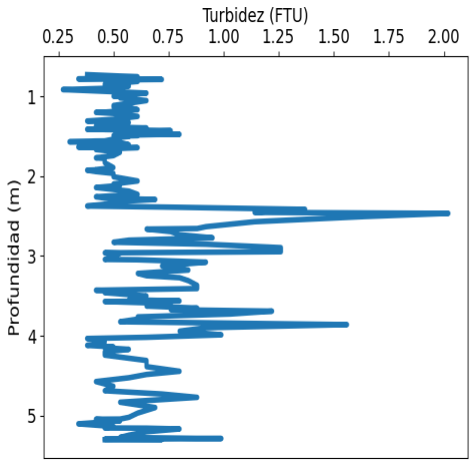
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5.859 | 14.8 | 51.92 | 0.46 | 7.93 | 86.5 | 0.7 | 43.58 |
| 5.897 | 14.83 | 51.97 | 0.38 | 7.95 | 86.24 | 0.72 | 43.6 |
| 5.901 | 14.87 | 51.97 | 0.53 | 8.03 | 87.71 | 0.72 | 43.56 |
| 5.904 | 14.88 | 51.98 | 0.57 | 8.08 | 84.7 | 0.7 | 43.56 |
| 5.923 | 14.88 | 51.98 | 0.34 | 8.11 | 87.86 | 0.7 | 43.55 |
| 5.959 | 14.88 | 51.98 | 0.53 | 8.11 | 89.02 | 0.71 | 43.55 |
| 5.98 | 14.88 | 51.99 | 0.5 | 8.09 | 85.09 | 0.69 | 43.56 |
| 5.984 | 14.89 | 52.0 | 0.38 | 8.04 | 80.82 | 0.67 | 43.56 |
| 5.986 | 14.89 | 52.0 | 0.46 | 7.97 | 81.58 | 0.67 | 43.55 |
| 5.987 | 14.89 | 51.98 | 0.69 | 7.87 | 85.8 | 0.63 | 43.54 |

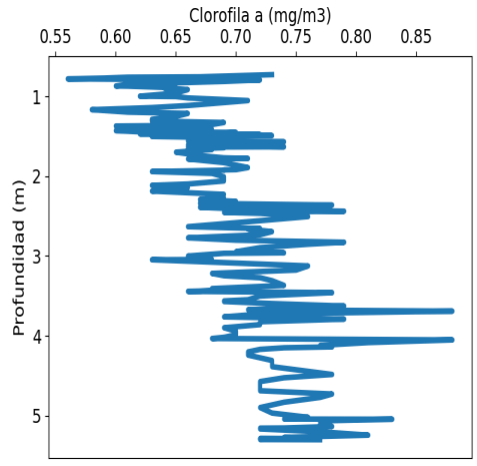
**Nombre: CTD E02 - Punto 003** **Fecha: 13/03/2024** **Hora: 08:03:09**

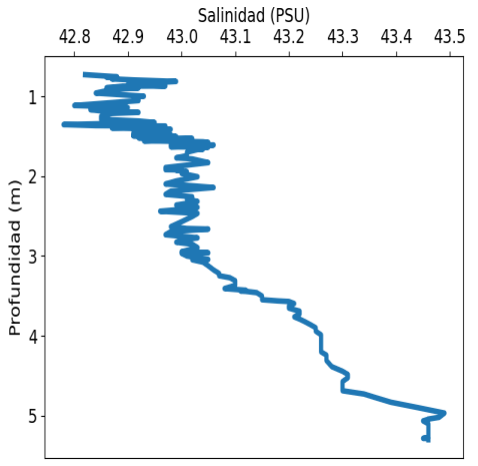


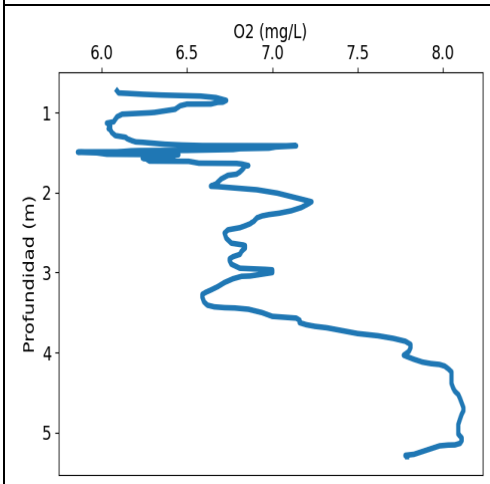



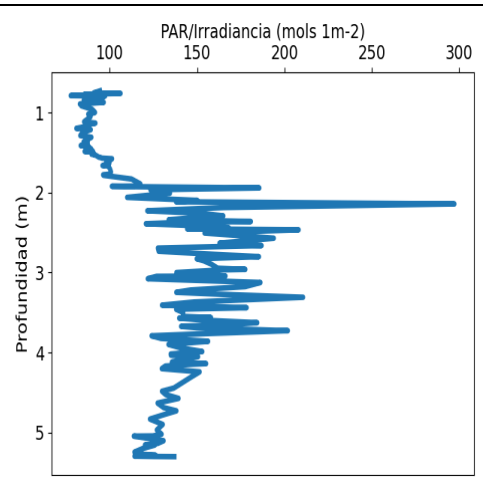




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.52 | 50.84 | 0.27 | 5.86 | 77.65 | 0.56 | 42.78 |
| **PROF (metros)** | 0.786 | 0.758 | 0.913 | 1.493 | 0.786 | 0.779 | 1.352 |
| **MÁXIMO** | 15.24 | 15.24 | 2.02 | 8.12 | 297.33 | 0.88 | 43.49 |
| **PROF (metros)** | 5.286 | 5.274 | 2.465 | 4.689 | 2.141 | 3.691 | 4.969 |

| 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 | 14.55 | 50.89 | 0.51 | 6.44 | 90.32 | 0.64 | 42.89 |
| 1 - 2m | 14.63 | 51.06 | 0.52 | 6.43 | 94.38 | 0.66 | 42.95 |
| 2 - 3m | 14.68 | 51.17 | 0.79 | 6.91 | 159.67 | 0.7 | 43.01 |
| 3 - 4m | 14.86 | 51.53 | 0.74 | 7.07 | 153.86 | 0.71 | 43.15 |
| 4 - 5m | 15.03 | 51.9 | 0.56 | 8.01 | 136.76 | 0.74 | 43.3 |
| 5 - 6m | 15.22 | 52.29 | 0.61 | 7.95 | 123.08 | 0.75 | 43.46 |

| OBSERVACIONES GENERALES |
|---|
| |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.726 | 14.57 | 50.85 | 0.38 | 6.09 | 94.49 | 0.73 | 42.82 |
| 0.753 | 14.53 | 50.85 | 0.61 | 6.1 | 90.8 | 0.67 | 42.88 |
| 0.758 | 14.53 | 50.84 | 0.38 | 6.15 | 106.29 | 0.61 | 42.86 |
| 0.769 | 14.54 | 50.87 | 0.57 | 6.24 | 85.48 | 0.59 | 42.88 |
| 0.779 | 14.53 | 50.85 | 0.34 | 6.35 | 95.77 | 0.56 | 42.87 |
| 0.786 | 14.52 | 50.85 | 0.72 | 6.47 | 77.65 | 0.63 | 42.89 |
| 0.792 | 14.52 | 50.87 | 0.5 | 6.58 | 97.4 | 0.72 | 42.91 |
| 0.811 | 14.52 | 50.96 | 0.61 | 6.67 | 94.49 | 0.69 | 42.99 |
| 0.846 | 14.53 | 50.88 | 0.46 | 6.73 | 85.09 | 0.61 | 42.9 |
| 0.868 | 14.55 | 50.98 | 0.53 | 6.71 | 88.12 | 0.6 | 42.97 |
| 0.87 | 14.55 | 50.9 | 0.57 | 6.68 | 96.68 | 0.61 | 42.89 |
| 0.891 | 14.57 | 50.88 | 0.5 | 6.64 | 82.91 | 0.65 | 42.86 |
| 0.892 | 14.57 | 50.96 | 0.53 | 6.5 | 84.58 | 0.64 | 42.92 |
| 0.913 | 14.58 | 50.9 | 0.27 | 6.46 | 83.74 | 0.66 | 42.87 |
| 0.957 | 14.58 | 50.88 | 0.65 | 6.43 | 89.98 | 0.65 | 42.84 |
| 0.996 | 14.58 | 50.97 | 0.5 | 6.31 | 91.68 | 0.62 | 42.93 |
| 1.001 | 14.59 | 50.96 | 0.53 | 6.28 | 91.18 | 0.65 | 42.91 |
| 1.018 | 14.63 | 51.01 | 0.53 | 6.12 | 87.65 | 0.66 | 42.92 |
| 1.051 | 14.64 | 51.03 | 0.65 | 6.09 | 89.06 | 0.71 | 42.92 |
| 1.113 | 14.65 | 50.92 | 0.5 | 6.07 | 85.31 | 0.66 | 42.8 |
| 1.13 | 14.65 | 51.01 | 0.5 | 6.03 | 91.92 | 0.64 | 42.89 |
| 1.139 | 14.65 | 51.02 | 0.57 | 6.04 | 89.23 | 0.63 | 42.9 |
| 1.165 | 14.66 | 50.95 | 0.61 | 6.05 | 87.75 | 0.58 | 42.83 |
| 1.196 | 14.66 | 51.0 | 0.46 | 6.05 | 80.86 | 0.61 | 42.87 |
| 1.199 | 14.65 | 51.04 | 0.42 | 6.04 | 87.35 | 0.62 | 42.92 |
| 1.212 | 14.65 | 50.99 | 0.5 | 6.05 | 89.25 | 0.66 | 42.87 |
| 1.249 | 14.65 | 50.98 | 0.61 | 6.06 | 84.27 | 0.65 | 42.85 |
| 1.286 | 14.66 | 50.98 | 0.5 | 6.08 | 83.14 | 0.63 | 42.85 |
| 1.307 | 14.67 | 51.07 | 0.38 | 6.14 | 89.6 | 0.63 | 42.92 |
| 1.326 | 14.68 | 51.11 | 0.57 | 6.15 | 88.04 | 0.69 | 42.95 |
| 1.352 | 14.69 | 50.94 | 0.46 | 6.18 | 87.21 | 0.68 | 42.78 |
| 1.365 | 14.68 | 50.99 | 0.53 | 6.2 | 85.01 | 0.64 | 42.84 |
| 1.37 | 14.64 | 51.09 | 0.42 | 6.24 | 87.39 | 0.6 | 42.97 |
| 1.379 | 14.62 | 51.02 | 0.42 | 6.29 | 86.2 | 0.63 | 42.93 |
| 1.394 | 14.63 | 50.97 | 0.65 | 6.37 | 84.68 | 0.62 | 42.87 |
| 1.404 | 14.63 | 51.04 | 0.53 | 6.47 | 87.61 | 0.64 | 42.94 |

| 1.411 | 14.62 | 51.07 | 0.38 | 6.59 | 83.35 | 0.68 | 42.98 |
|---|---|---|---|---|---|---|---|
| 1.413 | 14.62 | 50.99 | 0.65 | 7.07 | 85.27 | 0.66 | 42.91 |
| 1.414 | 14.62 | 51.04 | 0.46 | 7.14 | 85.62 | 0.67 | 42.96 |
| 1.428 | 14.61 | 51.03 | 0.76 | 7.02 | 88.24 | 0.6 | 42.95 |
| 1.443 | 14.61 | 51.02 | 0.61 | 6.98 | 86.22 | 0.62 | 42.94 |
| 1.45 | 14.63 | 51.05 | 0.57 | 6.81 | 89.38 | 0.7 | 42.95 |
| 1.46 | 14.63 | 51.01 | 0.72 | 6.77 | 88.96 | 0.69 | 42.91 |
| 1.469 | 14.63 | 51.04 | 0.69 | 6.57 | 86.88 | 0.62 | 42.94 |
| 1.471 | 14.63 | 51.05 | 0.69 | 6.5 | 88.3 | 0.65 | 42.94 |
| 1.474 | 14.62 | 51.05 | 0.8 | 6.22 | 90.02 | 0.7 | 42.96 |
| 1.477 | 14.62 | 51.08 | 0.69 | 6.17 | 90.29 | 0.72 | 42.98 |
| 1.484 | 14.63 | 51.04 | 0.57 | 6.13 | 85.58 | 0.64 | 42.94 |
| 1.489 | 14.64 | 51.02 | 0.5 | 6.09 | 89.9 | 0.66 | 42.91 |
| 1.49 | 14.63 | 51.06 | 0.61 | 5.88 | 89.44 | 0.73 | 42.95 |
| 1.493 | 14.64 | 51.02 | 0.57 | 5.86 | 90.63 | 0.66 | 42.91 |
| 1.501 | 14.63 | 51.09 | 0.57 | 5.97 | 89.44 | 0.63 | 42.99 |
| 1.519 | 14.63 | 51.02 | 0.5 | 6.03 | 89.58 | 0.7 | 42.92 |
| 1.523 | 14.62 | 51.06 | 0.5 | 6.31 | 91.47 | 0.66 | 42.97 |
| 1.526 | 14.62 | 51.11 | 0.5 | 6.45 | 91.07 | 0.66 | 43.02 |
| 1.535 | 14.63 | 51.1 | 0.5 | 6.42 | 92.28 | 0.69 | 42.99 |
| 1.557 | 14.64 | 51.04 | 0.46 | 6.42 | 93.86 | 0.66 | 42.93 |
| 1.558 | 14.62 | 51.05 | 0.42 | 6.35 | 94.49 | 0.69 | 42.96 |
| 1.568 | 14.62 | 51.12 | 0.3 | 6.24 | 95.63 | 0.74 | 43.04 |
| 1.576 | 14.61 | 51.14 | 0.53 | 6.26 | 101.43 | 0.69 | 43.05 |
| 1.605 | 14.63 | 51.08 | 0.57 | 6.28 | 99.62 | 0.68 | 42.98 |
| 1.608 | 14.61 | 51.14 | 0.42 | 6.51 | 98.42 | 0.66 | 43.06 |
| 1.631 | 14.63 | 51.08 | 0.5 | 6.57 | 99.87 | 0.74 | 42.98 |
| 1.634 | 14.61 | 51.13 | 0.34 | 6.79 | 97.72 | 0.66 | 43.05 |
| 1.641 | 14.61 | 51.11 | 0.61 | 6.82 | 99.62 | 0.69 | 43.02 |
| 1.661 | 14.6 | 51.11 | 0.46 | 6.86 | 95.81 | 0.66 | 43.04 |
| 1.665 | 14.6 | 51.11 | 0.42 | 6.84 | 98.86 | 0.68 | 43.03 |
| 1.698 | 14.61 | 51.09 | 0.53 | 6.83 | 100.15 | 0.65 | 43.01 |
| 1.741 | 14.62 | 51.11 | 0.5 | 6.81 | 100.8 | 0.67 | 43.01 |
| 1.769 | 14.62 | 51.09 | 0.42 | 6.79 | 99.41 | 0.69 | 42.99 |
| 1.777 | 14.62 | 51.11 | 0.46 | 6.76 | 96.17 | 0.71 | 43.01 |
| 1.783 | 14.63 | 51.12 | 0.46 | 6.74 | 96.48 | 0.66 | 43.02 |
| 1.829 | 14.63 | 51.16 | 0.46 | 6.7 | 112.48 | 0.69 | 43.05 |
| 1.891 | 14.65 | 51.09 | 0.5 | 6.67 | 117.62 | 0.71 | 42.97 |
| 1.917 | 14.66 | 51.1 | 0.42 | 6.64 | 114.45 | 0.7 | 42.97 |
| 1.92 | 14.63 | 51.1 | 0.42 | 6.64 | 101.17 | 0.69 | 43.0 |
| 1.924 | 14.64 | 51.11 | 0.38 | 6.68 | 108.48 | 0.69 | 42.99 |
| 1.941 | 14.64 | 51.13 | 0.42 | 6.78 | 185.69 | 0.63 | 43.01 |
| 1.964 | 14.64 | 51.12 | 0.5 | 6.91 | 123.29 | 0.68 | 43.0 |
| 2.006 | 14.64 | 51.15 | 0.5 | 7.03 | 134.58 | 0.69 | 43.03 |
| 2.059 | 14.65 | 51.12 | 0.61 | 7.13 | 109.93 | 0.69 | 42.99 |
| 2.097 | 14.66 | 51.1 | 0.5 | 7.2 | 150.21 | 0.66 | 42.97 |
| 2.114 | 14.65 | 51.14 | 0.53 | 7.23 | 137.93 | 0.63 | 43.01 |
| 2.141 | 14.65 | 51.19 | 0.42 | 7.21 | 297.33 | 0.66 | 43.06 |
| 2.186 | 14.67 | 51.13 | 0.57 | 7.17 | 165.26 | 0.63 | 42.98 |
| 2.227 | 14.68 | 51.13 | 0.61 | 7.11 | 121.48 | 0.69 | 42.97 |
| 2.257 | 14.66 | 51.16 | 0.42 | 7.04 | 151.64 | 0.68 | 43.02 |
| 2.274 | 14.65 | 51.15 | 0.46 | 6.98 | 158.76 | 0.69 | 43.02 |
| 2.291 | 14.65 | 51.14 | 0.69 | 6.94 | 165.07 | 0.67 | 43.01 |
| 2.315 | 14.66 | 51.16 | 0.53 | 6.91 | 147.89 | 0.7 | 43.03 |
| 2.339 | 14.66 | 51.16 | 0.5 | 6.9 | 133.71 | 0.67 | 43.01 |
| 2.361 | 14.67 | 51.14 | 0.42 | 6.89 | 180.85 | 0.78 | 42.99 |
| 2.373 | 14.67 | 51.15 | 0.38 | 6.88 | 139.15 | 0.69 | 43.0 |
| 2.389 | 14.68 | 51.18 | 0.8 | 6.87 | 120.63 | 0.67 | 43.03 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2.415 | 14.68 | 51.16 | 1.37 | 6.84 | 151.19 | 0.71 | 43.0 |
| 2.438 | 14.69 | 51.13 | 1.22 | 6.81 | 168.12 | 0.79 | 42.96 |
| 2.453 | 14.69 | 51.17 | 1.14 | 6.77 | 144.27 | 0.69 | 43.0 |
| 2.465 | 14.68 | 51.19 | 2.02 | 6.74 | 208.17 | 0.72 | 43.03 |
| 2.505 | 14.68 | 51.19 | 1.64 | 6.72 | 154.23 | 0.76 | 43.02 |
| 2.57 | 14.69 | 51.17 | 1.14 | 6.73 | 193.96 | 0.71 | 43.0 |
| 2.632 | 14.69 | 51.15 | 0.92 | 6.76 | 162.79 | 0.66 | 42.98 |
| 2.655 | 14.7 | 51.2 | 0.88 | 6.83 | 178.23 | 0.72 | 43.01 |
| 2.662 | 14.69 | 51.23 | 0.65 | 6.84 | 186.99 | 0.71 | 43.05 |
| 2.694 | 14.71 | 51.17 | 0.76 | 6.84 | 127.53 | 0.73 | 42.98 |
| 2.733 | 14.71 | 51.17 | 0.8 | 6.82 | 128.01 | 0.72 | 42.97 |
| 2.772 | 14.7 | 51.22 | 0.95 | 6.81 | 159.8 | 0.66 | 43.03 |
| 2.801 | 14.7 | 51.19 | 0.57 | 6.77 | 185.48 | 0.7 | 43.0 |
| 2.827 | 14.71 | 51.19 | 0.5 | 6.75 | 149.72 | 0.79 | 42.99 |
| 2.852 | 14.71 | 51.22 | 0.92 | 6.75 | 153.77 | 0.76 | 43.02 |
| 2.895 | 14.71 | 51.23 | 1.26 | 6.76 | 158.14 | 0.72 | 43.03 |
| 2.946 | 14.72 | 51.2 | 1.26 | 6.81 | 161.88 | 0.7 | 43.0 |
| 2.96 | 14.71 | 51.26 | 0.46 | 6.96 | 177.69 | 0.74 | 43.05 |
| 2.966 | 14.72 | 51.21 | 0.53 | 7.0 | 164.3 | 0.69 | 43.0 |
| 3.0 | 14.73 | 51.23 | 0.5 | 7.0 | 138.12 | 0.66 | 43.01 |
| 3.043 | 14.76 | 51.31 | 0.46 | 6.87 | 166.33 | 0.68 | 43.05 |
| 3.047 | 14.77 | 51.29 | 0.61 | 6.82 | 126.8 | 0.63 | 43.02 |
| 3.077 | 14.77 | 51.32 | 0.92 | 6.77 | 121.73 | 0.68 | 43.04 |
| 3.124 | 14.78 | 51.34 | 0.72 | 6.72 | 186.34 | 0.76 | 43.05 |
| 3.176 | 14.79 | 51.35 | 0.84 | 6.68 | 177.53 | 0.75 | 43.06 |
| 3.218 | 14.8 | 51.37 | 0.61 | 6.64 | 146.39 | 0.68 | 43.07 |
| 3.247 | 14.8 | 51.38 | 0.65 | 6.61 | 138.06 | 0.69 | 43.07 |
| 3.272 | 14.8 | 51.41 | 0.8 | 6.59 | 163.77 | 0.72 | 43.09 |
| 3.309 | 14.81 | 51.42 | 0.84 | 6.59 | 210.74 | 0.73 | 43.1 |
| 3.368 | 14.81 | 51.42 | 0.88 | 6.6 | 148.37 | 0.74 | 43.1 |
| 3.408 | 14.81 | 51.4 | 0.88 | 6.62 | 129.89 | 0.68 | 43.08 |
| 3.429 | 14.81 | 51.44 | 0.42 | 6.66 | 162.6 | 0.68 | 43.12 |
| 3.439 | 14.82 | 51.44 | 0.57 | 6.72 | 178.44 | 0.67 | 43.11 |
| 3.443 | 14.82 | 51.45 | 0.57 | 6.78 | 171.94 | 0.66 | 43.12 |
| 3.459 | 14.83 | 51.48 | 0.46 | 6.86 | 137.96 | 0.78 | 43.14 |
| 3.501 | 14.84 | 51.5 | 0.65 | 6.94 | 142.11 | 0.72 | 43.15 |
| 3.548 | 14.85 | 51.52 | 0.57 | 7.0 | 141.78 | 0.71 | 43.15 |
| 3.563 | 14.87 | 51.57 | 0.8 | 7.1 | 158.03 | 0.69 | 43.18 |
| 3.57 | 14.88 | 51.61 | 0.46 | 7.14 | 139.7 | 0.69 | 43.2 |
| 3.596 | 14.9 | 51.64 | 0.76 | 7.16 | 154.05 | 0.73 | 43.21 |
| 3.627 | 14.91 | 51.64 | 0.65 | 7.16 | 184.49 | 0.79 | 43.2 |
| 3.653 | 14.92 | 51.65 | 0.88 | 7.2 | 166.07 | 0.74 | 43.2 |
| 3.673 | 14.93 | 51.67 | 0.76 | 7.25 | 140.8 | 0.71 | 43.21 |
| 3.691 | 14.93 | 51.69 | 1.22 | 7.32 | 149.86 | 0.88 | 43.22 |
| 3.727 | 14.94 | 51.7 | 1.03 | 7.41 | 202.04 | 0.72 | 43.22 |
| 3.763 | 14.95 | 51.7 | 0.61 | 7.5 | 156.35 | 0.69 | 43.21 |
| 3.791 | 14.95 | 51.71 | 0.61 | 7.62 | 123.89 | 0.79 | 43.22 |
| 3.824 | 14.95 | 51.73 | 0.53 | 7.71 | 129.41 | 0.72 | 43.23 |
| 3.86 | 14.96 | 51.75 | 1.56 | 7.78 | 156.39 | 0.72 | 43.24 |
| 3.899 | 14.97 | 51.77 | 0.92 | 7.81 | 133.59 | 0.69 | 43.25 |
| 3.942 | 14.98 | 51.78 | 0.8 | 7.81 | 140.64 | 0.7 | 43.25 |
| 3.988 | 14.99 | 51.79 | 0.99 | 7.8 | 153.05 | 0.7 | 43.26 |
| 4.019 | 14.99 | 51.8 | 0.65 | 7.78 | 134.86 | 0.69 | 43.26 |
| 4.034 | 15.0 | 51.81 | 0.38 | 7.77 | 134.99 | 0.68 | 43.26 |
| 4.052 | 15.0 | 51.81 | 0.46 | 7.79 | 150.66 | 0.88 | 43.26 |
| 4.085 | 15.0 | 51.82 | 0.46 | 7.83 | 141.88 | 0.81 | 43.26 |
| 4.12 | 15.01 | 51.82 | 0.38 | 7.88 | 135.52 | 0.77 | 43.26 |
| 4.139 | 15.01 | 51.82 | 0.5 | 7.93 | 155.27 | 0.78 | 43.26 |

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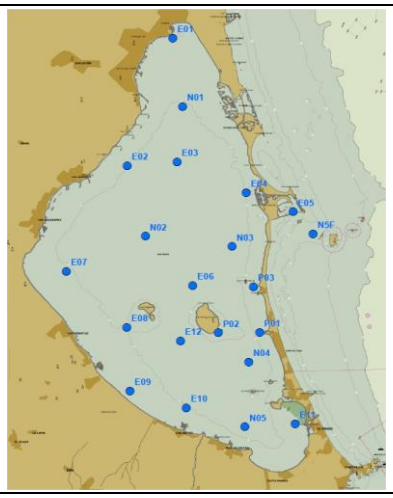
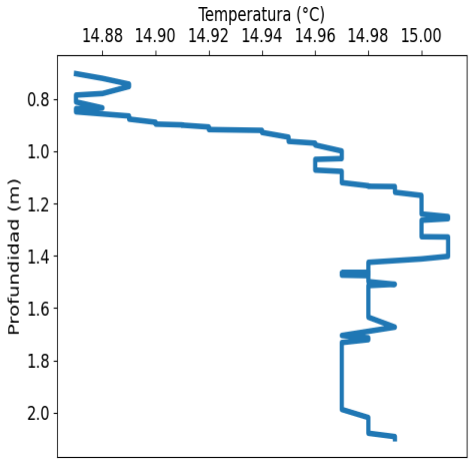
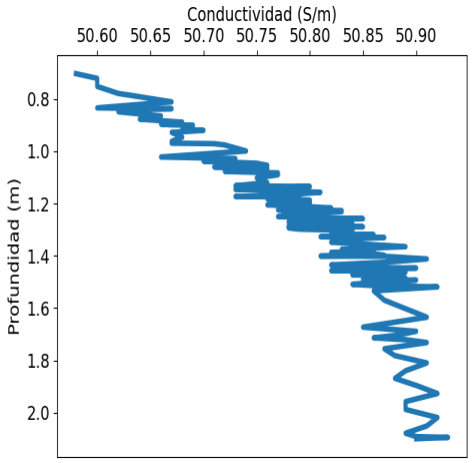
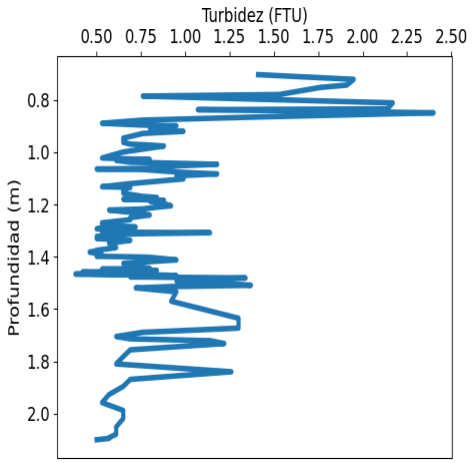
|---|---|---|---|---|---|---|---|
| 4.15 | 15.01 | 51.82 | 0.46 | 7.98 | 145.14 | 0.74 | 43.26 |
| 4.17 | 15.01 | 51.83 | 0.57 | 8.01 | 131.83 | 0.72 | 43.26 |
| 4.202 | 15.01 | 51.83 | 0.46 | 8.03 | 129.77 | 0.71 | 43.26 |
| 4.242 | 15.01 | 51.83 | 0.46 | 8.05 | 151.54 | 0.71 | 43.27 |
| 4.31 | 15.01 | 51.84 | 0.65 | 8.05 | 146.43 | 0.73 | 43.27 |
| 4.387 | 15.01 | 51.85 | 0.65 | 8.05 | 140.87 | 0.73 | 43.28 |
| 4.445 | 15.02 | 51.87 | 0.8 | 8.06 | 136.69 | 0.76 | 43.3 |
| 4.485 | 15.03 | 51.9 | 0.65 | 8.07 | 129.89 | 0.78 | 43.31 |
| 4.526 | 15.04 | 51.91 | 0.57 | 8.09 | 132.02 | 0.74 | 43.31 |
| 4.574 | 15.05 | 51.91 | 0.42 | 8.1 | 139.47 | 0.72 | 43.3 |
| 4.633 | 15.05 | 51.92 | 0.5 | 8.11 | 127.36 | 0.72 | 43.3 |
| 4.689 | 15.06 | 51.92 | 0.46 | 8.12 | 130.86 | 0.72 | 43.3 |
| 4.73 | 15.06 | 51.97 | 0.72 | 8.12 | 138.25 | 0.78 | 43.34 |
| 4.772 | 15.08 | 52.01 | 0.88 | 8.11 | 131.86 | 0.77 | 43.36 |
| 4.833 | 15.09 | 52.05 | 0.53 | 8.1 | 123.01 | 0.74 | 43.39 |
| 4.9 | 15.11 | 52.13 | 0.69 | 8.09 | 130.43 | 0.72 | 43.44 |
| 4.969 | 15.13 | 52.21 | 0.61 | 8.09 | 126.92 | 0.73 | 43.49 |
| 5.022 | 15.16 | 52.24 | 0.57 | 8.09 | 129.77 | 0.76 | 43.48 |
| 5.044 | 15.2 | 52.27 | 0.53 | 8.1 | 124.76 | 0.74 | 43.46 |
| 5.046 | 15.21 | 52.27 | 0.42 | 8.1 | 113.74 | 0.83 | 43.46 |
| 5.067 | 15.21 | 52.27 | 0.53 | 8.11 | 119.88 | 0.77 | 43.45 |
| 5.104 | 15.22 | 52.28 | 0.34 | 8.11 | 130.92 | 0.77 | 43.46 |
| 5.137 | 15.22 | 52.29 | 0.5 | 8.1 | 127.53 | 0.78 | 43.46 |
| 5.156 | 15.22 | 52.29 | 0.46 | 8.07 | 120.13 | 0.74 | 43.46 |
| 5.158 | 15.23 | 52.3 | 0.65 | 8.03 | 125.86 | 0.72 | 43.46 |
| 5.168 | 15.23 | 52.3 | 0.8 | 7.98 | 124.27 | 0.72 | 43.46 |
| 5.203 | 15.23 | 52.3 | 0.65 | 7.93 | 118.69 | 0.77 | 43.46 |
| 5.246 | 15.23 | 52.3 | 0.57 | 7.87 | 114.13 | 0.81 | 43.46 |
| 5.274 | 15.23 | 52.31 | 0.53 | 7.83 | 119.49 | 0.74 | 43.46 |
| 5.286 | 15.24 | 52.3 | 0.88 | 7.78 | 126.39 | 0.76 | 43.45 |
| 5.288 | 15.24 | 52.3 | 0.99 | 7.78 | 120.91 | 0.72 | 43.46 |
| 5.291 | 15.24 | 52.3 | 0.84 | 7.78 | 121.96 | 0.74 | 43.46 |
| 5.297 | 15.24 | 52.3 | 0.46 | 7.79 | 114.16 | 0.72 | 43.46 |
| 5.301 | 15.23 | 52.31 | 0.72 | 7.79 | 125.74 | 0.72 | 43.46 |
| 5.303 | 15.24 | 52.31 | 0.46 | 7.79 | 137.04 | 0.77 | 43.46 |

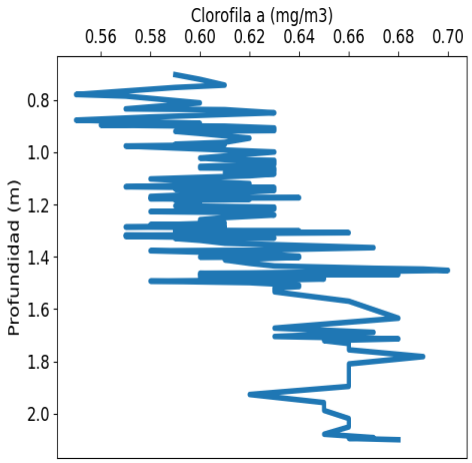
**Nombre: CTD E01 - Punto 004** **Fecha: 13/03/2024** **Hora: 08:03:46**

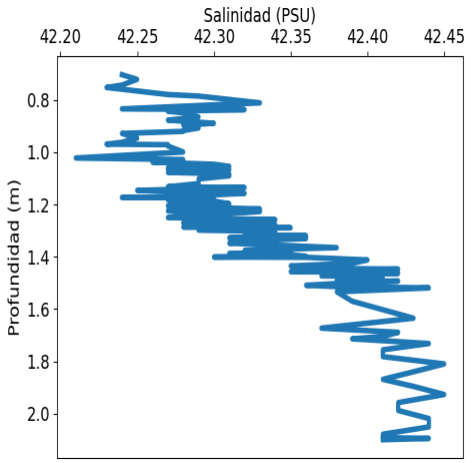


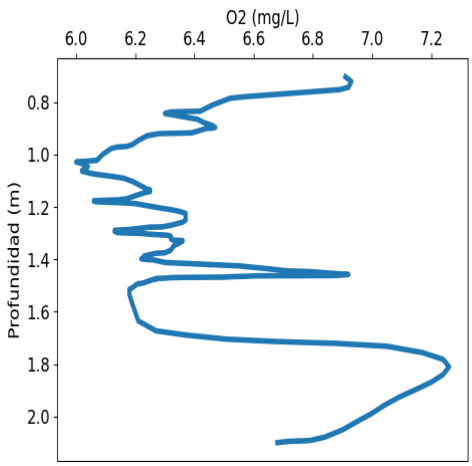



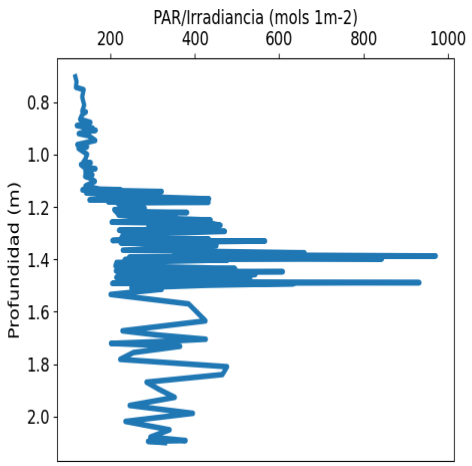




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.87 | 50.58 | 0.38 | 6.0 | 116.89 | 0.55 | 42.21 |
| **PROF (metros)** | 0.703 | 0.703 | 1.466 | 1.028 | 0.703 | 0.779 | 1.022 |
| **MÁXIMO** | 15.01 | 15.01 | 2.4 | 7.26 | 971.4 | 0.7 | 42.45 |
| **PROF (metros)** | 1.25 | 2.095 | 0.849 | 1.81 | 1.387 | 1.452 | 1.81 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E01 - Punto 004 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.91 | 50.66 | 1.18 | 6.43 | 136.66 | 0.6 | 42.27 |
| 1 - 2m | 14.99 | 50.82 | 0.74 | 6.36 | 306.54 | 0.62 | 42.34 |
| 2 - 3m | 14.98 | 50.91 | 0.58 | 6.81 | 311.18 | 0.66 | 42.43 |

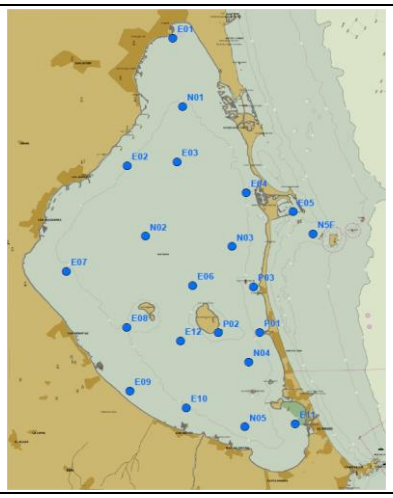
| OBSERVACIONES GENERALES |
|---|
| |

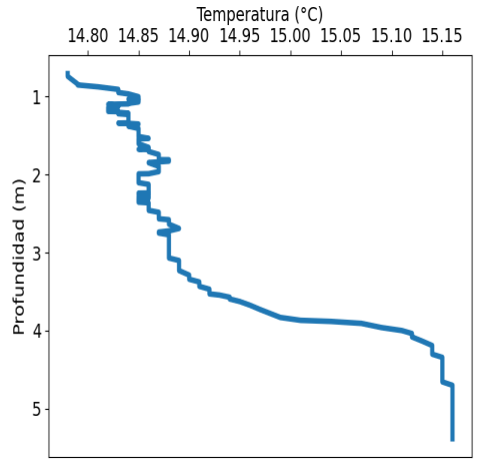
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.703 | 14.87 | 50.58 | 1.41 | 6.91 | 116.89 | 0.59 | 42.24 |
| 0.721 | 14.88 | 50.6 | 1.95 | 6.93 | 119.8 | 0.6 | 42.25 |
| 0.743 | 14.89 | 50.6 | 1.91 | 6.92 | 118.09 | 0.61 | 42.24 |
| 0.752 | 14.89 | 50.6 | 1.76 | 6.89 | 136.69 | 0.59 | 42.23 |
| 0.779 | 14.88 | 50.62 | 1.53 | 6.57 | 133.09 | 0.55 | 42.27 |
| 0.785 | 14.87 | 50.63 | 0.76 | 6.52 | 133.8 | 0.57 | 42.29 |
| 0.811 | 14.87 | 50.67 | 2.17 | 6.46 | 137.83 | 0.6 | 42.33 |
| 0.834 | 14.88 | 50.6 | 2.14 | 6.42 | 133.18 | 0.57 | 42.24 |
| 0.837 | 14.87 | 50.67 | 1.07 | 6.32 | 142.11 | 0.61 | 42.32 |
| 0.843 | 14.87 | 50.62 | 1.79 | 6.3 | 136.31 | 0.62 | 42.27 |
| 0.849 | 14.87 | 50.62 | 2.4 | 6.33 | 132.6 | 0.63 | 42.28 |
| 0.865 | 14.89 | 50.66 | 1.41 | 6.41 | 127.92 | 0.58 | 42.29 |
| 0.877 | 14.89 | 50.64 | 0.76 | 6.43 | 152.88 | 0.55 | 42.27 |
| 0.889 | 14.9 | 50.68 | 0.53 | 6.46 | 120.13 | 0.6 | 42.3 |
| 0.896 | 14.9 | 50.66 | 0.76 | 6.47 | 140.09 | 0.56 | 42.28 |
| 0.899 | 14.91 | 50.67 | 0.95 | 6.46 | 158.29 | 0.59 | 42.29 |
| 0.9 | 14.91 | 50.69 | 0.88 | 6.44 | 137.45 | 0.61 | 42.29 |
| 0.907 | 14.92 | 50.69 | 0.8 | 6.42 | 165.45 | 0.63 | 42.29 |
| 0.917 | 14.92 | 50.68 | 0.84 | 6.39 | 130.49 | 0.63 | 42.28 |
| 0.92 | 14.94 | 50.7 | 0.99 | 6.28 | 124.61 | 0.59 | 42.28 |
| 0.928 | 14.94 | 50.67 | 0.76 | 6.24 | 148.13 | 0.6 | 42.24 |
| 0.946 | 14.95 | 50.68 | 0.65 | 6.21 | 164.23 | 0.62 | 42.25 |
| 0.962 | 14.95 | 50.67 | 0.65 | 6.19 | 121.25 | 0.61 | 42.24 |
| 0.969 | 14.96 | 50.67 | 0.69 | 6.17 | 144.84 | 0.59 | 42.23 |
| 0.971 | 14.96 | 50.71 | 0.76 | 6.14 | 144.47 | 0.61 | 42.27 |
| 0.976 | 14.96 | 50.72 | 0.88 | 6.12 | 124.09 | 0.57 | 42.27 |
| 0.999 | 14.97 | 50.74 | 0.65 | 6.09 | 145.08 | 0.63 | 42.28 |
| 1.022 | 14.97 | 50.66 | 0.53 | 6.07 | 139.02 | 0.6 | 42.21 |
| 1.028 | 14.97 | 50.73 | 0.8 | 6.0 | 135.96 | 0.61 | 42.28 |
| 1.031 | 14.96 | 50.73 | 0.61 | 6.01 | 153.59 | 0.63 | 42.28 |
| 1.038 | 14.96 | 50.7 | 0.69 | 6.03 | 129.86 | 0.63 | 42.26 |
| 1.046 | 14.96 | 50.75 | 1.18 | 6.04 | 135.74 | 0.63 | 42.3 |
| 1.054 | 14.96 | 50.76 | 0.88 | 6.03 | 164.99 | 0.6 | 42.31 |
| 1.06 | 14.96 | 50.71 | 0.88 | 6.02 | 140.25 | 0.6 | 42.27 |
| 1.062 | 14.96 | 50.72 | 0.76 | 6.02 | 149.48 | 0.63 | 42.27 |
| 1.064 | 14.96 | 50.74 | 0.5 | 6.02 | 140.77 | 0.63 | 42.3 |
| 1.066 | 14.96 | 50.76 | 0.76 | 6.03 | 145.01 | 0.63 | 42.31 |
| 1.072 | 14.96 | 50.74 | 0.88 | 6.05 | 140.83 | 0.63 | 42.29 |
| 1.077 | 14.97 | 50.72 | 0.99 | 6.08 | 157.66 | 0.61 | 42.27 |

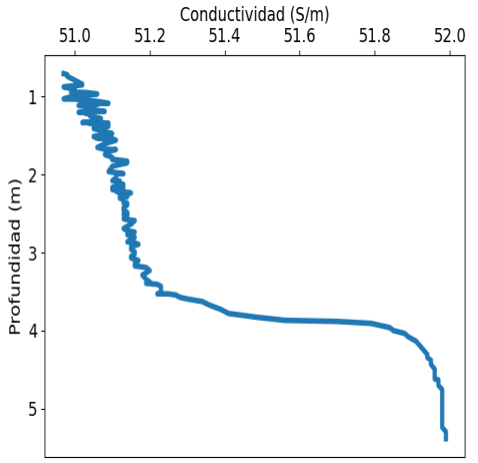
| 1.083 | 14.97 | 50.77 | 1.18 | 6.12 | 139.73 | 0.63 | 42.31 |
|---|---|---|---|---|---|---|---|
| 1.09 | 14.97 | 50.77 | 0.95 | 6.16 | 152.06 | 0.62 | 42.31 |
| 1.102 | 14.97 | 50.75 | 0.99 | 6.19 | 163.43 | 0.58 | 42.29 |
| 1.12 | 14.97 | 50.76 | 0.69 | 6.22 | 140.64 | 0.62 | 42.29 |
| 1.132 | 14.98 | 50.73 | 0.53 | 6.24 | 174.55 | 0.57 | 42.27 |
| 1.134 | 14.98 | 50.78 | 0.69 | 6.25 | 224.41 | 0.59 | 42.3 |
| 1.135 | 14.99 | 50.8 | 0.69 | 6.25 | 133.25 | 0.63 | 42.32 |
| 1.141 | 14.99 | 50.76 | 0.65 | 6.25 | 321.93 | 0.59 | 42.28 |
| 1.146 | 14.99 | 50.73 | 0.65 | 6.23 | 142.05 | 0.63 | 42.25 |
| 1.157 | 14.99 | 50.81 | 0.65 | 6.2 | 205.39 | 0.61 | 42.32 |
| 1.169 | 15.0 | 50.77 | 0.76 | 6.17 | 434.12 | 0.58 | 42.28 |
| 1.173 | 15.0 | 50.73 | 0.84 | 6.14 | 150.07 | 0.58 | 42.24 |
| 1.174 | 15.0 | 50.78 | 0.84 | 6.11 | 296.57 | 0.64 | 42.29 |
| 1.176 | 15.0 | 50.76 | 0.84 | 6.06 | 231.0 | 0.6 | 42.27 |
| 1.178 | 15.0 | 50.79 | 0.76 | 6.06 | 258.85 | 0.58 | 42.3 |
| 1.18 | 15.0 | 50.78 | 0.65 | 6.07 | 194.19 | 0.62 | 42.29 |
| 1.182 | 15.0 | 50.76 | 0.8 | 6.11 | 432.81 | 0.61 | 42.27 |
| 1.184 | 15.0 | 50.78 | 0.88 | 6.16 | 263.45 | 0.59 | 42.29 |
| 1.187 | 15.0 | 50.8 | 0.8 | 6.2 | 217.39 | 0.6 | 42.3 |
| 1.197 | 15.0 | 50.8 | 0.88 | 6.25 | 233.37 | 0.6 | 42.31 |
| 1.205 | 15.0 | 50.76 | 0.92 | 6.29 | 281.7 | 0.59 | 42.27 |
| 1.21 | 15.0 | 50.79 | 0.84 | 6.32 | 208.9 | 0.63 | 42.29 |
| 1.217 | 15.0 | 50.82 | 0.76 | 6.35 | 212.36 | 0.63 | 42.33 |
| 1.221 | 15.0 | 50.8 | 0.57 | 6.36 | 382.07 | 0.62 | 42.3 |
| 1.224 | 15.0 | 50.77 | 0.61 | 6.37 | 216.44 | 0.6 | 42.27 |
| 1.227 | 15.0 | 50.83 | 0.65 | 6.37 | 355.01 | 0.58 | 42.33 |
| 1.231 | 15.0 | 50.83 | 0.72 | 6.37 | 219.06 | 0.62 | 42.32 |
| 1.24 | 15.0 | 50.78 | 0.8 | 6.37 | 275.75 | 0.63 | 42.28 |
| 1.25 | 15.01 | 50.77 | 0.69 | 6.37 | 437.86 | 0.61 | 42.27 |
| 1.258 | 15.01 | 50.85 | 0.69 | 6.36 | 202.7 | 0.6 | 42.34 |
| 1.264 | 15.0 | 50.79 | 0.61 | 6.34 | 443.27 | 0.6 | 42.29 |
| 1.27 | 15.0 | 50.78 | 0.53 | 6.32 | 461.3 | 0.61 | 42.28 |
| 1.276 | 15.0 | 50.81 | 0.53 | 6.29 | 295.13 | 0.59 | 42.32 |
| 1.277 | 15.0 | 50.84 | 0.61 | 6.25 | 289.51 | 0.58 | 42.34 |
| 1.281 | 15.0 | 50.83 | 0.57 | 6.22 | 318.37 | 0.61 | 42.33 |
| 1.286 | 15.0 | 50.78 | 0.72 | 6.18 | 453.88 | 0.57 | 42.28 |
| 1.288 | 15.0 | 50.83 | 0.53 | 6.15 | 258.19 | 0.61 | 42.33 |
| 1.289 | 15.0 | 50.85 | 0.57 | 6.13 | 220.18 | 0.61 | 42.35 |
| 1.293 | 15.0 | 50.78 | 0.5 | 6.13 | 471.57 | 0.59 | 42.29 |
| 1.298 | 15.0 | 50.79 | 0.65 | 6.14 | 376.71 | 0.59 | 42.29 |
| 1.301 | 15.0 | 50.82 | 0.61 | 6.22 | 249.77 | 0.64 | 42.32 |
| 1.304 | 15.0 | 50.84 | 0.53 | 6.25 | 228.76 | 0.59 | 42.34 |
| 1.306 | 15.0 | 50.82 | 0.69 | 6.28 | 277.68 | 0.64 | 42.32 |
| 1.308 | 15.0 | 50.82 | 1.14 | 6.31 | 334.09 | 0.66 | 42.32 |
| 1.312 | 15.0 | 50.84 | 0.72 | 6.32 | 311.87 | 0.59 | 42.34 |
| 1.316 | 15.0 | 50.83 | 0.61 | 6.32 | 238.57 | 0.62 | 42.33 |
| 1.317 | 15.0 | 50.82 | 0.61 | 6.32 | 225.76 | 0.57 | 42.32 |
| 1.319 | 15.0 | 50.86 | 0.57 | 6.32 | 227.28 | 0.6 | 42.36 |
| 1.322 | 15.0 | 50.84 | 0.5 | 6.32 | 433.32 | 0.57 | 42.33 |
| 1.327 | 15.0 | 50.81 | 0.53 | 6.33 | 214.29 | 0.61 | 42.31 |
| 1.328 | 15.01 | 50.82 | 0.61 | 6.36 | 204.73 | 0.63 | 42.31 |
| 1.33 | 15.01 | 50.87 | 0.5 | 6.36 | 566.85 | 0.59 | 42.36 |
| 1.337 | 15.01 | 50.83 | 0.69 | 6.35 | 224.09 | 0.6 | 42.33 |
| 1.348 | 15.01 | 50.82 | 0.57 | 6.33 | 451.57 | 0.61 | 42.31 |
| 1.365 | 15.01 | 50.89 | 0.61 | 6.32 | 229.14 | 0.67 | 42.38 |
| 1.375 | 15.01 | 50.83 | 0.5 | 6.3 | 660.24 | 0.62 | 42.32 |
| 1.377 | 15.01 | 50.83 | 0.5 | 6.27 | 357.24 | 0.58 | 42.32 |
| 1.382 | 15.01 | 50.86 | 0.46 | 6.25 | 351.0 | 0.6 | 42.35 |

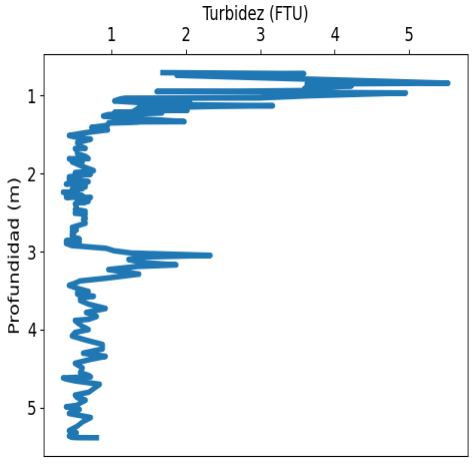
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.387 | 15.01 | 50.82 | 0.5 | 6.23 | 971.4 | 0.63 | 42.31 |
| 1.392 | 15.01 | 50.86 | 0.53 | 6.23 | 244.1 | 0.63 | 42.35 |
| 1.398 | 15.01 | 50.87 | 0.5 | 6.22 | 843.92 | 0.64 | 42.36 |
| 1.401 | 15.01 | 50.81 | 0.76 | 6.24 | 233.75 | 0.6 | 42.3 |
| 1.402 | 15.01 | 50.87 | 0.8 | 6.26 | 478.62 | 0.64 | 42.36 |
| 1.412 | 15.0 | 50.91 | 0.95 | 6.3 | 214.24 | 0.61 | 42.4 |
| 1.425 | 14.98 | 50.87 | 0.65 | 6.55 | 211.67 | 0.62 | 42.39 |
| 1.435 | 14.98 | 50.82 | 0.69 | 6.64 | 495.55 | 0.63 | 42.35 |
| 1.444 | 14.98 | 50.84 | 0.8 | 6.71 | 212.76 | 0.67 | 42.36 |
| 1.447 | 14.98 | 50.9 | 0.53 | 6.79 | 608.94 | 0.69 | 42.42 |
| 1.452 | 14.98 | 50.85 | 0.84 | 6.85 | 228.39 | 0.7 | 42.38 |
| 1.457 | 14.98 | 50.82 | 0.53 | 6.91 | 278.58 | 0.66 | 42.35 |
| 1.458 | 14.98 | 50.85 | 0.42 | 6.92 | 543.56 | 0.65 | 42.38 |
| 1.462 | 14.98 | 50.84 | 0.53 | 6.87 | 222.49 | 0.62 | 42.37 |
| 1.463 | 14.98 | 50.89 | 0.46 | 6.61 | 301.77 | 0.6 | 42.42 |
| 1.465 | 14.97 | 50.84 | 0.46 | 6.57 | 254.15 | 0.61 | 42.37 |
| 1.466 | 14.98 | 50.86 | 0.38 | 6.53 | 368.59 | 0.63 | 42.38 |
| 1.468 | 14.98 | 50.88 | 0.5 | 6.5 | 290.18 | 0.68 | 42.4 |
| 1.469 | 14.98 | 50.85 | 0.57 | 6.36 | 213.55 | 0.6 | 42.38 |
| 1.47 | 14.97 | 50.85 | 0.88 | 6.32 | 331.78 | 0.63 | 42.38 |
| 1.472 | 14.97 | 50.88 | 0.95 | 6.3 | 531.48 | 0.62 | 42.41 |
| 1.473 | 14.97 | 50.84 | 0.69 | 6.27 | 268.81 | 0.62 | 42.37 |
| 1.474 | 14.97 | 50.86 | 0.92 | 6.27 | 482.96 | 0.63 | 42.39 |
| 1.476 | 14.98 | 50.87 | 0.84 | 6.27 | 309.35 | 0.6 | 42.4 |
| 1.477 | 14.98 | 50.85 | 0.69 | 6.26 | 355.83 | 0.65 | 42.38 |
| 1.481 | 14.98 | 50.88 | 1.34 | 6.25 | 292.34 | 0.64 | 42.4 |
| 1.485 | 14.98 | 50.89 | 1.11 | 6.24 | 260.89 | 0.65 | 42.41 |
| 1.489 | 14.98 | 50.85 | 1.22 | 6.23 | 932.57 | 0.63 | 42.38 |
| 1.492 | 14.98 | 50.85 | 1.18 | 6.22 | 204.06 | 0.59 | 42.38 |
| 1.493 | 14.98 | 50.9 | 0.95 | 6.21 | 634.14 | 0.58 | 42.42 |
| 1.499 | 14.98 | 50.87 | 1.18 | 6.2 | 427.33 | 0.62 | 42.39 |
| 1.509 | 14.99 | 50.84 | 1.37 | 6.19 | 249.48 | 0.64 | 42.36 |
| 1.514 | 14.98 | 50.86 | 0.92 | 6.18 | 322.0 | 0.64 | 42.38 |
| 1.519 | 14.98 | 50.92 | 0.72 | 6.18 | 293.22 | 0.63 | 42.44 |
| 1.534 | 14.98 | 50.86 | 0.95 | 6.18 | 200.17 | 0.63 | 42.38 |
| 1.57 | 14.98 | 50.87 | 0.92 | 6.19 | 385.36 | 0.66 | 42.39 |
| 1.635 | 14.98 | 50.91 | 1.3 | 6.21 | 425.55 | 0.68 | 42.43 |
| 1.673 | 14.99 | 50.85 | 1.3 | 6.27 | 228.29 | 0.63 | 42.37 |
| 1.689 | 14.98 | 50.9 | 0.76 | 6.37 | 312.45 | 0.67 | 42.42 |
| 1.705 | 14.97 | 50.88 | 0.61 | 6.51 | 426.34 | 0.63 | 42.41 |
| 1.714 | 14.98 | 50.86 | 0.69 | 6.68 | 317.92 | 0.68 | 42.39 |
| 1.721 | 14.98 | 50.89 | 1.14 | 6.88 | 200.97 | 0.65 | 42.41 |
| 1.732 | 14.97 | 50.91 | 1.22 | 7.05 | 365.53 | 0.66 | 42.44 |
| 1.756 | 14.97 | 50.87 | 0.69 | 7.17 | 254.56 | 0.66 | 42.41 |
| 1.782 | 14.97 | 50.88 | 0.65 | 7.24 | 222.95 | 0.69 | 42.41 |
| 1.81 | 14.97 | 50.91 | 0.61 | 7.26 | 476.73 | 0.66 | 42.45 |
| 1.84 | 14.97 | 50.89 | 1.26 | 7.24 | 465.6 | 0.66 | 42.43 |
| 1.869 | 14.97 | 50.88 | 0.69 | 7.2 | 285.31 | 0.66 | 42.41 |
| 1.896 | 14.97 | 50.9 | 0.65 | 7.15 | 314.63 | 0.66 | 42.43 |
| 1.927 | 14.97 | 50.92 | 0.57 | 7.09 | 352.79 | 0.62 | 42.45 |
| 1.958 | 14.97 | 50.89 | 0.53 | 7.04 | 245.35 | 0.65 | 42.42 |
| 1.988 | 14.97 | 50.89 | 0.65 | 7.0 | 395.77 | 0.65 | 42.42 |
| 2.019 | 14.98 | 50.92 | 0.65 | 6.95 | 235.33 | 0.66 | 42.44 |
| 2.051 | 14.98 | 50.91 | 0.61 | 6.9 | 340.5 | 0.66 | 42.44 |
| 2.079 | 14.98 | 50.89 | 0.61 | 6.84 | 294.38 | 0.65 | 42.41 |
| 2.092 | 14.99 | 50.9 | 0.57 | 6.79 | 378.46 | 0.67 | 42.41 |
| 2.095 | 14.99 | 50.93 | 0.57 | 6.72 | 288.77 | 0.66 | 42.44 |
| 2.1 | 14.99 | 50.9 | 0.5 | 6.68 | 329.63 | 0.68 | 42.41 |

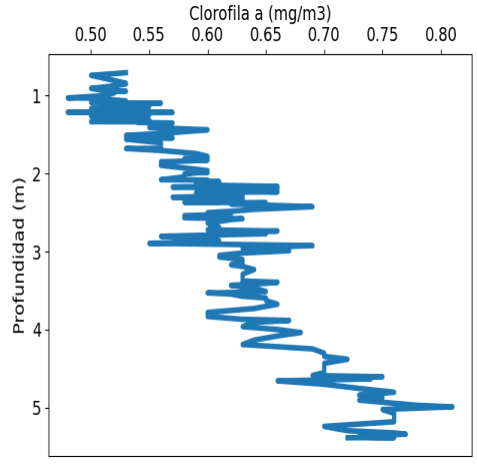
**Nombre: CTD N01 - Punto 005** **Fecha: 13/03/2024** **Hora: 08:03:11**

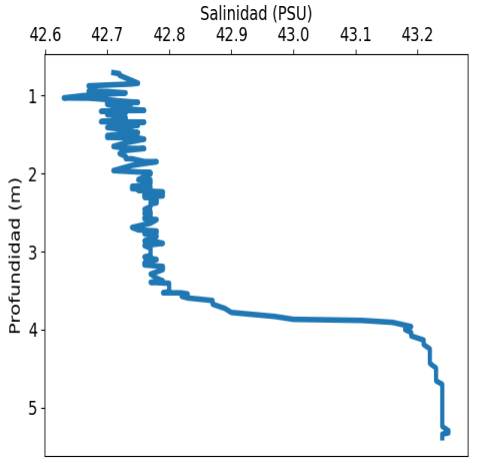


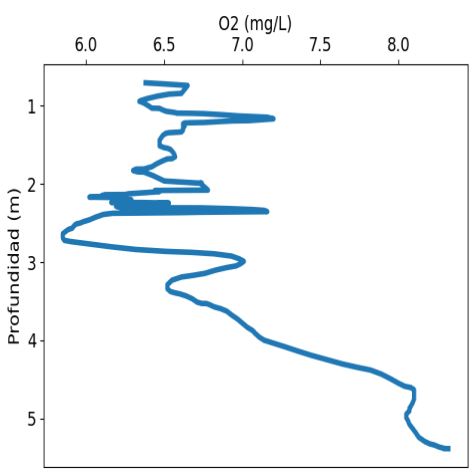



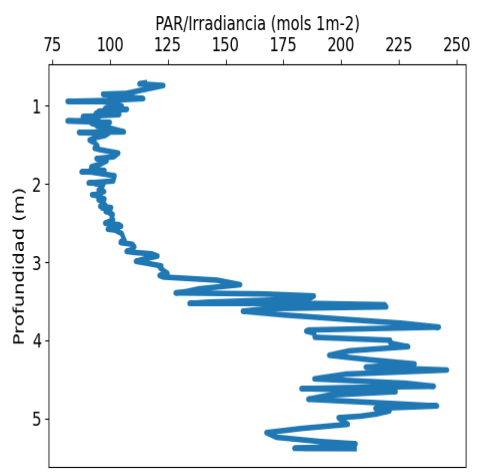




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.78 | 50.97 | 0.34 | 5.85 | 81.52 | 0.48 | 42.63 |
| **PROF (metros)** | 0.706 | 0.706 | 2.238 | 2.636 | 0.943 | 1.03 | 1.03 |
| **MÁXIMO** | 15.16 | 15.16 | 5.53 | 8.32 | 245.81 | 0.81 | 43.25 |
| **PROF (metros)** | 4.702 | 5.297 | 0.841 | 5.387 | 4.381 | 4.991 | 5.297 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD N01 - Punto 005 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.81 | 51.0 | 3.4 | 6.45 | 104.53 | 0.52 | 42.71 |
| 1 - 2m | 14.85 | 51.07 | 1.15 | 6.6 | 95.67 | 0.55 | 42.73 |
| 2 - 3m | 14.86 | 51.13 | 0.56 | 6.33 | 100.88 | 0.61 | 42.77 |
| 3 - 4m | 14.94 | 51.31 | 0.87 | 6.81 | 163.87 | 0.63 | 42.85 |
| 4 - 5m | 15.15 | 51.95 | 0.62 | 7.85 | 213.07 | 0.71 | 43.22 |
| 5 - 6m | 15.16 | 51.99 | 0.54 | 8.19 | 190.48 | 0.74 | 43.24 |

| OBSERVACIONES GENERALES |
|---|
| |

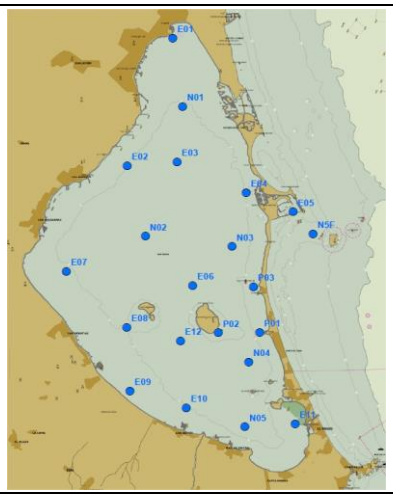
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.706 | 14.78 | 50.97 | 1.68 | 6.38 | 115.12 | 0.53 | 42.71 |
| 0.719 | 14.78 | 50.98 | 3.59 | 6.49 | 112.61 | 0.52 | 42.72 |
| 0.74 | 14.78 | 50.98 | 1.87 | 6.65 | 123.09 | 0.5 | 42.72 |
| 0.841 | 14.79 | 51.02 | 5.53 | 6.61 | 107.04 | 0.53 | 42.75 |
| 0.851 | 14.79 | 51.02 | 3.62 | 6.53 | 96.86 | 0.53 | 42.74 |
| 0.875 | 14.81 | 50.97 | 4.23 | 6.46 | 104.0 | 0.52 | 42.67 |
| 0.908 | 14.83 | 51.0 | 3.59 | 6.39 | 114.4 | 0.5 | 42.68 |
| 0.933 | 14.83 | 51.0 | 3.93 | 6.35 | 97.9 | 0.51 | 42.68 |
| 0.943 | 14.83 | 50.99 | 2.75 | 6.34 | 81.52 | 0.53 | 42.67 |
| 0.948 | 14.83 | 51.03 | 1.6 | 6.35 | 97.56 | 0.52 | 42.7 |
| 0.966 | 14.84 | 51.06 | 4.96 | 6.37 | 99.68 | 0.52 | 42.73 |
| 1.002 | 14.85 | 50.99 | 3.66 | 6.4 | 105.09 | 0.51 | 42.66 |
| 1.03 | 14.85 | 50.97 | 2.98 | 6.42 | 99.34 | 0.48 | 42.63 |
| 1.033 | 14.84 | 51.0 | 1.18 | 6.47 | 97.78 | 0.5 | 42.67 |
| 1.044 | 14.85 | 51.03 | 1.11 | 6.48 | 107.33 | 0.51 | 42.69 |
| 1.069 | 14.85 | 51.07 | 1.03 | 6.51 | 94.99 | 0.53 | 42.72 |
| 1.087 | 14.84 | 51.09 | 1.34 | 6.57 | 102.42 | 0.5 | 42.75 |
| 1.094 | 14.84 | 51.03 | 1.37 | 6.58 | 93.83 | 0.52 | 42.7 |
| 1.096 | 14.83 | 51.06 | 2.06 | 6.67 | 103.93 | 0.56 | 42.74 |
| 1.1 | 14.82 | 51.06 | 1.45 | 6.75 | 101.93 | 0.53 | 42.74 |
| 1.113 | 14.83 | 51.01 | 1.6 | 6.86 | 103.93 | 0.52 | 42.7 |
| 1.13 | 14.83 | 51.03 | 3.17 | 6.98 | 92.88 | 0.55 | 42.71 |
| 1.139 | 14.82 | 51.05 | 2.36 | 7.08 | 88.14 | 0.55 | 42.73 |
| 1.146 | 14.82 | 51.03 | 2.02 | 7.16 | 93.38 | 0.53 | 42.72 |
| 1.167 | 14.82 | 51.04 | 1.34 | 7.2 | 94.86 | 0.5 | 42.73 |
| 1.19 | 14.82 | 51.08 | 2.02 | 7.04 | 89.87 | 0.53 | 42.76 |
| 1.193 | 14.83 | 51.05 | 1.3 | 6.94 | 81.52 | 0.52 | 42.73 |
| 1.202 | 14.83 | 51.01 | 1.41 | 6.85 | 88.43 | 0.55 | 42.69 |
| 1.213 | 14.84 | 51.05 | 1.18 | 6.76 | 99.96 | 0.48 | 42.73 |
| 1.217 | 14.83 | 51.03 | 1.03 | 6.66 | 95.59 | 0.57 | 42.71 |
| 1.22 | 14.83 | 51.05 | 1.68 | 6.63 | 91.77 | 0.54 | 42.73 |
| 1.23 | 14.84 | 51.05 | 1.34 | 6.62 | 92.41 | 0.53 | 42.72 |
| 1.244 | 14.84 | 51.04 | 0.95 | 6.62 | 94.58 | 0.55 | 42.7 |
| 1.262 | 14.84 | 51.05 | 0.88 | 6.63 | 94.31 | 0.5 | 42.72 |
| 1.281 | 14.84 | 51.07 | 1.03 | 6.62 | 99.27 | 0.53 | 42.73 |
| 1.313 | 14.84 | 51.06 | 1.64 | 6.62 | 103.5 | 0.55 | 42.73 |

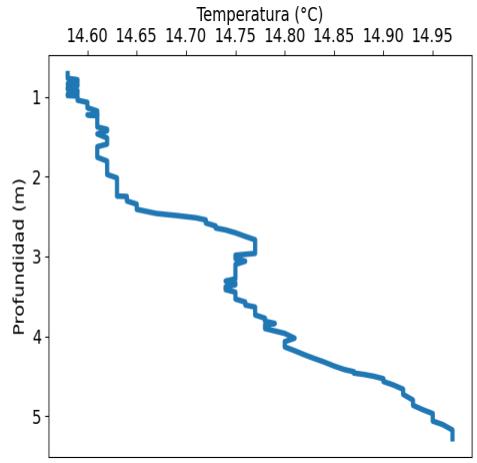
| 1.334 | 14.84 | 51.02 | 1.98 | 6.61 | 106.02 | 0.5 | 42.69 |
|---|---|---|---|---|---|---|---|
| 1.337 | 14.84 | 51.07 | 1.34 | 6.59 | 94.8 | 0.55 | 42.73 |
| 1.34 | 14.83 | 51.09 | 1.34 | 6.56 | 86.46 | 0.54 | 42.76 |
| 1.344 | 14.84 | 51.04 | 1.26 | 6.53 | 87.45 | 0.54 | 42.71 |
| 1.352 | 14.85 | 51.06 | 0.95 | 6.51 | 99.27 | 0.57 | 42.72 |
| 1.38 | 14.84 | 51.09 | 0.95 | 6.49 | 97.83 | 0.56 | 42.75 |
| 1.409 | 14.85 | 51.05 | 0.72 | 6.48 | 93.44 | 0.55 | 42.7 |
| 1.439 | 14.85 | 51.07 | 0.95 | 6.47 | 91.03 | 0.6 | 42.73 |
| 1.475 | 14.85 | 51.1 | 0.65 | 6.47 | 93.44 | 0.57 | 42.75 |
| 1.512 | 14.85 | 51.05 | 0.42 | 6.47 | 94.53 | 0.53 | 42.7 |
| 1.536 | 14.86 | 51.06 | 0.53 | 6.5 | 93.55 | 0.56 | 42.7 |
| 1.543 | 14.85 | 51.1 | 0.57 | 6.52 | 93.23 | 0.57 | 42.75 |
| 1.559 | 14.85 | 51.11 | 0.72 | 6.54 | 95.26 | 0.53 | 42.76 |
| 1.605 | 14.85 | 51.08 | 0.53 | 6.56 | 103.59 | 0.56 | 42.73 |
| 1.652 | 14.86 | 51.06 | 0.57 | 6.57 | 101.64 | 0.56 | 42.71 |
| 1.676 | 14.85 | 51.08 | 0.65 | 6.55 | 94.05 | 0.56 | 42.73 |
| 1.679 | 14.86 | 51.11 | 0.5 | 6.52 | 95.5 | 0.53 | 42.76 |
| 1.704 | 14.86 | 51.09 | 0.53 | 6.49 | 98.56 | 0.56 | 42.73 |
| 1.743 | 14.87 | 51.08 | 0.53 | 6.45 | 95.99 | 0.59 | 42.72 |
| 1.78 | 14.87 | 51.1 | 0.65 | 6.42 | 91.83 | 0.6 | 42.73 |
| 1.809 | 14.87 | 51.1 | 0.69 | 6.37 | 92.84 | 0.6 | 42.73 |
| 1.81 | 14.88 | 51.11 | 0.42 | 6.32 | 91.58 | 0.58 | 42.74 |
| 1.828 | 14.88 | 51.14 | 0.53 | 6.3 | 97.63 | 0.6 | 42.75 |
| 1.846 | 14.86 | 51.12 | 0.61 | 6.33 | 87.57 | 0.57 | 42.76 |
| 1.848 | 14.86 | 51.14 | 0.46 | 6.37 | 91.85 | 0.56 | 42.78 |
| 1.895 | 14.87 | 51.1 | 0.57 | 6.43 | 101.97 | 0.56 | 42.74 |
| 1.962 | 14.87 | 51.09 | 0.76 | 6.5 | 101.41 | 0.6 | 42.71 |
| 1.988 | 14.86 | 51.13 | 0.5 | 6.71 | 90.63 | 0.6 | 42.77 |
| 1.989 | 14.86 | 51.13 | 0.5 | 6.74 | 94.8 | 0.59 | 42.76 |
| 1.991 | 14.85 | 51.11 | 0.5 | 6.73 | 93.08 | 0.59 | 42.77 |
| 2.008 | 14.85 | 51.11 | 0.72 | 6.74 | 97.06 | 0.58 | 42.77 |
| 2.042 | 14.85 | 51.11 | 0.42 | 6.76 | 96.46 | 0.58 | 42.76 |
| 2.079 | 14.85 | 51.1 | 0.42 | 6.78 | 94.97 | 0.56 | 42.75 |
| 2.083 | 14.85 | 51.12 | 0.53 | 6.44 | 96.37 | 0.6 | 42.77 |
| 2.097 | 14.85 | 51.12 | 0.61 | 6.47 | 97.47 | 0.6 | 42.77 |
| 2.104 | 14.85 | 51.11 | 0.69 | 6.43 | 95.3 | 0.61 | 42.76 |
| 2.126 | 14.86 | 51.13 | 0.42 | 6.27 | 95.9 | 0.59 | 42.77 |
| 2.135 | 14.86 | 51.11 | 0.38 | 6.25 | 93.51 | 0.61 | 42.76 |
| 2.137 | 14.86 | 51.11 | 0.65 | 6.12 | 92.09 | 0.59 | 42.76 |
| 2.148 | 14.86 | 51.12 | 0.61 | 6.1 | 93.77 | 0.6 | 42.76 |
| 2.165 | 14.86 | 51.1 | 0.53 | 6.09 | 95.83 | 0.66 | 42.74 |
| 2.169 | 14.86 | 51.12 | 0.65 | 6.02 | 95.04 | 0.58 | 42.77 |
| 2.173 | 14.86 | 51.13 | 0.5 | 6.18 | 95.79 | 0.57 | 42.77 |
| 2.193 | 14.86 | 51.1 | 0.61 | 6.24 | 97.63 | 0.66 | 42.74 |
| 2.203 | 14.86 | 51.12 | 0.46 | 6.29 | 94.9 | 0.6 | 42.76 |
| 2.215 | 14.86 | 51.11 | 0.53 | 6.26 | 97.2 | 0.6 | 42.75 |
| 2.236 | 14.86 | 51.15 | 0.46 | 6.16 | 97.29 | 0.66 | 42.79 |
| 2.238 | 14.85 | 51.13 | 0.34 | 6.37 | 96.23 | 0.6 | 42.78 |
| 2.245 | 14.85 | 51.14 | 0.53 | 6.53 | 96.44 | 0.6 | 42.79 |
| 2.248 | 14.86 | 51.12 | 0.5 | 6.46 | 96.48 | 0.59 | 42.76 |
| 2.272 | 14.86 | 51.12 | 0.57 | 6.39 | 97.99 | 0.61 | 42.76 |
| 2.285 | 14.85 | 51.14 | 0.61 | 6.19 | 95.63 | 0.63 | 42.79 |
| 2.303 | 14.86 | 51.12 | 0.38 | 6.22 | 100.5 | 0.57 | 42.76 |
| 2.306 | 14.85 | 51.13 | 0.72 | 6.74 | 96.44 | 0.63 | 42.78 |
| 2.316 | 14.85 | 51.13 | 0.69 | 6.92 | 98.79 | 0.61 | 42.78 |
| 2.327 | 14.85 | 51.13 | 0.53 | 7.06 | 100.17 | 0.6 | 42.78 |
| 2.338 | 14.85 | 51.13 | 0.53 | 7.14 | 98.47 | 0.63 | 42.78 |
| 2.354 | 14.85 | 51.13 | 0.69 | 7.16 | 98.01 | 0.6 | 42.77 |

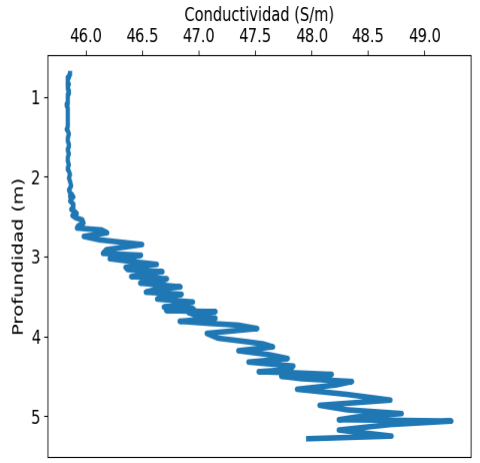
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2.362 | 14.86 | 51.13 | 0.57 | 6.73 | 99.94 | 0.61 | 42.77 |
| 2.367 | 14.86 | 51.14 | 0.65 | 6.59 | 99.43 | 0.58 | 42.78 |
| 2.375 | 14.86 | 51.14 | 0.53 | 6.17 | 100.08 | 0.65 | 42.78 |
| 2.39 | 14.86 | 51.14 | 0.5 | 6.11 | 101.2 | 0.62 | 42.77 |
| 2.425 | 14.86 | 51.13 | 0.53 | 6.06 | 100.64 | 0.69 | 42.77 |
| 2.459 | 14.86 | 51.13 | 0.5 | 6.02 | 101.34 | 0.64 | 42.76 |
| 2.484 | 14.87 | 51.14 | 0.65 | 5.98 | 99.25 | 0.62 | 42.77 |
| 2.501 | 14.87 | 51.14 | 0.5 | 5.96 | 97.78 | 0.6 | 42.77 |
| 2.509 | 14.87 | 51.13 | 0.5 | 5.94 | 98.9 | 0.6 | 42.76 |
| 2.52 | 14.87 | 51.14 | 0.65 | 5.93 | 103.88 | 0.62 | 42.77 |
| 2.54 | 14.87 | 51.14 | 0.61 | 5.92 | 104.83 | 0.58 | 42.77 |
| 2.567 | 14.87 | 51.13 | 0.65 | 5.91 | 101.1 | 0.58 | 42.76 |
| 2.579 | 14.88 | 51.14 | 0.65 | 5.89 | 98.92 | 0.63 | 42.76 |
| 2.59 | 14.88 | 51.16 | 0.61 | 5.88 | 102.07 | 0.62 | 42.78 |
| 2.636 | 14.88 | 51.15 | 0.65 | 5.85 | 105.12 | 0.6 | 42.77 |
| 2.691 | 14.89 | 51.13 | 0.46 | 5.85 | 105.75 | 0.61 | 42.74 |
| 2.722 | 14.88 | 51.14 | 0.53 | 5.86 | 106.29 | 0.6 | 42.75 |
| 2.737 | 14.87 | 51.16 | 0.46 | 5.9 | 104.66 | 0.66 | 42.78 |
| 2.75 | 14.87 | 51.15 | 0.5 | 5.95 | 104.49 | 0.62 | 42.78 |
| 2.772 | 14.88 | 51.14 | 0.46 | 6.03 | 109.67 | 0.65 | 42.76 |
| 2.804 | 14.88 | 51.16 | 0.46 | 6.16 | 110.54 | 0.56 | 42.78 |
| 2.839 | 14.88 | 51.15 | 0.57 | 6.32 | 109.44 | 0.6 | 42.77 |
| 2.863 | 14.88 | 51.14 | 0.38 | 6.51 | 107.06 | 0.61 | 42.76 |
| 2.876 | 14.88 | 51.16 | 0.57 | 6.68 | 110.36 | 0.6 | 42.78 |
| 2.894 | 14.88 | 51.17 | 0.38 | 6.82 | 117.92 | 0.55 | 42.79 |
| 2.923 | 14.88 | 51.15 | 0.46 | 6.93 | 120.55 | 0.69 | 42.76 |
| 2.958 | 14.88 | 51.15 | 0.92 | 6.98 | 114.96 | 0.63 | 42.77 |
| 2.99 | 14.88 | 51.16 | 1.03 | 7.01 | 111.11 | 0.67 | 42.77 |
| 3.019 | 14.88 | 51.16 | 1.26 | 6.99 | 116.78 | 0.63 | 42.77 |
| 3.049 | 14.88 | 51.15 | 2.33 | 6.96 | 122.21 | 0.61 | 42.77 |
| 3.07 | 14.88 | 51.15 | 1.41 | 6.9 | 121.48 | 0.61 | 42.76 |
| 3.102 | 14.89 | 51.17 | 1.22 | 6.83 | 122.78 | 0.63 | 42.78 |
| 3.144 | 14.89 | 51.16 | 1.45 | 6.76 | 124.87 | 0.63 | 42.76 |
| 3.171 | 14.89 | 51.16 | 1.87 | 6.68 | 121.31 | 0.62 | 42.76 |
| 3.191 | 14.89 | 51.19 | 1.34 | 6.61 | 123.01 | 0.63 | 42.79 |
| 3.231 | 14.89 | 51.2 | 0.95 | 6.55 | 146.29 | 0.64 | 42.79 |
| 3.289 | 14.9 | 51.18 | 1.37 | 6.52 | 156.32 | 0.63 | 42.77 |
| 3.342 | 14.9 | 51.19 | 0.92 | 6.52 | 138.44 | 0.63 | 42.78 |
| 3.377 | 14.91 | 51.2 | 0.57 | 6.54 | 133.03 | 0.63 | 42.79 |
| 3.394 | 14.91 | 51.19 | 0.53 | 6.57 | 128.28 | 0.66 | 42.77 |
| 3.407 | 14.91 | 51.22 | 0.5 | 6.6 | 166.07 | 0.65 | 42.8 |
| 3.433 | 14.91 | 51.23 | 0.42 | 6.64 | 188.21 | 0.62 | 42.8 |
| 3.47 | 14.92 | 51.23 | 0.53 | 6.68 | 186.04 | 0.64 | 42.8 |
| 3.512 | 14.92 | 51.23 | 0.69 | 6.71 | 142.77 | 0.65 | 42.8 |
| 3.529 | 14.92 | 51.22 | 0.53 | 6.74 | 134.27 | 0.61 | 42.79 |
| 3.53 | 14.92 | 51.25 | 0.53 | 6.77 | 189.34 | 0.6 | 42.82 |
| 3.545 | 14.93 | 51.27 | 0.53 | 6.79 | 218.86 | 0.62 | 42.83 |
| 3.573 | 14.94 | 51.28 | 0.76 | 6.82 | 219.57 | 0.63 | 42.82 |
| 3.595 | 14.94 | 51.3 | 0.57 | 6.86 | 168.12 | 0.65 | 42.83 |
| 3.628 | 14.95 | 51.34 | 0.57 | 6.9 | 157.37 | 0.65 | 42.87 |
| 3.675 | 14.96 | 51.36 | 0.69 | 6.93 | 174.63 | 0.66 | 42.87 |
| 3.73 | 14.97 | 51.39 | 0.92 | 6.97 | 200.59 | 0.64 | 42.89 |
| 3.781 | 14.98 | 51.41 | 0.65 | 7.0 | 225.81 | 0.6 | 42.9 |
| 3.832 | 14.99 | 51.49 | 0.8 | 7.03 | 242.3 | 0.6 | 42.97 |
| 3.869 | 15.01 | 51.56 | 0.69 | 7.06 | 185.87 | 0.63 | 43.0 |
| 3.883 | 15.04 | 51.7 | 0.5 | 7.07 | 184.79 | 0.67 | 43.11 |
| 3.908 | 15.07 | 51.79 | 0.53 | 7.08 | 188.29 | 0.64 | 43.16 |
| 3.962 | 15.09 | 51.84 | 0.61 | 7.11 | 188.51 | 0.63 | 43.19 |

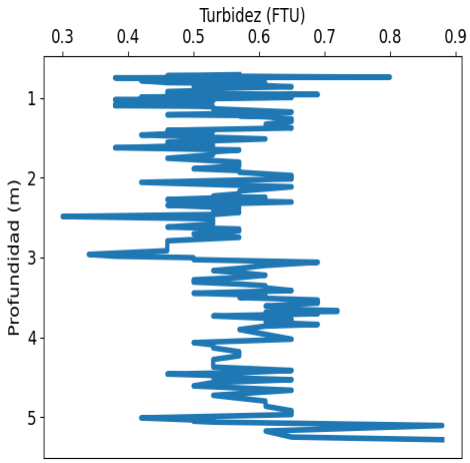
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4.0 | 15.11 | 51.85 | 0.69 | 7.14 | 221.2 | 0.66 | 43.18 |
| 4.038 | 15.12 | 51.88 | 0.5 | 7.2 | 221.26 | 0.68 | 43.19 |
| 4.082 | 15.12 | 51.89 | 0.46 | 7.27 | 229.03 | 0.66 | 43.19 |
| 4.135 | 15.13 | 51.91 | 0.65 | 7.35 | 203.54 | 0.64 | 43.21 |
| 4.192 | 15.14 | 51.92 | 0.88 | 7.44 | 194.73 | 0.63 | 43.21 |
| 4.248 | 15.14 | 51.93 | 0.88 | 7.54 | 211.87 | 0.69 | 43.22 |
| 4.303 | 15.14 | 51.94 | 0.61 | 7.64 | 231.81 | 0.7 | 43.22 |
| 4.344 | 15.15 | 51.94 | 0.92 | 7.73 | 210.55 | 0.7 | 43.22 |
| 4.381 | 15.15 | 51.95 | 0.72 | 7.82 | 245.81 | 0.72 | 43.22 |
| 4.433 | 15.15 | 51.95 | 0.5 | 7.89 | 202.09 | 0.7 | 43.22 |
| 4.494 | 15.15 | 51.96 | 0.61 | 7.95 | 188.34 | 0.7 | 43.23 |
| 4.55 | 15.15 | 51.96 | 0.57 | 8.0 | 227.71 | 0.7 | 43.23 |
| 4.589 | 15.15 | 51.96 | 0.69 | 8.04 | 240.12 | 0.69 | 43.23 |
| 4.606 | 15.15 | 51.96 | 0.72 | 8.08 | 202.79 | 0.75 | 43.23 |
| 4.62 | 15.15 | 51.96 | 0.34 | 8.09 | 182.7 | 0.71 | 43.23 |
| 4.633 | 15.15 | 51.97 | 0.38 | 8.1 | 204.54 | 0.74 | 43.23 |
| 4.658 | 15.15 | 51.97 | 0.5 | 8.1 | 223.63 | 0.66 | 43.23 |
| 4.702 | 15.16 | 51.97 | 0.84 | 8.1 | 194.77 | 0.7 | 43.24 |
| 4.755 | 15.16 | 51.98 | 0.76 | 8.1 | 185.69 | 0.73 | 43.24 |
| 4.804 | 15.16 | 51.98 | 0.69 | 8.09 | 218.4 | 0.76 | 43.24 |
| 4.841 | 15.16 | 51.98 | 0.5 | 8.08 | 241.51 | 0.73 | 43.24 |
| 4.872 | 15.16 | 51.98 | 0.53 | 8.07 | 214.74 | 0.75 | 43.24 |
| 4.905 | 15.16 | 51.98 | 0.65 | 8.07 | 220.95 | 0.73 | 43.24 |
| 4.945 | 15.16 | 51.98 | 0.57 | 8.05 | 214.94 | 0.76 | 43.24 |
| 4.972 | 15.16 | 51.98 | 0.53 | 8.05 | 208.22 | 0.78 | 43.24 |
| 4.991 | 15.16 | 51.98 | 0.38 | 8.05 | 198.79 | 0.81 | 43.24 |
| 5.025 | 15.16 | 51.98 | 0.57 | 8.06 | 200.22 | 0.75 | 43.24 |
| 5.076 | 15.16 | 51.98 | 0.42 | 8.07 | 202.93 | 0.76 | 43.24 |
| 5.128 | 15.16 | 51.98 | 0.72 | 8.09 | 183.09 | 0.76 | 43.24 |
| 5.182 | 15.16 | 51.98 | 0.61 | 8.11 | 167.57 | 0.76 | 43.24 |
| 5.242 | 15.16 | 51.98 | 0.53 | 8.13 | 171.98 | 0.7 | 43.24 |
| 5.297 | 15.16 | 51.99 | 0.42 | 8.17 | 191.2 | 0.72 | 43.25 |
| 5.325 | 15.16 | 51.99 | 0.53 | 8.2 | 206.3 | 0.76 | 43.25 |
| 5.341 | 15.16 | 51.99 | 0.46 | 8.23 | 198.33 | 0.77 | 43.24 |
| 5.366 | 15.16 | 51.99 | 0.42 | 8.26 | 193.2 | 0.73 | 43.24 |
| 5.382 | 15.16 | 51.99 | 0.46 | 8.29 | 179.68 | 0.74 | 43.24 |
| 5.386 | 15.16 | 51.99 | 0.53 | 8.29 | 185.35 | 0.76 | 43.24 |
| 5.387 | 15.16 | 51.99 | 0.8 | 8.32 | 205.87 | 0.72 | 43.24 |

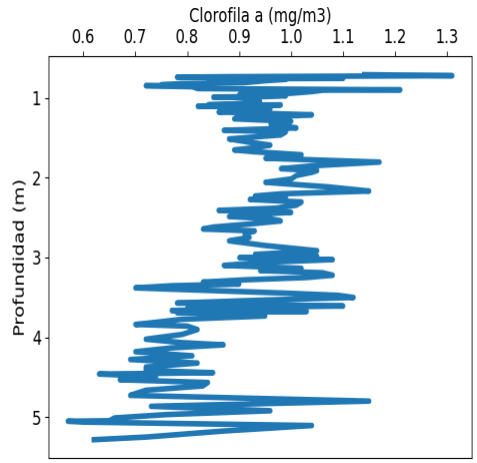
**Nombre: CTD E05 - Punto 006** **Fecha: 13/03/2024** **Hora: 09:03:31**

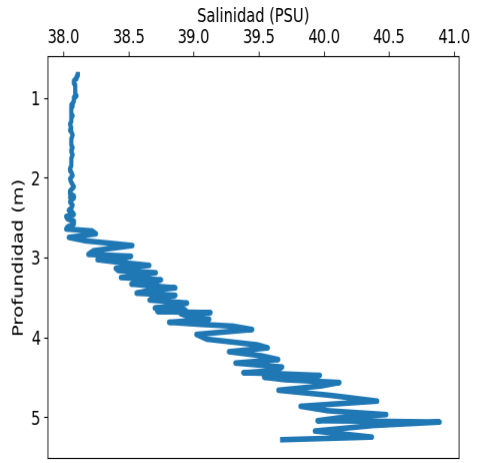


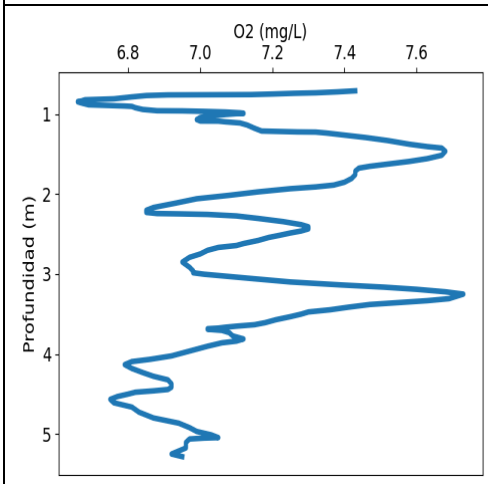



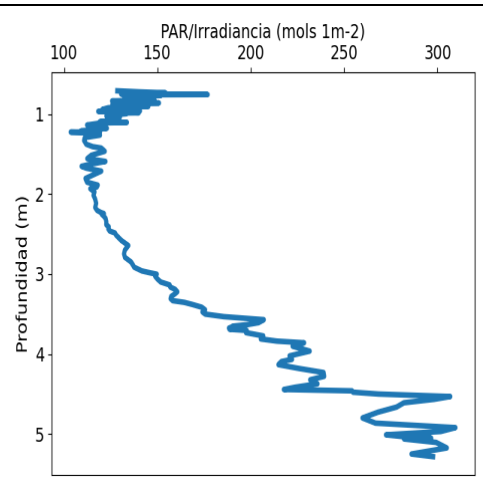




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.58 | 45.83 | 0.31 | 6.66 | 103.57 | 0.57 | 38.02 |
| **PROF (metros)** | 0.708 | 1.087 | 2.486 | 0.842 | 1.224 | 5.052 | 2.486 |
| **MÁXIMO** | 14.97 | 14.97 | 0.88 | 7.73 | 309.63 | 1.31 | 40.89 |
| **PROF (metros)** | 5.175 | 5.063 | 5.106 | 3.251 | 4.921 | 0.721 | 5.063 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E05 - Punto 006 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.58 | 45.84 | 0.55 | 6.96 | 136.47 | 0.94 | 38.09 |
| 1 - 2m | 14.61 | 45.84 | 0.53 | 7.33 | 117.6 | 0.96 | 38.06 |
| 2 - 3m | 14.69 | 45.98 | 0.52 | 7.07 | 126.75 | 0.96 | 38.11 |
| 3 - 4m | 14.76 | 46.76 | 0.6 | 7.27 | 181.22 | 0.9 | 38.77 |
| 4 - 5m | 14.87 | 47.89 | 0.57 | 6.86 | 253.74 | 0.78 | 39.71 |
| 5 - 6m | 14.96 | 48.52 | 0.62 | 6.98 | 290.72 | 0.72 | 40.21 |

| OBSERVACIONES GENERALES |
|---|
| |

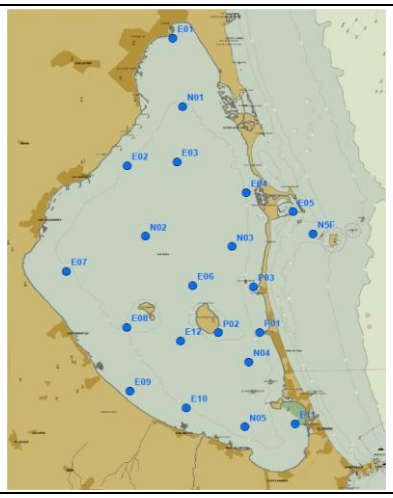
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.708 | 14.58 | 45.86 | 0.57 | 7.43 | 128.54 | 1.14 | 38.11 |
| 0.721 | 14.58 | 45.86 | 0.46 | 7.38 | 140.31 | 1.31 | 38.11 |
| 0.733 | 14.58 | 45.85 | 0.65 | 7.32 | 154.37 | 0.89 | 38.1 |
| 0.739 | 14.58 | 45.85 | 0.8 | 7.26 | 147.14 | 0.78 | 38.1 |
| 0.748 | 14.58 | 45.85 | 0.38 | 7.2 | 130.56 | 1.05 | 38.1 |
| 0.755 | 14.58 | 45.84 | 0.5 | 7.14 | 176.95 | 1.1 | 38.1 |
| 0.758 | 14.58 | 45.85 | 0.61 | 6.99 | 134.33 | 0.96 | 38.1 |
| 0.759 | 14.58 | 45.84 | 0.5 | 6.91 | 137.45 | 0.84 | 38.1 |
| 0.767 | 14.58 | 45.84 | 0.5 | 6.85 | 151.82 | 0.99 | 38.09 |
| 0.784 | 14.59 | 45.84 | 0.42 | 6.81 | 132.29 | 0.95 | 38.08 |
| 0.808 | 14.59 | 45.84 | 0.46 | 6.76 | 137.61 | 0.91 | 38.08 |
| 0.82 | 14.59 | 45.84 | 0.61 | 6.68 | 148.44 | 0.79 | 38.08 |
| 0.835 | 14.58 | 45.84 | 0.5 | 6.67 | 125.72 | 0.75 | 38.09 |
| 0.842 | 14.59 | 45.85 | 0.61 | 6.66 | 132.23 | 0.83 | 38.09 |
| 0.846 | 14.59 | 45.84 | 0.61 | 6.66 | 129.35 | 0.72 | 38.09 |
| 0.86 | 14.59 | 45.84 | 0.65 | 6.67 | 150.87 | 0.81 | 38.09 |
| 0.883 | 14.58 | 45.84 | 0.5 | 6.69 | 125.83 | 0.82 | 38.09 |
| 0.898 | 14.58 | 45.84 | 0.5 | 6.79 | 128.99 | 1.21 | 38.09 |
| 0.903 | 14.58 | 45.84 | 0.53 | 6.81 | 145.18 | 1.06 | 38.09 |
| 0.92 | 14.59 | 45.85 | 0.46 | 6.82 | 123.69 | 1.04 | 38.09 |
| 0.941 | 14.59 | 45.85 | 0.46 | 6.84 | 120.52 | 1.0 | 38.09 |
| 0.957 | 14.59 | 45.85 | 0.69 | 6.88 | 139.08 | 0.9 | 38.09 |
| 0.959 | 14.59 | 45.85 | 0.65 | 6.95 | 140.74 | 0.9 | 38.09 |
| 0.965 | 14.58 | 45.84 | 0.61 | 7.01 | 118.31 | 0.98 | 38.09 |
| 0.973 | 14.58 | 45.84 | 0.61 | 7.07 | 131.01 | 0.99 | 38.1 |
| 0.983 | 14.58 | 45.84 | 0.5 | 7.11 | 140.02 | 0.95 | 38.09 |
| 0.988 | 14.59 | 45.84 | 0.42 | 7.12 | 124.5 | 0.85 | 38.09 |
| 0.992 | 14.59 | 45.84 | 0.57 | 7.12 | 128.48 | 0.85 | 38.08 |
| 0.994 | 14.59 | 45.84 | 0.65 | 7.1 | 133.31 | 0.89 | 38.08 |
| 1.004 | 14.59 | 45.84 | 0.57 | 7.07 | 129.08 | 0.92 | 38.08 |
| 1.022 | 14.59 | 45.84 | 0.38 | 7.03 | 122.66 | 0.93 | 38.08 |
| 1.041 | 14.59 | 45.84 | 0.53 | 7.0 | 129.89 | 0.94 | 38.08 |
| 1.068 | 14.6 | 45.84 | 0.5 | 6.99 | 128.37 | 0.92 | 38.07 |
| 1.086 | 14.6 | 45.84 | 0.38 | 7.0 | 122.58 | 0.84 | 38.07 |
| 1.087 | 14.6 | 45.83 | 0.46 | 7.05 | 122.41 | 0.98 | 38.06 |
| 1.096 | 14.6 | 45.83 | 0.38 | 7.07 | 119.08 | 0.92 | 38.07 |

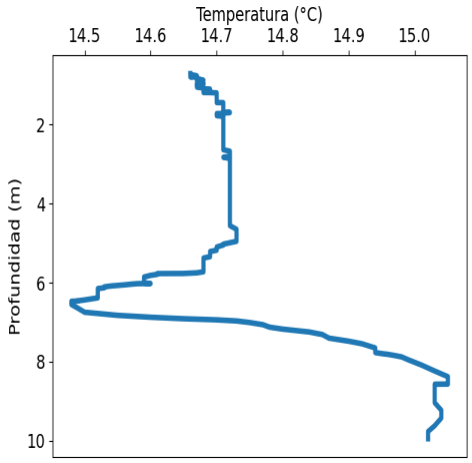
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.103 | 14.6 | 45.83 | 0.5 | 7.09 | 133.71 | 0.82 | 38.07 |
| 1.11 | 14.6 | 45.83 | 0.53 | 7.11 | 119.74 | 0.93 | 38.06 |
| 1.136 | 14.6 | 45.84 | 0.53 | 7.13 | 112.32 | 0.96 | 38.06 |
| 1.176 | 14.61 | 45.84 | 0.65 | 7.15 | 123.01 | 0.86 | 38.06 |
| 1.211 | 14.61 | 45.84 | 0.46 | 7.17 | 109.04 | 1.04 | 38.06 |
| 1.222 | 14.61 | 45.84 | 0.61 | 7.27 | 119.33 | 1.01 | 38.07 |
| 1.224 | 14.6 | 45.84 | 0.57 | 7.32 | 103.57 | 0.96 | 38.07 |
| 1.236 | 14.61 | 45.84 | 0.61 | 7.35 | 117.6 | 0.9 | 38.06 |
| 1.262 | 14.61 | 45.84 | 0.65 | 7.4 | 119.3 | 0.89 | 38.06 |
| 1.293 | 14.61 | 45.84 | 0.65 | 7.46 | 111.11 | 1.0 | 38.06 |
| 1.33 | 14.61 | 45.84 | 0.61 | 7.52 | 110.75 | 0.96 | 38.05 |
| 1.376 | 14.61 | 45.84 | 0.65 | 7.58 | 111.96 | 1.01 | 38.06 |
| 1.406 | 14.62 | 45.83 | 0.46 | 7.63 | 115.3 | 0.87 | 38.05 |
| 1.424 | 14.62 | 45.84 | 0.53 | 7.67 | 119.94 | 0.99 | 38.06 |
| 1.464 | 14.61 | 45.85 | 0.42 | 7.68 | 121.84 | 0.98 | 38.07 |
| 1.514 | 14.62 | 45.84 | 0.61 | 7.67 | 114.64 | 0.88 | 38.06 |
| 1.556 | 14.62 | 45.84 | 0.46 | 7.63 | 112.45 | 0.92 | 38.06 |
| 1.591 | 14.62 | 45.85 | 0.53 | 7.58 | 122.21 | 0.96 | 38.06 |
| 1.624 | 14.61 | 45.85 | 0.38 | 7.52 | 114.5 | 0.93 | 38.07 |
| 1.652 | 14.61 | 45.84 | 0.57 | 7.47 | 109.39 | 0.89 | 38.06 |
| 1.675 | 14.61 | 45.84 | 0.53 | 7.44 | 111.93 | 0.93 | 38.06 |
| 1.712 | 14.61 | 45.85 | 0.53 | 7.43 | 119.99 | 1.02 | 38.07 |
| 1.756 | 14.61 | 45.84 | 0.46 | 7.43 | 115.87 | 0.95 | 38.06 |
| 1.804 | 14.62 | 45.84 | 0.57 | 7.42 | 111.49 | 1.17 | 38.06 |
| 1.851 | 14.62 | 45.85 | 0.57 | 7.4 | 112.35 | 1.04 | 38.06 |
| 1.887 | 14.62 | 45.84 | 0.5 | 7.37 | 118.09 | 0.98 | 38.05 |
| 1.91 | 14.62 | 45.84 | 0.57 | 7.32 | 117.57 | 1.05 | 38.05 |
| 1.932 | 14.62 | 45.85 | 0.57 | 7.25 | 114.05 | 1.04 | 38.06 |
| 1.972 | 14.62 | 45.86 | 0.65 | 7.16 | 116.35 | 1.01 | 38.07 |
| 2.015 | 14.63 | 45.85 | 0.65 | 7.08 | 115.79 | 1.0 | 38.05 |
| 2.058 | 14.63 | 45.86 | 0.42 | 6.99 | 116.62 | 0.95 | 38.06 |
| 2.114 | 14.63 | 45.87 | 0.65 | 6.93 | 117.22 | 1.07 | 38.08 |
| 2.167 | 14.63 | 45.85 | 0.57 | 6.87 | 116.7 | 1.15 | 38.05 |
| 2.202 | 14.63 | 45.86 | 0.57 | 6.85 | 117.65 | 0.98 | 38.05 |
| 2.229 | 14.63 | 45.88 | 0.53 | 6.85 | 119.69 | 0.93 | 38.08 |
| 2.243 | 14.63 | 45.86 | 0.53 | 6.88 | 121.34 | 0.95 | 38.06 |
| 2.247 | 14.64 | 45.86 | 0.61 | 6.94 | 121.42 | 0.99 | 38.05 |
| 2.254 | 14.64 | 45.89 | 0.53 | 7.02 | 120.3 | 0.94 | 38.08 |
| 2.273 | 14.64 | 45.87 | 0.46 | 7.1 | 121.22 | 0.92 | 38.06 |
| 2.304 | 14.64 | 45.86 | 0.65 | 7.16 | 122.27 | 1.02 | 38.05 |
| 2.344 | 14.65 | 45.89 | 0.46 | 7.23 | 122.66 | 1.01 | 38.07 |
| 2.382 | 14.65 | 45.89 | 0.57 | 7.28 | 122.61 | 0.97 | 38.06 |
| 2.409 | 14.65 | 45.87 | 0.53 | 7.3 | 123.98 | 0.86 | 38.04 |
| 2.435 | 14.66 | 45.9 | 0.57 | 7.3 | 123.72 | 1.0 | 38.07 |
| 2.461 | 14.67 | 45.92 | 0.53 | 7.28 | 124.44 | 0.92 | 38.08 |
| 2.486 | 14.69 | 45.88 | 0.3 | 7.25 | 127.27 | 0.88 | 38.02 |
| 2.515 | 14.71 | 45.91 | 0.53 | 7.22 | 128.01 | 0.96 | 38.03 |
| 2.542 | 14.72 | 45.97 | 0.53 | 7.19 | 129.14 | 0.98 | 38.08 |
| 2.58 | 14.72 | 45.98 | 0.53 | 7.16 | 130.74 | 0.92 | 38.08 |
| 2.618 | 14.73 | 45.93 | 0.46 | 7.12 | 132.97 | 0.85 | 38.03 |
| 2.643 | 14.73 | 45.92 | 0.57 | 7.1 | 134.46 | 0.83 | 38.02 |
| 2.667 | 14.74 | 46.14 | 0.57 | 7.05 | 133.65 | 0.93 | 38.22 |
| 2.703 | 14.75 | 46.19 | 0.5 | 7.02 | 132.54 | 0.91 | 38.25 |
| 2.748 | 14.76 | 45.98 | 0.57 | 7.0 | 132.14 | 0.92 | 38.04 |
| 2.791 | 14.77 | 46.12 | 0.46 | 6.97 | 132.63 | 0.88 | 38.17 |
| 2.85 | 14.77 | 46.5 | 0.46 | 6.95 | 135.96 | 0.95 | 38.53 |
| 2.915 | 14.77 | 46.18 | 0.46 | 6.97 | 137.61 | 1.05 | 38.23 |
| 2.961 | 14.77 | 46.15 | 0.34 | 6.98 | 141.72 | 0.93 | 38.19 |

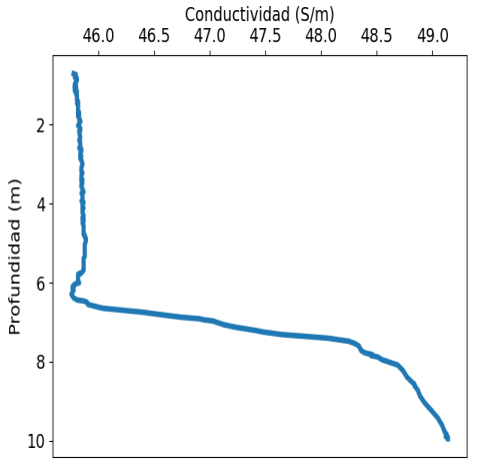
| 2.984 | 14.75 | 46.49 | 0.38 | 6.98 | 145.95 | 1.05 | 38.52 |
|---|---|---|---|---|---|---|---|
| 3.002 | 14.75 | 46.43 | 0.5 | 7.01 | 149.69 | 0.9 | 38.48 |
| 3.027 | 14.75 | 46.21 | 0.5 | 7.07 | 148.82 | 1.08 | 38.26 |
| 3.059 | 14.76 | 46.38 | 0.69 | 7.15 | 149.93 | 0.95 | 38.42 |
| 3.099 | 14.75 | 46.63 | 0.61 | 7.25 | 151.75 | 0.87 | 38.66 |
| 3.136 | 14.75 | 46.35 | 0.57 | 7.39 | 156.57 | 1.02 | 38.4 |
| 3.164 | 14.75 | 46.37 | 0.53 | 7.51 | 156.97 | 0.94 | 38.42 |
| 3.191 | 14.75 | 46.68 | 0.57 | 7.6 | 159.5 | 1.06 | 38.71 |
| 3.222 | 14.75 | 46.53 | 0.61 | 7.68 | 160.69 | 1.08 | 38.57 |
| 3.251 | 14.75 | 46.4 | 0.57 | 7.73 | 159.21 | 1.03 | 38.44 |
| 3.28 | 14.75 | 46.72 | 0.5 | 7.71 | 157.41 | 0.91 | 38.75 |
| 3.308 | 14.74 | 46.67 | 0.5 | 7.69 | 157.08 | 0.83 | 38.7 |
| 3.333 | 14.75 | 46.48 | 0.57 | 7.63 | 158.18 | 0.9 | 38.52 |
| 3.354 | 14.75 | 46.64 | 0.61 | 7.56 | 164.38 | 0.77 | 38.67 |
| 3.381 | 14.74 | 46.84 | 0.61 | 7.47 | 168.78 | 0.7 | 38.86 |
| 3.415 | 14.74 | 46.61 | 0.65 | 7.41 | 173.74 | 0.85 | 38.65 |
| 3.447 | 14.75 | 46.53 | 0.5 | 7.36 | 175.56 | 0.99 | 38.56 |
| 3.474 | 14.75 | 46.85 | 0.61 | 7.3 | 174.11 | 1.09 | 38.86 |
| 3.501 | 14.75 | 46.73 | 0.57 | 7.28 | 175.61 | 1.12 | 38.76 |
| 3.533 | 14.75 | 46.63 | 0.69 | 7.25 | 185.61 | 0.95 | 38.66 |
| 3.571 | 14.76 | 46.95 | 0.69 | 7.21 | 207.02 | 0.78 | 38.95 |
| 3.608 | 14.76 | 46.83 | 0.61 | 7.18 | 204.2 | 1.1 | 38.84 |
| 3.634 | 14.77 | 46.69 | 0.65 | 7.15 | 197.82 | 0.8 | 38.7 |
| 3.652 | 14.77 | 46.95 | 0.65 | 7.1 | 190.31 | 0.85 | 38.93 |
| 3.665 | 14.77 | 46.96 | 0.72 | 7.07 | 189.56 | 0.77 | 38.94 |
| 3.676 | 14.77 | 46.71 | 0.72 | 7.05 | 188.29 | 1.03 | 38.72 |
| 3.684 | 14.77 | 46.89 | 0.61 | 7.02 | 189.39 | 0.88 | 38.89 |
| 3.691 | 14.77 | 47.15 | 0.61 | 7.02 | 188.64 | 0.78 | 39.13 |
| 3.705 | 14.77 | 46.91 | 0.69 | 7.06 | 197.87 | 0.91 | 38.9 |
| 3.733 | 14.77 | 46.97 | 0.53 | 7.08 | 197.46 | 0.95 | 38.95 |
| 3.774 | 14.78 | 47.15 | 0.65 | 7.09 | 206.73 | 0.79 | 39.12 |
| 3.812 | 14.78 | 46.83 | 0.61 | 7.12 | 205.34 | 0.74 | 38.81 |
| 3.839 | 14.79 | 47.1 | 0.69 | 7.1 | 213.99 | 0.7 | 39.06 |
| 3.86 | 14.78 | 47.35 | 0.61 | 7.06 | 228.61 | 0.8 | 39.3 |
| 3.903 | 14.78 | 47.52 | 0.57 | 7.02 | 222.39 | 0.82 | 39.45 |
| 3.964 | 14.8 | 47.07 | 0.61 | 6.97 | 231.59 | 0.79 | 39.02 |
| 4.024 | 14.81 | 47.17 | 0.65 | 6.92 | 220.74 | 0.72 | 39.1 |
| 4.067 | 14.8 | 47.42 | 0.5 | 6.86 | 222.13 | 0.79 | 39.34 |
| 4.095 | 14.8 | 47.57 | 0.53 | 6.81 | 216.39 | 0.87 | 39.49 |
| 4.133 | 14.8 | 47.66 | 0.53 | 6.79 | 214.79 | 0.77 | 39.57 |
| 4.181 | 14.81 | 47.35 | 0.57 | 6.81 | 225.81 | 0.7 | 39.27 |
| 4.232 | 14.82 | 47.63 | 0.57 | 6.84 | 239.01 | 0.81 | 39.52 |
| 4.279 | 14.83 | 47.79 | 0.53 | 6.87 | 239.34 | 0.69 | 39.65 |
| 4.323 | 14.84 | 47.44 | 0.53 | 6.91 | 231.81 | 0.82 | 39.32 |
| 4.373 | 14.85 | 47.84 | 0.53 | 6.92 | 235.76 | 0.72 | 39.68 |
| 4.416 | 14.86 | 47.81 | 0.65 | 6.92 | 223.73 | 0.72 | 39.64 |
| 4.444 | 14.87 | 47.53 | 0.57 | 6.91 | 217.69 | 0.85 | 39.38 |
| 4.461 | 14.87 | 47.9 | 0.46 | 6.87 | 254.21 | 0.63 | 39.71 |
| 4.478 | 14.88 | 48.18 | 0.53 | 6.82 | 254.8 | 0.69 | 39.97 |
| 4.501 | 14.89 | 47.73 | 0.53 | 6.8 | 268.5 | 0.74 | 39.54 |
| 4.532 | 14.9 | 47.91 | 0.65 | 6.77 | 306.85 | 0.67 | 39.7 |
| 4.567 | 14.9 | 48.36 | 0.53 | 6.75 | 298.16 | 0.84 | 40.12 |
| 4.61 | 14.91 | 48.22 | 0.5 | 6.76 | 282.02 | 0.83 | 39.98 |
| 4.664 | 14.92 | 47.87 | 0.65 | 6.81 | 278.06 | 0.72 | 39.65 |
| 4.728 | 14.92 | 48.31 | 0.53 | 6.83 | 268.13 | 0.69 | 40.05 |
| 4.8 | 14.93 | 48.7 | 0.61 | 6.87 | 259.81 | 1.15 | 40.41 |
| 4.865 | 14.93 | 48.07 | 0.61 | 6.94 | 266.83 | 0.73 | 39.82 |
| 4.921 | 14.94 | 48.31 | 0.65 | 6.97 | 309.63 | 0.96 | 40.03 |

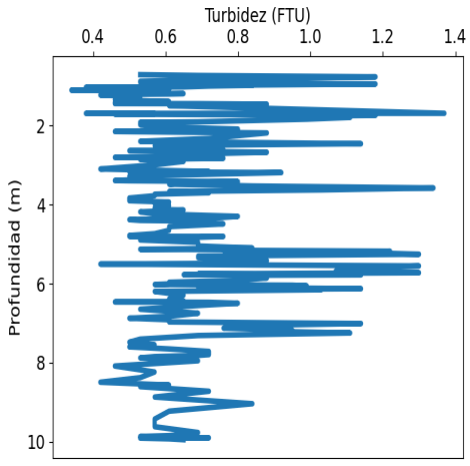
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4.969 | 14.95 | 48.8 | 0.65 | 6.99 | 301.77 | 0.76 | 40.48 |
| 5.011 | 14.95 | 48.4 | 0.42 | 7.03 | 272.39 | 0.66 | 40.11 |
| 5.046 | 14.95 | 48.24 | 0.53 | 7.05 | 286.64 | 0.65 | 39.95 |
| 5.052 | 14.95 | 48.68 | 0.5 | 7.01 | 296.64 | 0.57 | 40.37 |
| 5.063 | 14.95 | 49.24 | 0.53 | 6.97 | 282.09 | 0.6 | 40.89 |
| 5.106 | 14.96 | 48.7 | 0.88 | 6.96 | 299.26 | 1.04 | 40.38 |
| 5.175 | 14.97 | 48.24 | 0.61 | 6.96 | 305.0 | 0.87 | 39.93 |
| 5.251 | 14.97 | 48.71 | 0.65 | 6.92 | 286.04 | 0.72 | 40.37 |
| 5.284 | 14.97 | 47.97 | 0.88 | 6.95 | 297.67 | 0.62 | 39.68 |

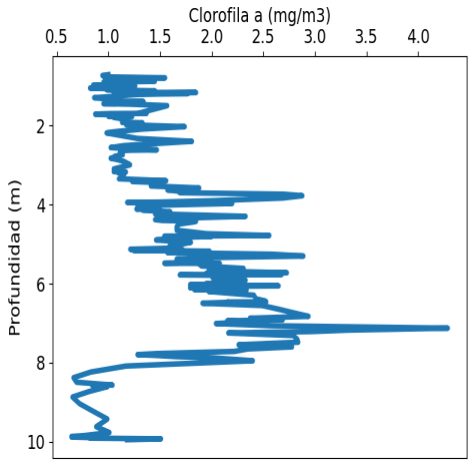
**Nombre: CTD N5F - Punto 007** **Fecha: 13/03/2024** **Hora: 09:03:55**

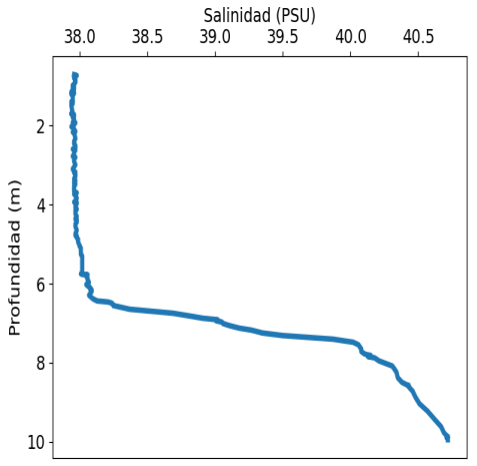


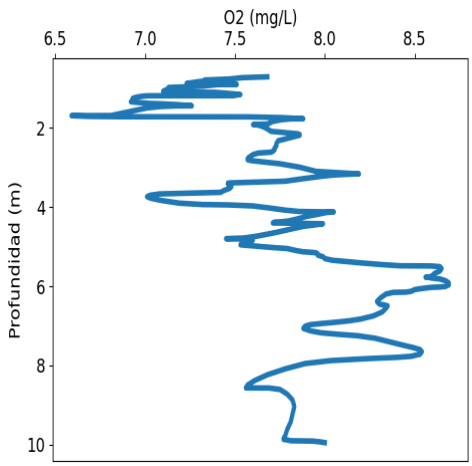



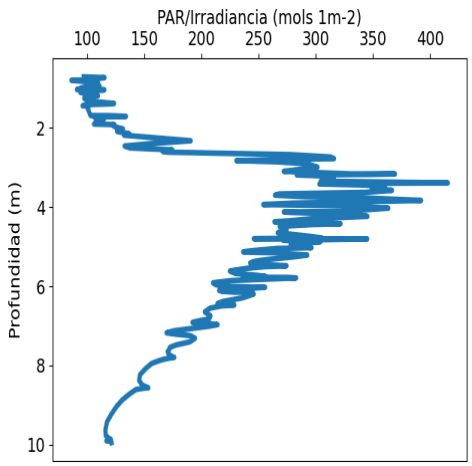




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.48 | 45.76 | 0.34 | 6.59 | 86.04 | 0.64 | 37.94 |
| **PROF (metros)** | 6.473 | 6.293 | 1.102 | 1.69 | 0.799 | 9.869 | 1.142 |
| **MÁXIMO** | 15.05 | 15.05 | 1.37 | 8.69 | 415.51 | 4.29 | 40.72 |
| **PROF (metros)** | 8.381 | 9.911 | 1.688 | 5.914 | 3.39 | 7.127 | 9.869 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD N5F - Punto 007 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.67 | 45.8 | 0.77 | 7.35 | 101.9 | 1.13 | 37.96 |
| 1 - 2m | 14.7 | 45.81 | 0.63 | 7.24 | 107.8 | 1.16 | 37.95 |
| 2 - 3m | 14.71 | 45.84 | 0.67 | 7.7 | 201.84 | 1.21 | 37.96 |
| 3 - 4m | 14.72 | 45.86 | 0.66 | 7.54 | 323.6 | 1.58 | 37.97 |
| 4 - 5m | 14.72 | 45.87 | 0.61 | 7.73 | 297.14 | 1.67 | 37.98 |
| 5 - 6m | 14.67 | 45.86 | 0.85 | 8.32 | 253.71 | 1.98 | 38.02 |
| 6 - 7m | 14.55 | 46.02 | 0.7 | 8.36 | 222.37 | 2.27 | 38.29 |
| 7 - 8m | 14.89 | 47.99 | 0.72 | 8.23 | 177.15 | 2.41 | 39.78 |
| 8 - 9m | 15.03 | 48.81 | 0.55 | 7.69 | 144.91 | 0.85 | 40.4 |
| 9 - 10m | 15.03 | 49.09 | 0.63 | 7.84 | 119.42 | 0.91 | 40.67 |

| OBSERVACIONES GENERALES |
|---|
| CLOROFILA elevada en la(s) columna(s) de agua 6 - 7m, 7 - 8m con los valores 2.27, 2.41 respectivamente |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.71 | 14.66 | 45.78 | 0.53 | 7.68 | 96.82 | 1.0 | 37.96 |
| 0.731 | 14.66 | 45.8 | 0.69 | 7.54 | 115.14 | 0.94 | 37.98 |
| 0.765 | 14.67 | 45.8 | 1.18 | 7.47 | 105.95 | 0.96 | 37.96 |
| 0.791 | 14.66 | 45.8 | 0.99 | 7.33 | 102.61 | 1.55 | 37.97 |
| 0.799 | 14.67 | 45.79 | 0.69 | 7.37 | 86.04 | 1.11 | 37.96 |
| 0.83 | 14.67 | 45.81 | 0.76 | 7.3 | 98.76 | 1.29 | 37.97 |
| 0.878 | 14.68 | 45.81 | 0.53 | 7.23 | 109.65 | 1.45 | 37.97 |
| 0.901 | 14.67 | 45.8 | 0.53 | 7.51 | 106.99 | 0.95 | 37.97 |
| 0.903 | 14.67 | 45.8 | 0.61 | 7.41 | 99.02 | 1.14 | 37.97 |
| 0.946 | 14.68 | 45.8 | 1.18 | 7.32 | 110.8 | 1.18 | 37.96 |
| 0.978 | 14.67 | 45.79 | 0.76 | 7.13 | 102.73 | 0.85 | 37.95 |
| 0.979 | 14.68 | 45.79 | 0.84 | 7.13 | 96.19 | 1.02 | 37.95 |
| 0.998 | 14.67 | 45.8 | 0.72 | 7.13 | 93.94 | 1.26 | 37.96 |
| 1.02 | 14.67 | 45.79 | 0.65 | 7.15 | 96.39 | 1.2 | 37.95 |
| 1.03 | 14.67 | 45.79 | 0.38 | 7.12 | 90.8 | 0.97 | 37.96 |
| 1.036 | 14.67 | 45.8 | 0.57 | 7.13 | 101.22 | 0.99 | 37.96 |
| 1.039 | 14.67 | 45.79 | 0.53 | 7.12 | 114.98 | 1.0 | 37.96 |
| 1.051 | 14.67 | 45.8 | 0.61 | 7.11 | 108.26 | 0.82 | 37.96 |
| 1.074 | 14.68 | 45.79 | 0.57 | 7.1 | 104.46 | 1.15 | 37.96 |
| 1.09 | 14.68 | 45.79 | 0.61 | 7.1 | 103.76 | 0.98 | 37.95 |
| 1.102 | 14.69 | 45.8 | 0.34 | 7.39 | 93.86 | 1.04 | 37.95 |
| 1.119 | 14.69 | 45.8 | 0.5 | 7.44 | 98.67 | 1.45 | 37.95 |
| 1.142 | 14.69 | 45.79 | 0.57 | 7.49 | 102.24 | 1.26 | 37.94 |
| 1.155 | 14.69 | 45.8 | 0.5 | 7.52 | 103.79 | 1.28 | 37.94 |
| 1.158 | 14.68 | 45.81 | 0.46 | 7.53 | 106.2 | 1.05 | 37.96 |
| 1.162 | 14.68 | 45.81 | 0.5 | 7.52 | 104.88 | 1.85 | 37.96 |
| 1.187 | 14.68 | 45.81 | 0.46 | 7.49 | 105.0 | 1.21 | 37.96 |
| 1.189 | 14.69 | 45.81 | 0.65 | 7.02 | 109.37 | 1.77 | 37.95 |
| 1.197 | 14.7 | 45.8 | 0.61 | 6.99 | 97.63 | 1.5 | 37.94 |
| 1.209 | 14.7 | 45.8 | 0.46 | 6.97 | 99.5 | 1.3 | 37.94 |
| 1.226 | 14.7 | 45.81 | 0.42 | 6.95 | 101.17 | 1.2 | 37.95 |

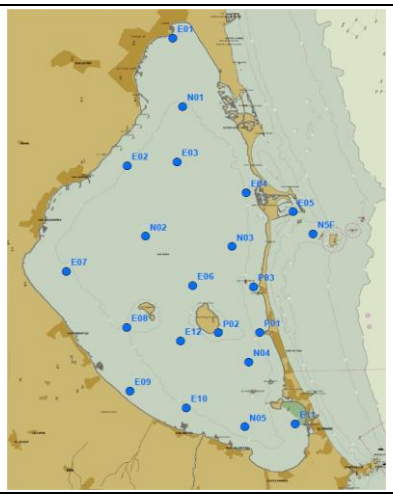
| 1.255 | 14.7 | 45.81 | 0.5 | 6.93 | 97.26 | 1.08 | 37.95 |
|---|---|---|---|---|---|---|---|
| 1.293 | 14.7 | 45.81 | 0.53 | 6.93 | 98.95 | 0.86 | 37.95 |
| 1.34 | 14.7 | 45.81 | 0.46 | 6.92 | 107.76 | 1.04 | 37.95 |
| 1.382 | 14.7 | 45.81 | 0.57 | 7.02 | 123.52 | 1.08 | 37.95 |
| 1.391 | 14.7 | 45.81 | 0.61 | 7.08 | 122.24 | 1.34 | 37.94 |
| 1.41 | 14.7 | 45.82 | 0.46 | 7.17 | 103.16 | 0.99 | 37.95 |
| 1.442 | 14.7 | 45.82 | 0.46 | 7.26 | 95.79 | 1.07 | 37.95 |
| 1.444 | 14.71 | 45.82 | 0.69 | 7.17 | 100.96 | 0.95 | 37.95 |
| 1.458 | 14.71 | 45.81 | 0.88 | 7.09 | 101.34 | 1.22 | 37.94 |
| 1.495 | 14.71 | 45.82 | 0.61 | 7.01 | 100.15 | 1.57 | 37.94 |
| 1.688 | 14.71 | 45.82 | 1.37 | 6.81 | 102.81 | 1.29 | 37.95 |
| 1.69 | 14.72 | 45.82 | 0.38 | 6.59 | 118.83 | 1.37 | 37.94 |
| 1.696 | 14.72 | 45.83 | 0.57 | 6.61 | 124.76 | 1.01 | 37.95 |
| 1.71 | 14.71 | 45.82 | 0.46 | 6.69 | 133.9 | 0.87 | 37.94 |
| 1.718 | 14.71 | 45.82 | 0.65 | 6.86 | 124.04 | 0.92 | 37.95 |
| 1.721 | 14.7 | 45.83 | 0.69 | 7.57 | 105.83 | 0.99 | 37.96 |
| 1.74 | 14.7 | 45.83 | 1.18 | 7.76 | 110.34 | 1.12 | 37.96 |
| 1.769 | 14.7 | 45.82 | 0.92 | 7.88 | 114.9 | 1.0 | 37.96 |
| 1.772 | 14.7 | 45.83 | 1.07 | 7.81 | 111.78 | 1.23 | 37.96 |
| 1.792 | 14.71 | 45.82 | 1.11 | 7.76 | 111.0 | 1.05 | 37.95 |
| 1.837 | 14.71 | 45.83 | 0.99 | 7.71 | 107.68 | 1.16 | 37.96 |
| 1.904 | 14.71 | 45.84 | 0.69 | 7.68 | 105.85 | 1.15 | 37.96 |
| 1.916 | 14.71 | 45.83 | 0.53 | 7.6 | 123.78 | 1.13 | 37.95 |
| 1.929 | 14.71 | 45.84 | 0.65 | 7.63 | 121.93 | 1.33 | 37.97 |
| 1.977 | 14.71 | 45.83 | 0.53 | 7.66 | 124.5 | 1.17 | 37.96 |
| 2.026 | 14.71 | 45.82 | 0.57 | 7.68 | 131.25 | 1.74 | 37.94 |
| 2.087 | 14.71 | 45.84 | 0.8 | 7.7 | 125.95 | 1.33 | 37.96 |
| 2.149 | 14.71 | 45.84 | 0.46 | 7.85 | 136.75 | 1.08 | 37.97 |
| 2.167 | 14.71 | 45.83 | 0.65 | 7.86 | 132.91 | 1.02 | 37.95 |
| 2.185 | 14.71 | 45.83 | 0.88 | 7.86 | 132.08 | 0.98 | 37.96 |
| 2.325 | 14.71 | 45.84 | 0.72 | 7.74 | 190.53 | 1.28 | 37.97 |
| 2.398 | 14.71 | 45.83 | 0.53 | 7.73 | 155.56 | 1.81 | 37.96 |
| 2.458 | 14.71 | 45.84 | 1.14 | 7.73 | 132.57 | 1.43 | 37.96 |
| 2.507 | 14.71 | 45.84 | 0.57 | 7.72 | 137.51 | 1.15 | 37.97 |
| 2.556 | 14.71 | 45.84 | 0.69 | 7.72 | 174.43 | 1.02 | 37.97 |
| 2.592 | 14.71 | 45.83 | 0.69 | 7.71 | 165.83 | 1.23 | 37.95 |
| 2.614 | 14.71 | 45.84 | 0.76 | 7.7 | 170.0 | 1.47 | 37.96 |
| 2.623 | 14.71 | 45.85 | 0.65 | 7.67 | 189.21 | 1.21 | 37.97 |
| 2.635 | 14.71 | 45.84 | 0.5 | 7.63 | 206.44 | 1.12 | 37.96 |
| 2.674 | 14.72 | 45.85 | 0.88 | 7.6 | 276.71 | 1.11 | 37.96 |
| 2.735 | 14.72 | 45.84 | 0.61 | 7.58 | 312.66 | 1.14 | 37.96 |
| 2.776 | 14.72 | 45.84 | 0.61 | 7.57 | 315.94 | 1.06 | 37.95 |
| 2.804 | 14.72 | 45.85 | 0.46 | 7.57 | 263.93 | 1.05 | 37.97 |
| 2.826 | 14.71 | 45.84 | 0.76 | 7.59 | 230.36 | 1.02 | 37.96 |
| 2.857 | 14.72 | 45.84 | 0.53 | 7.65 | 266.08 | 1.08 | 37.96 |
| 2.906 | 14.72 | 45.85 | 0.65 | 7.75 | 292.27 | 1.15 | 37.96 |
| 2.993 | 14.72 | 45.86 | 0.57 | 7.86 | 301.49 | 1.21 | 37.97 |
| 3.098 | 14.72 | 45.85 | 0.42 | 7.95 | 271.82 | 1.05 | 37.95 |
| 3.162 | 14.72 | 45.85 | 0.72 | 8.19 | 330.63 | 1.07 | 37.96 |
| 3.164 | 14.72 | 45.85 | 0.5 | 8.16 | 369.28 | 1.05 | 37.96 |
| 3.175 | 14.72 | 45.85 | 0.65 | 8.11 | 348.49 | 1.17 | 37.97 |
| 3.189 | 14.72 | 45.85 | 0.92 | 8.05 | 283.2 | 1.09 | 37.96 |
| 3.223 | 14.72 | 45.86 | 0.76 | 7.98 | 315.14 | 1.14 | 37.97 |
| 3.282 | 14.72 | 45.85 | 0.5 | 7.88 | 315.72 | 1.15 | 37.97 |
| 3.346 | 14.72 | 45.85 | 0.57 | 7.78 | 304.23 | 1.1 | 37.96 |
| 3.39 | 14.72 | 45.85 | 0.46 | 7.47 | 415.51 | 1.51 | 37.97 |
| 3.396 | 14.72 | 45.86 | 0.5 | 7.46 | 372.37 | 1.56 | 37.97 |
| 3.416 | 14.72 | 45.85 | 0.8 | 7.46 | 303.03 | 1.23 | 37.96 |

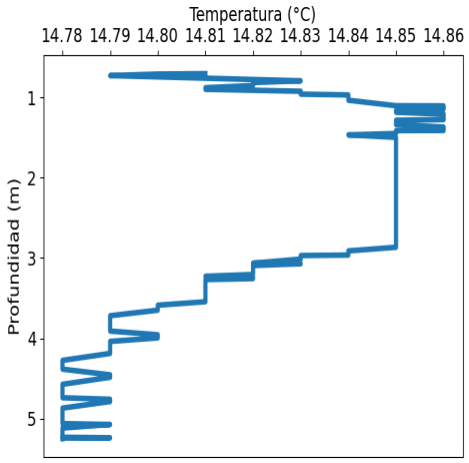
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3.444 | 14.72 | 45.85 | 0.65 | 7.47 | 343.59 | 1.52 | 37.96 |
| 3.483 | 14.72 | 45.86 | 0.61 | 7.48 | 360.48 | 1.41 | 37.97 |
| 3.528 | 14.72 | 45.85 | 0.84 | 7.47 | 348.89 | 1.41 | 37.96 |
| 3.578 | 14.72 | 45.85 | 1.34 | 7.44 | 366.63 | 1.88 | 37.96 |
| 3.628 | 14.72 | 45.86 | 1.03 | 7.42 | 343.2 | 1.57 | 37.96 |
| 3.668 | 14.72 | 45.86 | 0.61 | 7.08 | 268.0 | 1.71 | 37.96 |
| 3.699 | 14.72 | 45.87 | 0.72 | 7.03 | 264.18 | 1.69 | 37.98 |
| 3.736 | 14.72 | 45.85 | 0.57 | 7.01 | 289.37 | 2.7 | 37.96 |
| 3.775 | 14.72 | 45.86 | 0.57 | 7.03 | 347.12 | 2.88 | 37.97 |
| 3.833 | 14.72 | 45.86 | 0.5 | 7.09 | 392.12 | 2.69 | 37.98 |
| 3.901 | 14.72 | 45.86 | 0.5 | 7.19 | 279.61 | 2.01 | 37.97 |
| 3.936 | 14.72 | 45.85 | 0.61 | 7.32 | 253.91 | 1.5 | 37.96 |
| 3.945 | 14.72 | 45.86 | 0.57 | 7.46 | 272.7 | 1.18 | 37.98 |
| 3.971 | 14.72 | 45.87 | 0.57 | 7.6 | 330.7 | 2.2 | 37.98 |
| 4.028 | 14.72 | 45.86 | 0.61 | 7.7 | 363.42 | 1.28 | 37.97 |
| 4.078 | 14.72 | 45.86 | 0.57 | 7.78 | 338.93 | 1.44 | 37.97 |
| 4.112 | 14.72 | 45.87 | 0.57 | 7.86 | 321.63 | 1.27 | 37.98 |
| 4.123 | 14.72 | 45.86 | 0.57 | 8.05 | 271.88 | 1.5 | 37.98 |
| 4.136 | 14.72 | 45.86 | 0.65 | 8.01 | 278.32 | 1.33 | 37.97 |
| 4.183 | 14.72 | 45.86 | 0.53 | 7.96 | 332.86 | 1.6 | 37.97 |
| 4.234 | 14.72 | 45.86 | 0.57 | 7.9 | 345.11 | 1.45 | 37.97 |
| 4.296 | 14.72 | 45.87 | 0.8 | 7.85 | 295.95 | 2.33 | 37.98 |
| 4.35 | 14.72 | 45.86 | 0.72 | 7.8 | 275.94 | 1.61 | 37.97 |
| 4.371 | 14.72 | 45.86 | 0.53 | 7.76 | 263.69 | 1.46 | 37.97 |
| 4.38 | 14.72 | 45.87 | 0.5 | 7.72 | 265.65 | 1.45 | 37.98 |
| 4.4 | 14.72 | 45.86 | 0.53 | 7.71 | 304.44 | 1.52 | 37.98 |
| 4.421 | 14.72 | 45.87 | 0.72 | 7.99 | 321.63 | 1.85 | 37.98 |
| 4.441 | 14.72 | 45.87 | 0.65 | 7.96 | 297.12 | 1.82 | 37.98 |
| 4.488 | 14.72 | 45.86 | 0.76 | 7.88 | 268.25 | 1.69 | 37.97 |
| 4.557 | 14.72 | 45.87 | 0.61 | 7.81 | 274.54 | 1.66 | 37.97 |
| 4.649 | 14.73 | 45.87 | 0.61 | 7.72 | 266.58 | 1.66 | 37.98 |
| 4.736 | 14.73 | 45.87 | 0.57 | 7.62 | 293.36 | 1.95 | 37.97 |
| 4.781 | 14.73 | 45.87 | 0.5 | 7.55 | 305.15 | 2.56 | 37.97 |
| 4.793 | 14.73 | 45.88 | 0.57 | 7.49 | 275.11 | 1.93 | 37.98 |
| 4.799 | 14.73 | 45.88 | 0.57 | 7.45 | 245.69 | 1.54 | 37.98 |
| 4.801 | 14.73 | 45.88 | 0.5 | 7.48 | 323.72 | 1.75 | 37.98 |
| 4.805 | 14.73 | 45.88 | 0.76 | 7.54 | 344.95 | 2.0 | 37.98 |
| 4.84 | 14.73 | 45.88 | 0.65 | 7.6 | 271.32 | 1.57 | 37.98 |
| 4.874 | 14.73 | 45.89 | 0.53 | 7.55 | 304.09 | 1.53 | 37.99 |
| 4.895 | 14.73 | 45.89 | 0.53 | 7.54 | 295.54 | 1.46 | 37.99 |
| 4.954 | 14.73 | 45.89 | 0.69 | 7.53 | 277.81 | 1.8 | 37.99 |
| 5.026 | 14.71 | 45.88 | 0.69 | 7.72 | 296.23 | 1.66 | 38.0 |
| 5.047 | 14.71 | 45.88 | 0.69 | 7.79 | 265.47 | 1.59 | 38.0 |
| 5.099 | 14.7 | 45.88 | 0.84 | 7.84 | 245.41 | 1.66 | 38.01 |
| 5.13 | 14.7 | 45.88 | 0.53 | 7.88 | 236.31 | 1.21 | 38.01 |
| 5.142 | 14.7 | 45.88 | 0.8 | 7.92 | 242.86 | 1.72 | 38.01 |
| 5.155 | 14.7 | 45.88 | 0.76 | 7.95 | 266.33 | 1.24 | 38.01 |
| 5.179 | 14.7 | 45.88 | 1.22 | 7.96 | 275.05 | 1.98 | 38.01 |
| 5.213 | 14.69 | 45.88 | 1.14 | 7.96 | 292.47 | 1.57 | 38.01 |
| 5.256 | 14.69 | 45.88 | 1.3 | 7.99 | 281.04 | 2.59 | 38.01 |
| 5.302 | 14.69 | 45.88 | 0.69 | 8.0 | 265.28 | 2.89 | 38.02 |
| 5.343 | 14.69 | 45.88 | 0.69 | 8.04 | 252.5 | 1.94 | 38.02 |
| 5.377 | 14.68 | 45.87 | 0.8 | 8.12 | 245.52 | 1.66 | 38.02 |
| 5.414 | 14.68 | 45.87 | 0.88 | 8.21 | 242.47 | 1.99 | 38.02 |
| 5.454 | 14.68 | 45.87 | 0.76 | 8.32 | 256.46 | 2.0 | 38.02 |
| 5.483 | 14.68 | 45.87 | 0.72 | 8.42 | 274.35 | 1.54 | 38.02 |
| 5.488 | 14.68 | 45.87 | 0.72 | 8.59 | 273.08 | 2.08 | 38.02 |
| 5.505 | 14.68 | 45.87 | 0.42 | 8.64 | 255.15 | 1.88 | 38.02 |

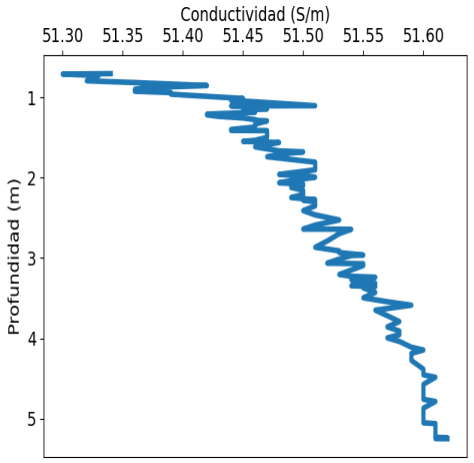
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5.552 | 14.68 | 45.87 | 1.3 | 8.65 | 238.46 | 1.9 | 38.02 |
| 5.615 | 14.68 | 45.87 | 1.14 | 8.64 | 224.67 | 2.31 | 38.02 |
| 5.678 | 14.68 | 45.87 | 1.07 | 8.61 | 229.67 | 1.97 | 38.02 |
| 5.725 | 14.68 | 45.86 | 1.3 | 8.6 | 248.67 | 2.73 | 38.02 |
| 5.752 | 14.67 | 45.85 | 0.69 | 8.59 | 255.86 | 1.94 | 38.01 |
| 5.768 | 14.65 | 45.84 | 0.88 | 8.58 | 250.93 | 2.68 | 38.02 |
| 5.771 | 14.61 | 45.83 | 0.76 | 8.56 | 236.09 | 1.98 | 38.05 |
| 5.774 | 14.61 | 45.84 | 0.65 | 8.57 | 247.01 | 2.19 | 38.06 |
| 5.778 | 14.61 | 45.83 | 1.14 | 8.58 | 275.63 | 1.69 | 38.05 |
| 5.79 | 14.61 | 45.82 | 0.8 | 8.59 | 282.81 | 2.07 | 38.05 |
| 5.816 | 14.6 | 45.82 | 0.8 | 8.64 | 260.89 | 2.01 | 38.05 |
| 5.858 | 14.59 | 45.82 | 0.88 | 8.67 | 225.66 | 2.01 | 38.06 |
| 5.914 | 14.59 | 45.82 | 0.8 | 8.69 | 209.92 | 2.33 | 38.06 |
| 5.966 | 14.59 | 45.82 | 0.61 | 8.69 | 212.76 | 2.3 | 38.07 |
| 6.007 | 14.59 | 45.83 | 0.61 | 8.67 | 225.55 | 1.94 | 38.06 |
| 6.022 | 14.6 | 45.81 | 0.57 | 8.63 | 244.56 | 2.08 | 38.05 |
| 6.026 | 14.58 | 45.8 | 0.65 | 8.6 | 255.63 | 1.79 | 38.05 |
| 6.04 | 14.57 | 45.79 | 0.95 | 8.57 | 248.84 | 1.94 | 38.06 |
| 6.057 | 14.56 | 45.79 | 0.99 | 8.54 | 234.56 | 2.65 | 38.06 |
| 6.07 | 14.55 | 45.78 | 0.69 | 8.52 | 224.15 | 2.03 | 38.07 |
| 6.085 | 14.54 | 45.78 | 0.76 | 8.5 | 219.21 | 2.04 | 38.07 |
| 6.106 | 14.53 | 45.77 | 0.88 | 8.49 | 215.34 | 1.79 | 38.08 |
| 6.129 | 14.53 | 45.77 | 1.14 | 8.48 | 217.85 | 2.27 | 38.08 |
| 6.149 | 14.52 | 45.77 | 0.76 | 8.45 | 228.34 | 1.83 | 38.08 |
| 6.151 | 14.52 | 45.77 | 0.69 | 8.42 | 236.25 | 2.3 | 38.08 |
| 6.155 | 14.52 | 45.78 | 1.03 | 8.38 | 244.67 | 2.34 | 38.09 |
| 6.198 | 14.52 | 45.78 | 0.57 | 8.34 | 245.69 | 1.97 | 38.09 |
| 6.293 | 14.52 | 45.76 | 0.65 | 8.31 | 235.93 | 2.41 | 38.07 |
| 6.385 | 14.52 | 45.78 | 0.61 | 8.29 | 218.71 | 2.43 | 38.1 |
| 6.438 | 14.5 | 45.81 | 0.65 | 8.3 | 213.79 | 2.52 | 38.13 |
| 6.46 | 14.49 | 45.86 | 0.61 | 8.31 | 213.89 | 2.53 | 38.2 |
| 6.464 | 14.49 | 45.87 | 0.46 | 8.32 | 224.25 | 2.15 | 38.21 |
| 6.473 | 14.48 | 45.88 | 0.72 | 8.33 | 228.71 | 2.16 | 38.22 |
| 6.496 | 14.48 | 45.9 | 0.8 | 8.35 | 217.59 | 1.91 | 38.24 |
| 6.554 | 14.48 | 45.91 | 0.69 | 8.34 | 207.45 | 2.49 | 38.25 |
| 6.648 | 14.49 | 46.04 | 0.53 | 8.32 | 202.74 | 2.65 | 38.37 |
| 6.749 | 14.5 | 46.4 | 0.69 | 8.27 | 207.83 | 2.81 | 38.69 |
| 6.828 | 14.55 | 46.61 | 0.61 | 8.2 | 206.39 | 2.94 | 38.83 |
| 6.876 | 14.6 | 46.75 | 0.5 | 8.13 | 197.46 | 2.37 | 38.91 |
| 6.914 | 14.65 | 46.91 | 0.61 | 8.05 | 191.95 | 2.69 | 39.02 |
| 6.942 | 14.7 | 46.95 | 0.61 | 7.98 | 205.01 | 2.15 | 39.01 |
| 6.97 | 14.73 | 47.03 | 0.61 | 7.92 | 214.09 | 2.36 | 39.05 |
| 7.01 | 14.75 | 47.07 | 1.14 | 7.89 | 206.49 | 2.04 | 39.06 |
| 7.065 | 14.77 | 47.13 | 0.8 | 7.88 | 192.26 | 2.57 | 39.11 |
| 7.127 | 14.78 | 47.23 | 0.76 | 7.92 | 175.56 | 4.29 | 39.18 |
| 7.177 | 14.8 | 47.34 | 0.95 | 7.98 | 169.29 | 3.32 | 39.27 |
| 7.213 | 14.82 | 47.42 | 0.92 | 8.07 | 178.02 | 2.97 | 39.31 |
| 7.249 | 14.84 | 47.48 | 1.11 | 8.18 | 190.22 | 2.16 | 39.35 |
| 7.314 | 14.86 | 47.65 | 0.69 | 8.28 | 194.28 | 2.79 | 39.5 |
| 7.405 | 14.87 | 48.06 | 0.53 | 8.36 | 189.78 | 2.83 | 39.87 |
| 7.483 | 14.9 | 48.25 | 0.5 | 8.43 | 177.69 | 2.84 | 40.02 |
| 7.548 | 14.92 | 48.31 | 0.57 | 8.49 | 172.18 | 2.26 | 40.06 |
| 7.601 | 14.93 | 48.34 | 0.5 | 8.53 | 171.5 | 2.78 | 40.07 |
| 7.653 | 14.94 | 48.35 | 0.61 | 8.54 | 170.24 | 2.35 | 40.08 |
| 7.716 | 14.94 | 48.36 | 0.72 | 8.53 | 171.15 | 2.22 | 40.08 |
| 7.77 | 14.94 | 48.39 | 0.72 | 8.48 | 173.74 | 1.47 | 40.1 |
| 7.797 | 14.95 | 48.42 | 0.72 | 8.4 | 176.18 | 1.28 | 40.12 |
| 7.817 | 14.96 | 48.46 | 0.69 | 8.29 | 171.62 | 1.46 | 40.15 |

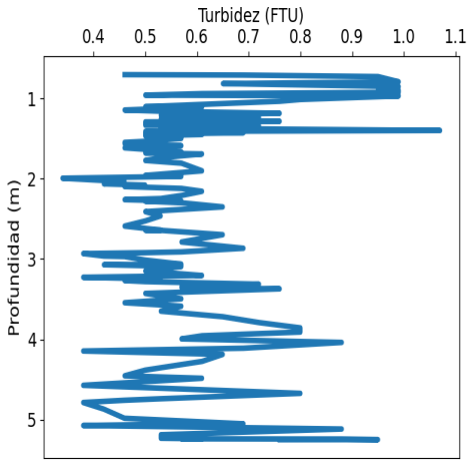
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7.847 | 14.97 | 48.45 | 0.57 | 8.16 | 166.64 | 1.65 | 40.13 |
| 7.88 | 14.98 | 48.51 | 0.53 | 8.03 | 162.79 | 2.02 | 40.18 |
| 7.953 | 14.99 | 48.55 | 0.69 | 7.89 | 156.17 | 2.4 | 40.21 |
| 8.086 | 15.01 | 48.69 | 0.46 | 7.78 | 150.8 | 1.17 | 40.31 |
| 8.237 | 15.03 | 48.74 | 0.57 | 7.68 | 146.09 | 0.83 | 40.34 |
| 8.381 | 15.05 | 48.77 | 0.53 | 7.61 | 145.34 | 0.66 | 40.35 |
| 8.496 | 15.05 | 48.81 | 0.42 | 7.57 | 148.03 | 0.69 | 40.38 |
| 8.568 | 15.05 | 48.84 | 0.61 | 7.56 | 153.45 | 1.04 | 40.42 |
| 8.571 | 15.03 | 48.84 | 0.53 | 7.69 | 150.38 | 0.84 | 40.43 |
| 8.608 | 15.03 | 48.84 | 0.53 | 7.75 | 142.61 | 0.99 | 40.43 |
| 8.724 | 15.03 | 48.87 | 0.72 | 7.79 | 136.84 | 0.82 | 40.46 |
| 8.871 | 15.03 | 48.89 | 0.57 | 7.82 | 130.65 | 0.65 | 40.48 |
| 9.04 | 15.03 | 48.93 | 0.84 | 7.83 | 125.51 | 0.72 | 40.51 |
| 9.229 | 15.04 | 48.99 | 0.61 | 7.82 | 121.11 | 0.85 | 40.57 |
| 9.428 | 15.04 | 49.05 | 0.57 | 7.81 | 117.19 | 0.99 | 40.62 |
| 9.622 | 15.03 | 49.09 | 0.57 | 7.79 | 115.87 | 0.88 | 40.67 |
| 9.769 | 15.02 | 49.11 | 0.69 | 7.78 | 116.08 | 1.01 | 40.69 |
| 9.848 | 15.02 | 49.13 | 0.61 | 7.77 | 119.22 | 0.76 | 40.71 |
| 9.869 | 15.02 | 49.13 | 0.53 | 7.77 | 120.69 | 0.64 | 40.72 |
| 9.883 | 15.02 | 49.12 | 0.57 | 7.79 | 118.31 | 0.64 | 40.71 |
| 9.903 | 15.02 | 49.12 | 0.72 | 7.81 | 116.59 | 0.91 | 40.71 |
| 9.911 | 15.02 | 49.14 | 0.53 | 7.93 | 120.24 | 0.82 | 40.72 |
| 9.929 | 15.02 | 49.14 | 0.61 | 7.97 | 121.03 | 1.51 | 40.72 |
| 9.951 | 15.02 | 49.14 | 0.65 | 8.0 | 121.17 | 1.18 | 40.72 |

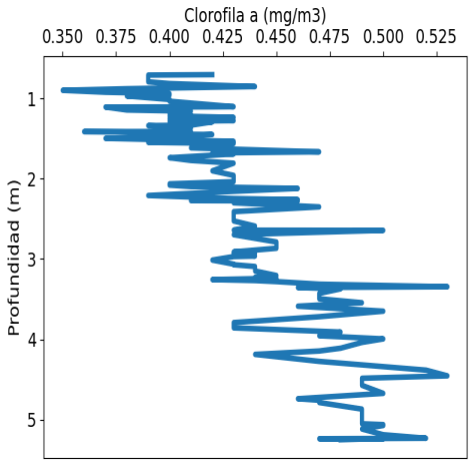
**Nombre: CTD E04 - Punto 008** **Fecha: 13/03/2024** **Hora: 09:03:11**

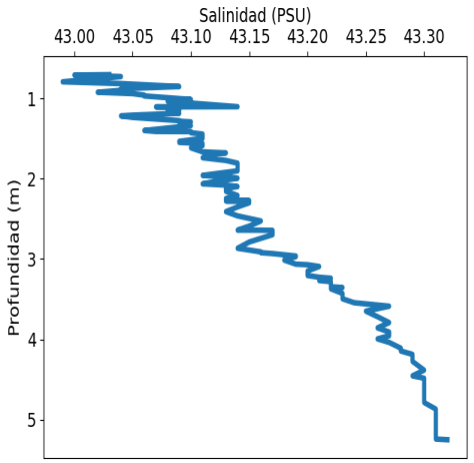


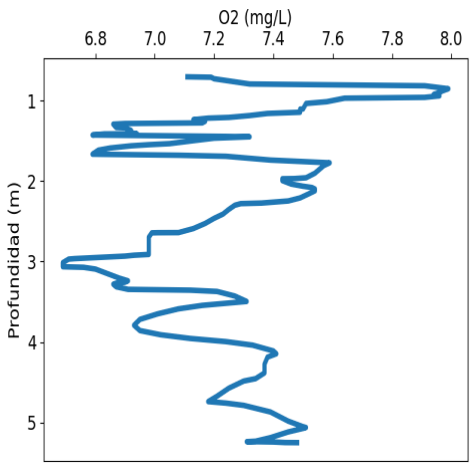



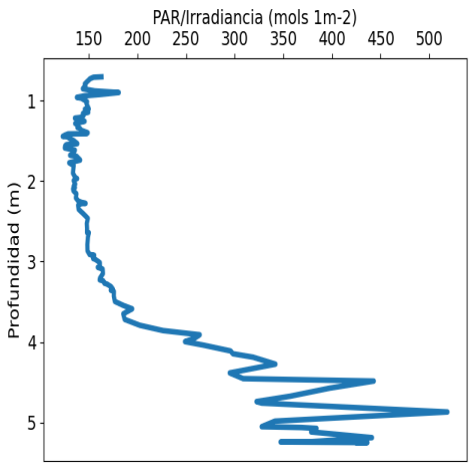



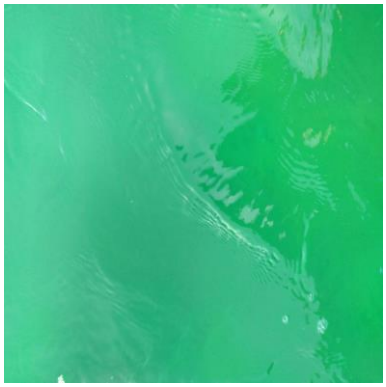



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.78 | 51.3 | 0.34 | 6.69 | 123.01 | 0.35 | 42.99 |
| **PROF (metros)** | 4.275 | 0.711 | 1.995 | 3.014 | 1.446 | 0.901 | 0.795 |
| **MÁXIMO** | 14.86 | 14.86 | 1.07 | 7.99 | 518.82 | 0.53 | 43.32 |
| **PROF (metros)** | 1.107 | 5.238 | 1.401 | 0.854 | 4.869 | 3.346 | 5.249 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E04 - Punto 008 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.82 | 51.36 | 0.81 | 7.68 | 152.39 | 0.39 | 43.04 |
| 1 - 2m | 14.85 | 51.47 | 0.58 | 7.19 | 137.52 | 0.41 | 43.1 |
| 2 - 3m | 14.85 | 51.51 | 0.52 | 7.2 | 144.61 | 0.43 | 43.15 |
| 3 - 4m | 14.81 | 51.56 | 0.57 | 6.97 | 184.51 | 0.46 | 43.23 |
| 4 - 5m | 14.79 | 51.6 | 0.55 | 7.33 | 347.32 | 0.48 | 43.29 |
| 5 - 6m | 14.78 | 51.61 | 0.66 | 7.42 | 387.35 | 0.49 | 43.31 |

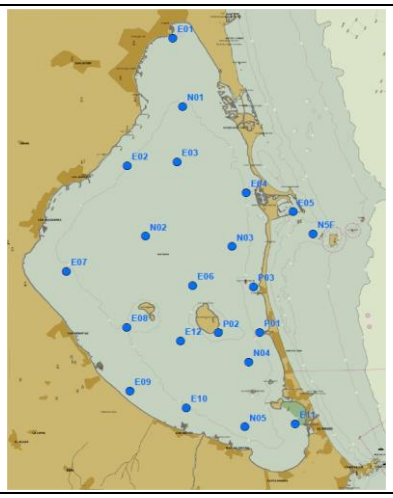
| OBSERVACIONES GENERALES |
|---|
| |

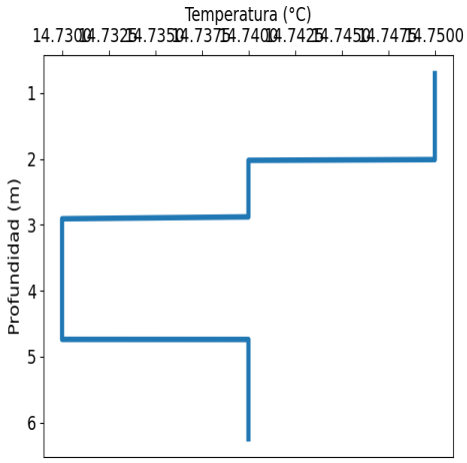
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.706 | 14.81 | 51.34 | 0.46 | 7.11 | 162.98 | 0.42 | 43.03 |
| 0.711 | 14.8 | 51.3 | 0.69 | 7.19 | 154.73 | 0.39 | 43.0 |
| 0.73 | 14.79 | 51.33 | 0.95 | 7.2 | 151.19 | 0.39 | 43.04 |
| 0.795 | 14.83 | 51.32 | 0.99 | 7.32 | 145.72 | 0.39 | 42.99 |
| 0.817 | 14.82 | 51.36 | 0.65 | 7.91 | 146.43 | 0.4 | 43.04 |
| 0.854 | 14.82 | 51.42 | 0.99 | 7.99 | 143.67 | 0.44 | 43.09 |
| 0.881 | 14.81 | 51.37 | 0.95 | 7.97 | 156.03 | 0.38 | 43.04 |
| 0.901 | 14.81 | 51.36 | 0.99 | 7.96 | 180.81 | 0.35 | 43.04 |
| 0.925 | 14.83 | 51.36 | 0.99 | 7.94 | 162.03 | 0.37 | 43.02 |
| 0.942 | 14.83 | 51.39 | 0.61 | 7.96 | 145.41 | 0.4 | 43.05 |
| 0.961 | 14.83 | 51.39 | 0.5 | 7.91 | 137.54 | 0.4 | 43.06 |
| 0.971 | 14.84 | 51.4 | 0.99 | 7.64 | 142.11 | 0.38 | 43.06 |
| 1.015 | 14.84 | 51.45 | 0.8 | 7.58 | 148.2 | 0.4 | 43.1 |
| 1.037 | 14.84 | 51.44 | 0.76 | 7.51 | 147.41 | 0.4 | 43.08 |
| 1.105 | 14.85 | 51.51 | 0.5 | 7.5 | 149.93 | 0.43 | 43.14 |
| 1.107 | 14.86 | 51.44 | 0.53 | 7.49 | 146.29 | 0.42 | 43.07 |
| 1.109 | 14.86 | 51.46 | 0.61 | 7.49 | 145.75 | 0.37 | 43.09 |
| 1.146 | 14.86 | 51.47 | 0.46 | 7.49 | 149.41 | 0.38 | 43.09 |
| 1.161 | 14.85 | 51.45 | 0.53 | 7.38 | 143.8 | 0.41 | 43.08 |
| 1.187 | 14.85 | 51.46 | 0.76 | 7.32 | 144.47 | 0.4 | 43.09 |
| 1.21 | 14.86 | 51.42 | 0.53 | 7.25 | 141.46 | 0.41 | 43.05 |
| 1.219 | 14.86 | 51.42 | 0.61 | 7.18 | 135.52 | 0.4 | 43.04 |
| 1.238 | 14.86 | 51.43 | 0.72 | 7.13 | 142.34 | 0.43 | 43.05 |
| 1.258 | 14.86 | 51.45 | 0.53 | 7.17 | 145.65 | 0.4 | 43.07 |
| 1.278 | 14.86 | 51.46 | 0.65 | 7.16 | 138.63 | 0.43 | 43.09 |
| 1.286 | 14.85 | 51.46 | 0.76 | 6.9 | 135.8 | 0.4 | 43.09 |
| 1.294 | 14.85 | 51.47 | 0.5 | 6.86 | 138.95 | 0.42 | 43.1 |
| 1.335 | 14.85 | 51.46 | 0.5 | 6.87 | 138.09 | 0.41 | 43.09 |
| 1.34 | 14.85 | 51.46 | 0.72 | 6.9 | 140.18 | 0.39 | 43.1 |
| 1.371 | 14.86 | 51.46 | 0.53 | 6.92 | 142.34 | 0.41 | 43.08 |
| 1.401 | 14.86 | 51.44 | 1.07 | 6.92 | 148.82 | 0.4 | 43.06 |
| 1.413 | 14.86 | 51.44 | 0.5 | 6.94 | 147.65 | 0.41 | 43.07 |
| 1.415 | 14.85 | 51.47 | 0.5 | 6.83 | 128.63 | 0.36 | 43.1 |
| 1.429 | 14.85 | 51.47 | 0.69 | 6.79 | 125.6 | 0.41 | 43.1 |
| 1.446 | 14.85 | 51.47 | 0.5 | 7.24 | 123.01 | 0.4 | 43.11 |
| 1.451 | 14.85 | 51.47 | 0.61 | 7.32 | 128.34 | 0.42 | 43.11 |

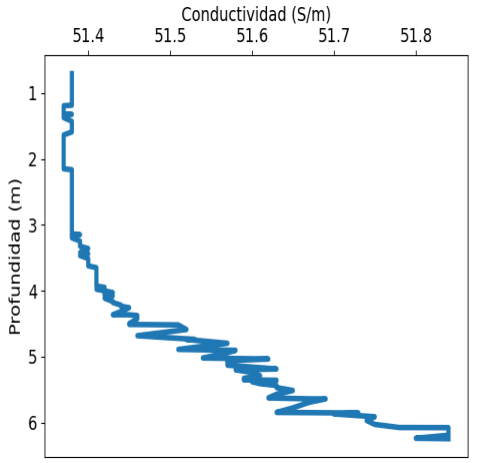
| 1.468 | 14.84 | 51.47 | 0.5 | 7.2 | 129.59 | 0.41 | 43.11 |
|---|---|---|---|---|---|---|---|
| 1.499 | 14.85 | 51.47 | 0.57 | 7.13 | 134.39 | 0.37 | 43.11 |
| 1.536 | 14.85 | 51.46 | 0.5 | 7.05 | 138.12 | 0.43 | 43.09 |
| 1.549 | 14.85 | 51.45 | 0.46 | 6.98 | 126.68 | 0.39 | 43.09 |
| 1.563 | 14.85 | 51.48 | 0.46 | 6.92 | 125.54 | 0.43 | 43.11 |
| 1.59 | 14.85 | 51.47 | 0.57 | 6.85 | 125.16 | 0.42 | 43.11 |
| 1.617 | 14.85 | 51.46 | 0.46 | 6.81 | 135.64 | 0.41 | 43.1 |
| 1.667 | 14.85 | 51.48 | 0.57 | 6.79 | 133.43 | 0.47 | 43.11 |
| 1.68 | 14.85 | 51.5 | 0.5 | 7.08 | 130.56 | 0.42 | 43.13 |
| 1.693 | 14.85 | 51.49 | 0.61 | 7.24 | 137.32 | 0.43 | 43.12 |
| 1.74 | 14.85 | 51.47 | 0.53 | 7.39 | 141.06 | 0.4 | 43.11 |
| 1.774 | 14.85 | 51.49 | 0.5 | 7.59 | 129.68 | 0.41 | 43.13 |
| 1.808 | 14.85 | 51.51 | 0.57 | 7.57 | 134.36 | 0.43 | 43.14 |
| 1.903 | 14.85 | 51.51 | 0.61 | 7.54 | 133.55 | 0.42 | 43.14 |
| 1.96 | 14.85 | 51.48 | 0.5 | 7.51 | 136.15 | 0.43 | 43.11 |
| 1.97 | 14.85 | 51.49 | 0.53 | 7.47 | 137.96 | 0.43 | 43.12 |
| 1.972 | 14.85 | 51.5 | 0.57 | 7.43 | 135.9 | 0.43 | 43.13 |
| 1.995 | 14.85 | 51.51 | 0.34 | 7.43 | 134.3 | 0.43 | 43.14 |
| 2.038 | 14.85 | 51.49 | 0.46 | 7.46 | 135.96 | 0.43 | 43.12 |
| 2.065 | 14.85 | 51.48 | 0.42 | 7.5 | 134.27 | 0.4 | 43.11 |
| 2.081 | 14.85 | 51.5 | 0.5 | 7.53 | 135.68 | 0.4 | 43.13 |
| 2.099 | 14.85 | 51.5 | 0.46 | 7.54 | 133.68 | 0.41 | 43.14 |
| 2.122 | 14.85 | 51.49 | 0.57 | 7.54 | 134.11 | 0.46 | 43.13 |
| 2.158 | 14.85 | 51.5 | 0.61 | 7.52 | 137.16 | 0.43 | 43.13 |
| 2.21 | 14.85 | 51.5 | 0.57 | 7.49 | 136.56 | 0.39 | 43.14 |
| 2.248 | 14.85 | 51.49 | 0.53 | 7.45 | 139.02 | 0.43 | 43.13 |
| 2.262 | 14.85 | 51.5 | 0.46 | 7.4 | 141.69 | 0.46 | 43.13 |
| 2.274 | 14.85 | 51.51 | 0.53 | 7.36 | 144.74 | 0.41 | 43.15 |
| 2.278 | 14.85 | 51.5 | 0.57 | 7.32 | 146.66 | 0.46 | 43.13 |
| 2.281 | 14.85 | 51.5 | 0.5 | 7.29 | 142.15 | 0.43 | 43.14 |
| 2.301 | 14.85 | 51.51 | 0.57 | 7.27 | 138.89 | 0.43 | 43.15 |
| 2.352 | 14.85 | 51.51 | 0.65 | 7.25 | 139.44 | 0.47 | 43.14 |
| 2.411 | 14.85 | 51.5 | 0.5 | 7.23 | 144.61 | 0.43 | 43.13 |
| 2.464 | 14.85 | 51.51 | 0.53 | 7.2 | 148.89 | 0.43 | 43.14 |
| 2.527 | 14.85 | 51.53 | 0.5 | 7.17 | 147.82 | 0.43 | 43.16 |
| 2.591 | 14.85 | 51.51 | 0.46 | 7.13 | 148.1 | 0.44 | 43.15 |
| 2.641 | 14.85 | 51.5 | 0.53 | 7.08 | 148.03 | 0.43 | 43.14 |
| 2.642 | 14.85 | 51.53 | 0.5 | 7.01 | 150.0 | 0.44 | 43.16 |
| 2.644 | 14.85 | 51.54 | 0.53 | 6.99 | 149.86 | 0.5 | 43.17 |
| 2.698 | 14.85 | 51.53 | 0.65 | 6.98 | 148.99 | 0.43 | 43.17 |
| 2.789 | 14.85 | 51.52 | 0.57 | 6.98 | 148.41 | 0.45 | 43.15 |
| 2.867 | 14.85 | 51.51 | 0.69 | 6.98 | 148.55 | 0.45 | 43.14 |
| 2.912 | 14.84 | 51.53 | 0.57 | 6.98 | 150.63 | 0.43 | 43.16 |
| 2.922 | 14.84 | 51.53 | 0.5 | 6.93 | 155.49 | 0.44 | 43.16 |
| 2.933 | 14.84 | 51.53 | 0.38 | 6.9 | 153.77 | 0.43 | 43.17 |
| 2.964 | 14.84 | 51.55 | 0.42 | 6.73 | 154.37 | 0.44 | 43.19 |
| 2.97 | 14.83 | 51.54 | 0.46 | 6.71 | 156.17 | 0.43 | 43.19 |
| 3.014 | 14.83 | 51.53 | 0.5 | 6.69 | 161.29 | 0.42 | 43.18 |
| 3.065 | 14.82 | 51.52 | 0.57 | 6.69 | 161.29 | 0.43 | 43.19 |
| 3.072 | 14.83 | 51.55 | 0.42 | 6.76 | 159.06 | 0.43 | 43.2 |
| 3.094 | 14.82 | 51.55 | 0.57 | 6.8 | 164.15 | 0.44 | 43.21 |
| 3.15 | 14.82 | 51.54 | 0.5 | 6.84 | 164.46 | 0.44 | 43.2 |
| 3.206 | 14.82 | 51.53 | 0.61 | 6.88 | 161.44 | 0.45 | 43.2 |
| 3.228 | 14.81 | 51.54 | 0.38 | 6.9 | 161.02 | 0.44 | 43.21 |
| 3.24 | 14.82 | 51.56 | 0.46 | 6.91 | 164.72 | 0.45 | 43.22 |
| 3.257 | 14.82 | 51.55 | 0.53 | 6.9 | 165.37 | 0.42 | 43.21 |
| 3.269 | 14.81 | 51.54 | 0.46 | 6.87 | 165.87 | 0.44 | 43.21 |
| 3.282 | 14.81 | 51.55 | 0.5 | 6.86 | 168.86 | 0.45 | 43.22 |

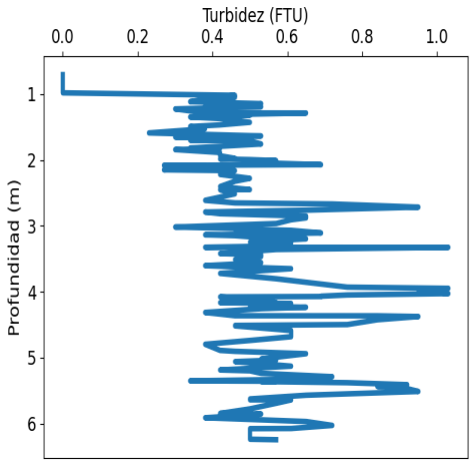
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3.314 | 14.81 | 51.56 | 0.72 | 6.87 | 172.94 | 0.47 | 43.22 |
| 3.346 | 14.81 | 51.54 | 0.57 | 6.91 | 174.75 | 0.53 | 43.22 |
| 3.356 | 14.81 | 51.56 | 0.57 | 7.12 | 172.42 | 0.46 | 43.23 |
| 3.372 | 14.81 | 51.55 | 0.76 | 7.21 | 175.73 | 0.48 | 43.22 |
| 3.429 | 14.81 | 51.56 | 0.5 | 7.27 | 175.61 | 0.47 | 43.23 |
| 3.496 | 14.81 | 51.55 | 0.57 | 7.31 | 176.67 | 0.47 | 43.23 |
| 3.545 | 14.81 | 51.57 | 0.46 | 7.16 | 185.31 | 0.49 | 43.24 |
| 3.588 | 14.8 | 51.59 | 0.57 | 7.08 | 194.59 | 0.46 | 43.27 |
| 3.65 | 14.8 | 51.56 | 0.53 | 7.01 | 185.31 | 0.5 | 43.25 |
| 3.719 | 14.79 | 51.57 | 0.65 | 6.95 | 186.77 | 0.47 | 43.26 |
| 3.792 | 14.79 | 51.58 | 0.72 | 6.93 | 202.32 | 0.43 | 43.27 |
| 3.858 | 14.79 | 51.57 | 0.8 | 6.95 | 226.18 | 0.43 | 43.26 |
| 3.91 | 14.79 | 51.58 | 0.8 | 7.02 | 264.06 | 0.48 | 43.27 |
| 3.956 | 14.8 | 51.58 | 0.61 | 7.12 | 258.25 | 0.47 | 43.27 |
| 3.995 | 14.8 | 51.57 | 0.57 | 7.24 | 248.73 | 0.5 | 43.26 |
| 4.039 | 14.79 | 51.58 | 0.88 | 7.33 | 267.88 | 0.49 | 43.27 |
| 4.111 | 14.79 | 51.59 | 0.69 | 7.4 | 295.68 | 0.48 | 43.28 |
| 4.146 | 14.79 | 51.6 | 0.38 | 7.41 | 298.16 | 0.47 | 43.28 |
| 4.188 | 14.79 | 51.59 | 0.65 | 7.38 | 318.74 | 0.44 | 43.29 |
| 4.275 | 14.78 | 51.59 | 0.61 | 7.37 | 341.93 | 0.47 | 43.29 |
| 4.384 | 14.78 | 51.6 | 0.5 | 7.37 | 294.79 | 0.52 | 43.3 |
| 4.455 | 14.79 | 51.6 | 0.46 | 7.34 | 308.7 | 0.53 | 43.29 |
| 4.485 | 14.79 | 51.61 | 0.61 | 7.3 | 443.07 | 0.49 | 43.3 |
| 4.573 | 14.78 | 51.6 | 0.38 | 7.25 | 397.71 | 0.49 | 43.3 |
| 4.673 | 14.78 | 51.6 | 0.8 | 7.21 | 357.15 | 0.5 | 43.3 |
| 4.74 | 14.78 | 51.6 | 0.53 | 7.18 | 322.3 | 0.46 | 43.3 |
| 4.759 | 14.79 | 51.6 | 0.46 | 7.24 | 327.73 | 0.47 | 43.3 |
| 4.787 | 14.79 | 51.61 | 0.38 | 7.3 | 375.92 | 0.47 | 43.3 |
| 4.869 | 14.78 | 51.6 | 0.42 | 7.39 | 518.82 | 0.49 | 43.31 |
| 4.983 | 14.78 | 51.6 | 0.46 | 7.45 | 341.29 | 0.49 | 43.31 |
| 5.052 | 14.78 | 51.6 | 0.69 | 7.5 | 327.65 | 0.49 | 43.31 |
| 5.062 | 14.78 | 51.61 | 0.5 | 7.51 | 368.51 | 0.5 | 43.31 |
| 5.073 | 14.79 | 51.61 | 0.38 | 7.5 | 384.2 | 0.5 | 43.31 |
| 5.117 | 14.78 | 51.61 | 0.88 | 7.45 | 378.46 | 0.49 | 43.31 |
| 5.188 | 14.78 | 51.61 | 0.53 | 7.39 | 441.22 | 0.5 | 43.31 |
| 5.232 | 14.78 | 51.61 | 0.53 | 7.34 | 386.17 | 0.52 | 43.31 |
| 5.238 | 14.79 | 51.62 | 0.61 | 7.31 | 378.81 | 0.47 | 43.31 |
| 5.239 | 14.78 | 51.61 | 0.57 | 7.35 | 386.17 | 0.5 | 43.31 |
| 5.242 | 14.78 | 51.61 | 0.88 | 7.4 | 347.04 | 0.49 | 43.31 |
| 5.249 | 14.78 | 51.61 | 0.95 | 7.44 | 436.54 | 0.48 | 43.32 |
| 5.25 | 14.78 | 51.62 | 0.76 | 7.48 | 426.05 | 0.48 | 43.32 |

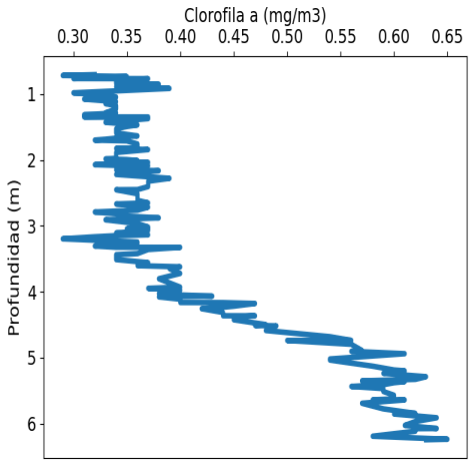
**Nombre: CTD N03 - Punto 009** **Fecha: 13/03/2024** **Hora: 10:03:47**

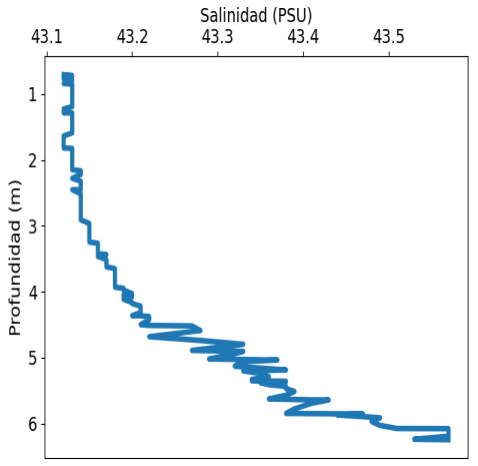


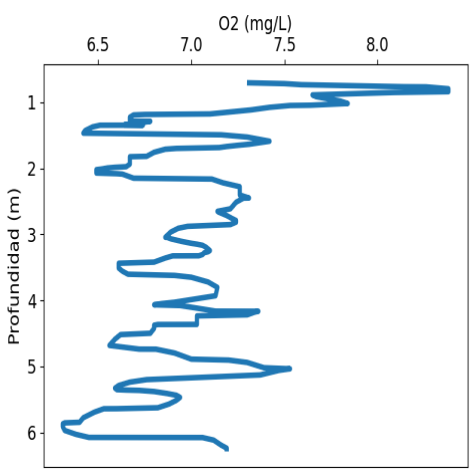



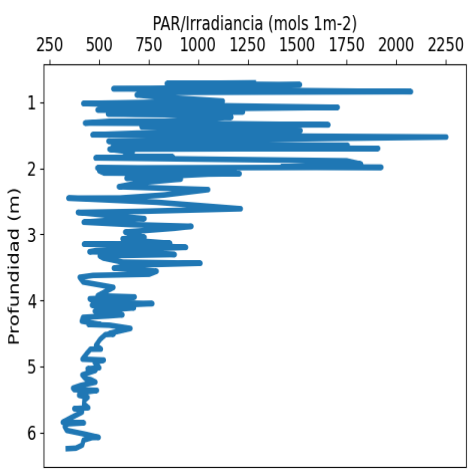




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.73 | 51.37 | 0.0 | 6.31 | 316.09 | 0.29 | 43.12 |
| **PROF (metros)** | 2.909 | 1.193 | 0.707 | 5.87 | 5.847 | 0.719 | 0.707 |
| **MÁXIMO** | 14.75 | 14.75 | 1.03 | 8.38 | 2253.2 | 0.65 | 43.57 |
| **PROF (metros)** | 0.707 | 6.078 | 3.327 | 0.797 | 1.528 | 6.239 | 6.078 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD N03 - Punto 009 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 1 - 2m | 14.75 | 51.37 | 0.42 | 6.92 | 997.74 | 0.34 | 43.13 |
| 2 - 3m | 14.74 | 51.38 | 0.51 | 7.01 | 752.18 | 0.36 | 43.14 |
| 3 - 4m | 14.73 | 51.39 | 0.57 | 6.93 | 636.72 | 0.36 | 43.16 |
| 4 - 5m | 14.73 | 51.47 | 0.59 | 6.94 | 528.53 | 0.47 | 43.23 |
| 5 - 6m | 14.74 | 51.63 | 0.59 | 6.75 | 413.8 | 0.59 | 43.38 |
| 6 - 7m | 14.74 | 51.81 | 0.56 | 6.93 | 422.59 | 0.62 | 43.54 |

| OBSERVACIONES GENERALES |
|---|
| |

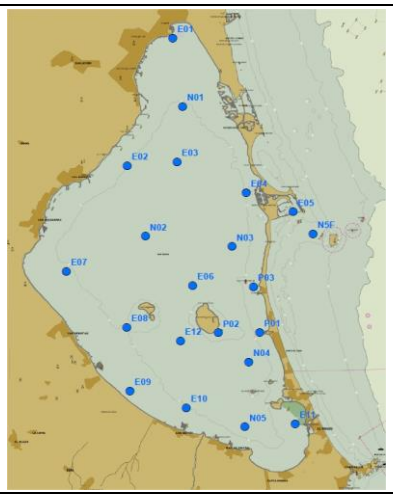
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.707 | 14.75 | 51.38 | 0.0 | 7.31 | 1281.7 | 0.32 | 43.12 |
| 0.719 | 14.75 | 51.38 | 0.0 | 7.5 | 840.99 | 0.29 | 43.13 |
| 0.735 | 14.75 | 51.38 | 0.0 | 7.59 | 1514.8 | 0.35 | 43.13 |
| 0.766 | 14.75 | 51.38 | 0.0 | 8.14 | 1026.5 | 0.3 | 43.12 |
| 0.768 | 14.75 | 51.38 | 0.0 | 8.26 | 1364.5 | 0.37 | 43.12 |
| 0.797 | 14.75 | 51.38 | 0.0 | 8.38 | 571.2 | 0.34 | 43.13 |
| 0.841 | 14.75 | 51.38 | 0.0 | 8.38 | 2075.2 | 0.34 | 43.12 |
| 0.853 | 14.75 | 51.38 | 0.0 | 8.09 | 768.48 | 0.38 | 43.13 |
| 0.89 | 14.75 | 51.38 | 0.0 | 7.65 | 689.17 | 0.34 | 43.13 |
| 0.916 | 14.75 | 51.38 | 0.0 | 7.67 | 778.34 | 0.39 | 43.13 |
| 0.983 | 14.75 | 51.38 | 0.0 | 7.8 | 1125.2 | 0.3 | 43.13 |
| 1.02 | 14.75 | 51.38 | 0.46 | 7.84 | 419.48 | 0.33 | 43.13 |
| 1.046 | 14.75 | 51.38 | 0.42 | 7.64 | 722.37 | 0.34 | 43.13 |
| 1.05 | 14.75 | 51.38 | 0.46 | 7.53 | 1012.8 | 0.34 | 43.13 |
| 1.078 | 14.75 | 51.38 | 0.38 | 7.42 | 1705.3 | 0.31 | 43.13 |
| 1.117 | 14.75 | 51.38 | 0.34 | 7.32 | 491.77 | 0.34 | 43.13 |
| 1.147 | 14.75 | 51.38 | 0.53 | 7.21 | 1227.1 | 0.33 | 43.13 |
| 1.178 | 14.75 | 51.38 | 0.5 | 7.1 | 544.32 | 0.34 | 43.13 |
| 1.186 | 14.75 | 51.38 | 0.38 | 6.75 | 683.12 | 0.34 | 43.13 |
| 1.193 | 14.75 | 51.37 | 0.53 | 6.69 | 1006.9 | 0.34 | 43.13 |
| 1.227 | 14.75 | 51.37 | 0.3 | 6.67 | 1168.5 | 0.34 | 43.12 |
| 1.287 | 14.75 | 51.37 | 0.38 | 6.67 | 829.37 | 0.33 | 43.12 |
| 1.289 | 14.75 | 51.37 | 0.65 | 6.78 | 553.48 | 0.34 | 43.13 |
| 1.316 | 14.75 | 51.37 | 0.42 | 6.72 | 428.32 | 0.31 | 43.13 |
| 1.324 | 14.75 | 51.38 | 0.5 | 6.69 | 1079.9 | 0.34 | 43.13 |
| 1.343 | 14.75 | 51.37 | 0.42 | 6.64 | 1658.5 | 0.34 | 43.13 |
| 1.348 | 14.75 | 51.37 | 0.42 | 6.74 | 883.14 | 0.31 | 43.13 |
| 1.349 | 14.75 | 51.37 | 0.34 | 6.51 | 781.78 | 0.37 | 43.13 |
| 1.374 | 14.75 | 51.37 | 0.42 | 6.47 | 714.04 | 0.37 | 43.13 |
| 1.43 | 14.75 | 51.38 | 0.5 | 6.43 | 1518.0 | 0.33 | 43.13 |
| 1.469 | 14.75 | 51.38 | 0.42 | 6.42 | 690.93 | 0.36 | 43.13 |
| 1.494 | 14.75 | 51.38 | 0.34 | 7.16 | 465.92 | 0.35 | 43.13 |
| 1.528 | 14.75 | 51.38 | 0.38 | 7.3 | 2253.2 | 0.34 | 43.13 |
| 1.591 | 14.75 | 51.38 | 0.23 | 7.42 | 546.59 | 0.34 | 43.13 |
| 1.637 | 14.75 | 51.37 | 0.53 | 7.31 | 879.67 | 0.36 | 43.12 |
| 1.653 | 14.75 | 51.37 | 0.3 | 7.25 | 1755.4 | 0.34 | 43.12 |

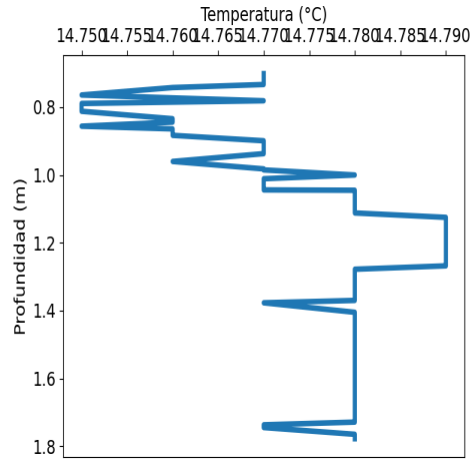
| 1.671 | 14.75 | 51.37 | 0.38 | 7.19 | 568.3 | 0.34 | 43.12 |
|---|---|---|---|---|---|---|---|
| 1.687 | 14.75 | 51.37 | 0.46 | 7.15 | 804.01 | 0.33 | 43.12 |
| 1.7 | 14.75 | 51.37 | 0.34 | 6.92 | 1909.5 | 0.32 | 43.12 |
| 1.712 | 14.75 | 51.37 | 0.5 | 6.86 | 551.81 | 0.35 | 43.12 |
| 1.759 | 14.75 | 51.37 | 0.53 | 6.8 | 670.42 | 0.36 | 43.12 |
| 1.82 | 14.75 | 51.37 | 0.34 | 6.76 | 626.98 | 0.36 | 43.12 |
| 1.826 | 14.75 | 51.37 | 0.42 | 6.67 | 872.15 | 0.34 | 43.13 |
| 1.844 | 14.75 | 51.37 | 0.3 | 6.67 | 481.4 | 0.37 | 43.13 |
| 1.888 | 14.75 | 51.37 | 0.42 | 6.67 | 1749.7 | 0.34 | 43.13 |
| 1.938 | 14.75 | 51.37 | 0.42 | 6.67 | 1823.0 | 0.34 | 43.13 |
| 1.977 | 14.75 | 51.37 | 0.46 | 6.65 | 1421.0 | 0.34 | 43.13 |
| 1.986 | 14.75 | 51.37 | 0.42 | 6.59 | 1925.5 | 0.33 | 43.13 |
| 1.996 | 14.75 | 51.37 | 0.5 | 6.55 | 490.63 | 0.35 | 43.13 |
| 2.011 | 14.75 | 51.37 | 0.57 | 6.52 | 910.79 | 0.36 | 43.13 |
| 2.022 | 14.74 | 51.37 | 0.53 | 6.49 | 1182.4 | 0.34 | 43.13 |
| 2.038 | 14.74 | 51.37 | 0.5 | 6.49 | 500.05 | 0.37 | 43.13 |
| 2.073 | 14.74 | 51.37 | 0.69 | 6.49 | 525.48 | 0.32 | 43.13 |
| 2.083 | 14.74 | 51.37 | 0.27 | 6.6 | 1210.4 | 0.34 | 43.13 |
| 2.089 | 14.74 | 51.37 | 0.38 | 6.63 | 1052.3 | 0.37 | 43.13 |
| 2.151 | 14.74 | 51.37 | 0.27 | 6.69 | 637.83 | 0.34 | 43.13 |
| 2.164 | 14.74 | 51.38 | 0.46 | 7.11 | 913.53 | 0.38 | 43.14 |
| 2.221 | 14.74 | 51.38 | 0.42 | 7.17 | 702.23 | 0.34 | 43.14 |
| 2.28 | 14.74 | 51.38 | 0.5 | 7.26 | 599.14 | 0.39 | 43.13 |
| 2.324 | 14.74 | 51.38 | 0.46 | 7.26 | 1051.5 | 0.37 | 43.14 |
| 2.405 | 14.74 | 51.38 | 0.42 | 7.26 | 828.99 | 0.37 | 43.14 |
| 2.451 | 14.74 | 51.38 | 0.5 | 7.31 | 606.26 | 0.36 | 43.14 |
| 2.453 | 14.74 | 51.38 | 0.42 | 7.28 | 344.31 | 0.34 | 43.13 |
| 2.515 | 14.74 | 51.38 | 0.46 | 7.24 | 789.79 | 0.36 | 43.14 |
| 2.614 | 14.74 | 51.38 | 0.38 | 7.21 | 1216.0 | 0.36 | 43.14 |
| 2.653 | 14.74 | 51.38 | 0.46 | 7.14 | 711.4 | 0.37 | 43.14 |
| 2.669 | 14.74 | 51.38 | 0.72 | 7.15 | 392.39 | 0.34 | 43.14 |
| 2.717 | 14.74 | 51.38 | 0.95 | 7.19 | 556.44 | 0.37 | 43.14 |
| 2.763 | 14.74 | 51.38 | 0.65 | 7.22 | 730.11 | 0.36 | 43.14 |
| 2.791 | 14.74 | 51.38 | 0.38 | 7.24 | 540.67 | 0.32 | 43.14 |
| 2.817 | 14.74 | 51.38 | 0.42 | 7.24 | 421.72 | 0.34 | 43.14 |
| 2.853 | 14.74 | 51.38 | 0.65 | 7.21 | 653.84 | 0.35 | 43.14 |
| 2.88 | 14.74 | 51.38 | 0.65 | 6.98 | 967.13 | 0.38 | 43.14 |
| 2.909 | 14.73 | 51.38 | 0.61 | 6.93 | 880.89 | 0.33 | 43.14 |
| 2.966 | 14.73 | 51.38 | 0.57 | 6.89 | 631.06 | 0.36 | 43.15 |
| 3.019 | 14.73 | 51.38 | 0.3 | 6.87 | 691.89 | 0.37 | 43.15 |
| 3.046 | 14.73 | 51.38 | 0.5 | 6.86 | 730.45 | 0.35 | 43.15 |
| 3.047 | 14.73 | 51.38 | 0.46 | 6.87 | 703.37 | 0.37 | 43.15 |
| 3.069 | 14.73 | 51.38 | 0.61 | 6.89 | 617.75 | 0.37 | 43.15 |
| 3.109 | 14.73 | 51.38 | 0.69 | 6.95 | 739.13 | 0.34 | 43.15 |
| 3.137 | 14.73 | 51.38 | 0.38 | 7.0 | 859.71 | 0.37 | 43.15 |
| 3.15 | 14.73 | 51.39 | 0.46 | 7.03 | 422.9 | 0.34 | 43.15 |
| 3.167 | 14.73 | 51.38 | 0.5 | 7.06 | 735.2 | 0.32 | 43.15 |
| 3.198 | 14.73 | 51.38 | 0.65 | 7.08 | 939.73 | 0.29 | 43.15 |
| 3.247 | 14.73 | 51.39 | 0.5 | 7.1 | 484.2 | 0.36 | 43.15 |
| 3.265 | 14.73 | 51.39 | 0.61 | 7.09 | 450.73 | 0.36 | 43.16 |
| 3.278 | 14.73 | 51.39 | 0.53 | 7.07 | 739.48 | 0.34 | 43.16 |
| 3.307 | 14.73 | 51.39 | 0.57 | 7.06 | 882.52 | 0.32 | 43.16 |
| 3.326 | 14.73 | 51.39 | 0.38 | 7.04 | 535.81 | 0.34 | 43.16 |
| 3.327 | 14.73 | 51.39 | 1.03 | 6.9 | 502.72 | 0.4 | 43.16 |
| 3.36 | 14.73 | 51.4 | 0.57 | 6.86 | 521.23 | 0.37 | 43.16 |
| 3.422 | 14.73 | 51.39 | 0.42 | 6.8 | 620.19 | 0.36 | 43.16 |
| 3.439 | 14.73 | 51.4 | 0.53 | 6.61 | 1012.6 | 0.34 | 43.17 |
| 3.467 | 14.73 | 51.39 | 0.53 | 6.61 | 667.94 | 0.34 | 43.16 |

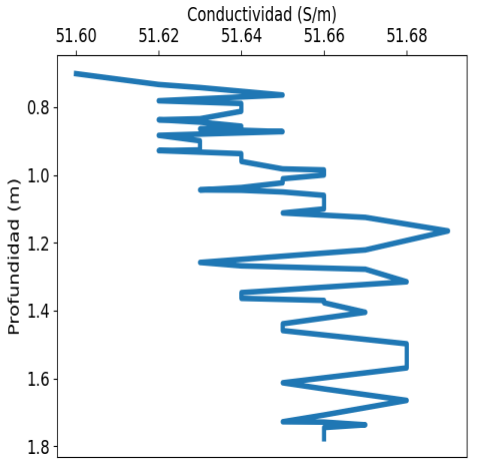
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3.513 | 14.73 | 51.4 | 0.46 | 6.61 | 573.72 | 0.34 | 43.17 |
| 3.559 | 14.73 | 51.4 | 0.53 | 6.63 | 791.44 | 0.37 | 43.17 |
| 3.605 | 14.73 | 51.4 | 0.38 | 6.66 | 752.97 | 0.36 | 43.17 |
| 3.623 | 14.73 | 51.4 | 0.46 | 6.91 | 469.71 | 0.4 | 43.17 |
| 3.651 | 14.73 | 51.41 | 0.61 | 7.0 | 401.6 | 0.39 | 43.18 |
| 3.723 | 14.73 | 51.41 | 0.42 | 7.09 | 419.68 | 0.4 | 43.18 |
| 3.804 | 14.73 | 51.41 | 0.57 | 7.14 | 573.19 | 0.38 | 43.18 |
| 3.931 | 14.73 | 51.41 | 0.76 | 7.13 | 492.46 | 0.4 | 43.18 |
| 3.949 | 14.73 | 51.42 | 1.03 | 7.09 | 680.59 | 0.37 | 43.19 |
| 3.977 | 14.73 | 51.41 | 0.95 | 7.03 | 452.09 | 0.4 | 43.19 |
| 4.029 | 14.73 | 51.43 | 1.03 | 6.91 | 486.78 | 0.38 | 43.2 |
| 4.05 | 14.73 | 51.42 | 0.76 | 6.84 | 769.73 | 0.4 | 43.19 |
| 4.068 | 14.73 | 51.42 | 0.69 | 6.8 | 637.98 | 0.43 | 43.19 |
| 4.073 | 14.73 | 51.43 | 0.69 | 6.86 | 463.12 | 0.4 | 43.19 |
| 4.079 | 14.73 | 51.43 | 0.42 | 6.94 | 599.97 | 0.38 | 43.2 |
| 4.114 | 14.73 | 51.42 | 0.5 | 7.02 | 676.98 | 0.4 | 43.19 |
| 4.164 | 14.73 | 51.43 | 0.57 | 7.13 | 477.62 | 0.4 | 43.2 |
| 4.166 | 14.73 | 51.43 | 0.42 | 7.36 | 517.86 | 0.44 | 43.2 |
| 4.179 | 14.73 | 51.43 | 0.61 | 7.34 | 532.34 | 0.47 | 43.2 |
| 4.22 | 14.73 | 51.44 | 0.5 | 7.3 | 618.9 | 0.45 | 43.21 |
| 4.236 | 14.73 | 51.44 | 0.65 | 7.03 | 547.86 | 0.44 | 43.21 |
| 4.258 | 14.73 | 51.45 | 0.53 | 7.03 | 418.61 | 0.42 | 43.21 |
| 4.315 | 14.73 | 51.44 | 0.38 | 7.03 | 412.25 | 0.44 | 43.21 |
| 4.365 | 14.73 | 51.43 | 0.46 | 7.03 | 505.99 | 0.44 | 43.2 |
| 4.366 | 14.73 | 51.45 | 0.84 | 6.82 | 446.67 | 0.47 | 43.21 |
| 4.377 | 14.73 | 51.46 | 0.95 | 6.8 | 552.97 | 0.46 | 43.22 |
| 4.426 | 14.73 | 51.46 | 0.84 | 6.8 | 659.32 | 0.45 | 43.22 |
| 4.499 | 14.73 | 51.45 | 0.76 | 6.78 | 553.35 | 0.48 | 43.21 |
| 4.512 | 14.73 | 51.45 | 0.46 | 6.68 | 574.12 | 0.47 | 43.22 |
| 4.519 | 14.73 | 51.51 | 0.46 | 6.62 | 531.97 | 0.49 | 43.27 |
| 4.589 | 14.73 | 51.52 | 0.61 | 6.59 | 505.99 | 0.48 | 43.28 |
| 4.683 | 14.73 | 51.46 | 0.61 | 6.56 | 483.97 | 0.54 | 43.22 |
| 4.739 | 14.73 | 51.53 | 0.5 | 6.72 | 510.12 | 0.56 | 43.28 |
| 4.74 | 14.74 | 51.52 | 0.5 | 6.81 | 456.62 | 0.5 | 43.28 |
| 4.798 | 14.74 | 51.57 | 0.38 | 6.91 | 440.1 | 0.56 | 43.33 |
| 4.891 | 14.74 | 51.51 | 0.42 | 7.0 | 415.71 | 0.57 | 43.27 |
| 4.905 | 14.74 | 51.58 | 0.46 | 7.2 | 524.75 | 0.56 | 43.33 |
| 4.941 | 14.74 | 51.57 | 0.65 | 7.3 | 477.29 | 0.61 | 43.32 |
| 5.021 | 14.74 | 51.54 | 0.53 | 7.39 | 501.91 | 0.54 | 43.29 |
| 5.037 | 14.74 | 51.62 | 0.57 | 7.53 | 441.43 | 0.54 | 43.37 |
| 5.061 | 14.74 | 51.57 | 0.46 | 7.47 | 482.18 | 0.55 | 43.33 |
| 5.13 | 14.74 | 51.57 | 0.61 | 7.37 | 414.94 | 0.58 | 43.32 |
| 5.188 | 14.74 | 51.63 | 0.42 | 6.86 | 432.11 | 0.6 | 43.38 |
| 5.201 | 14.74 | 51.58 | 0.5 | 6.76 | 458.1 | 0.61 | 43.33 |
| 5.239 | 14.74 | 51.6 | 0.53 | 6.67 | 482.4 | 0.59 | 43.35 |
| 5.29 | 14.74 | 51.61 | 0.72 | 6.61 | 406.84 | 0.63 | 43.36 |
| 5.33 | 14.74 | 51.59 | 0.61 | 6.59 | 367.99 | 0.62 | 43.34 |
| 5.353 | 14.74 | 51.59 | 0.34 | 6.6 | 374.62 | 0.57 | 43.34 |
| 5.359 | 14.74 | 51.63 | 0.57 | 6.65 | 448.54 | 0.59 | 43.38 |
| 5.364 | 14.74 | 51.63 | 0.53 | 6.72 | 490.07 | 0.61 | 43.38 |
| 5.381 | 14.74 | 51.6 | 0.76 | 6.8 | 449.69 | 0.6 | 43.35 |
| 5.411 | 14.74 | 51.61 | 0.92 | 6.87 | 400.94 | 0.59 | 43.36 |
| 5.438 | 14.74 | 51.63 | 0.84 | 6.92 | 398.44 | 0.56 | 43.38 |
| 5.47 | 14.74 | 51.63 | 0.92 | 6.94 | 442.96 | 0.59 | 43.38 |
| 5.514 | 14.74 | 51.65 | 0.95 | 6.92 | 425.55 | 0.59 | 43.39 |
| 5.571 | 14.74 | 51.63 | 0.65 | 6.88 | 423.98 | 0.6 | 43.38 |
| 5.627 | 14.74 | 51.62 | 0.5 | 6.82 | 446.36 | 0.6 | 43.36 |
| 5.641 | 14.74 | 51.67 | 0.5 | 6.6 | 374.19 | 0.58 | 43.41 |

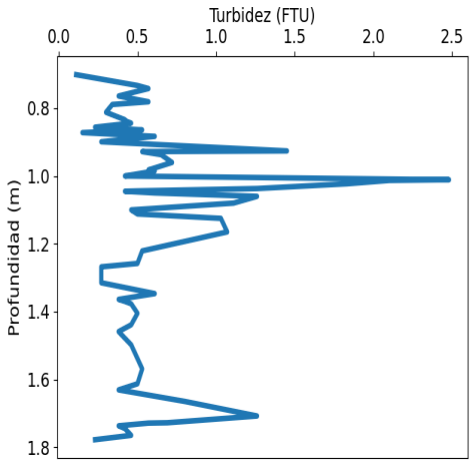
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5.642 | 14.74 | 51.69 | 0.61 | 6.53 | 403.09 | 0.61 | 43.43 |
| 5.693 | 14.74 | 51.67 | 0.57 | 6.48 | 414.46 | 0.57 | 43.41 |
| 5.778 | 14.74 | 51.65 | 0.5 | 6.42 | 358.73 | 0.59 | 43.39 |
| 5.847 | 14.74 | 51.63 | 0.42 | 6.4 | 316.09 | 0.62 | 43.38 |
| 5.856 | 14.74 | 51.73 | 0.53 | 6.32 | 424.17 | 0.6 | 43.47 |
| 5.87 | 14.74 | 51.7 | 0.5 | 6.31 | 343.36 | 0.61 | 43.44 |
| 5.913 | 14.74 | 51.75 | 0.38 | 6.31 | 326.21 | 0.64 | 43.49 |
| 5.97 | 14.74 | 51.74 | 0.65 | 6.32 | 336.97 | 0.62 | 43.48 |
| 6.029 | 14.74 | 51.75 | 0.72 | 6.38 | 432.31 | 0.61 | 43.49 |
| 6.076 | 14.74 | 51.78 | 0.61 | 6.45 | 498.89 | 0.64 | 43.51 |
| 6.078 | 14.74 | 51.84 | 0.5 | 7.06 | 465.49 | 0.62 | 43.57 |
| 6.117 | 14.74 | 51.84 | 0.5 | 7.12 | 421.72 | 0.62 | 43.57 |
| 6.193 | 14.74 | 51.84 | 0.5 | 7.16 | 415.23 | 0.58 | 43.57 |
| 6.239 | 14.74 | 51.8 | 0.5 | 7.19 | 383.23 | 0.65 | 43.53 |
| 6.246 | 14.74 | 51.84 | 0.57 | 7.19 | 341.29 | 0.63 | 43.57 |

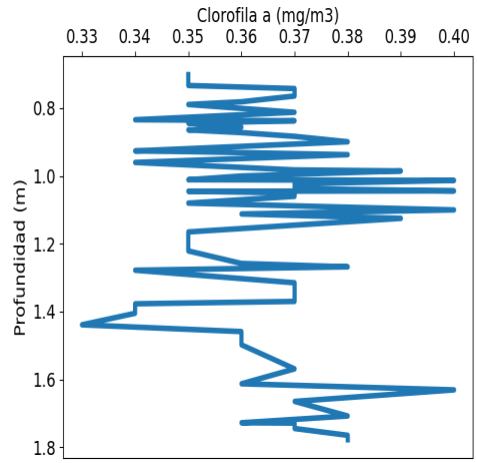
**Nombre: CTD P03 - Punto 010** **Fecha: 13/03/2024** **Hora: 10:03:09**

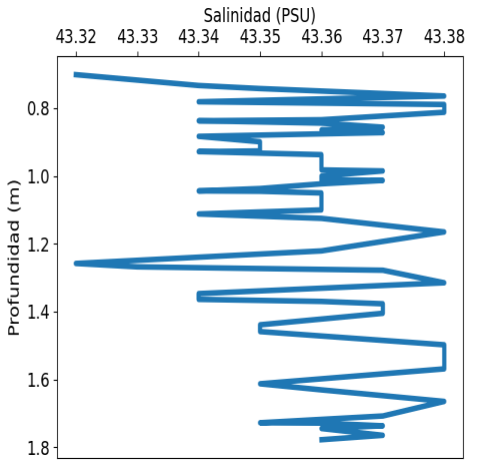


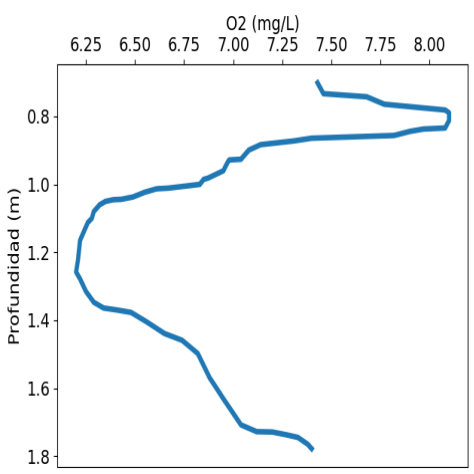



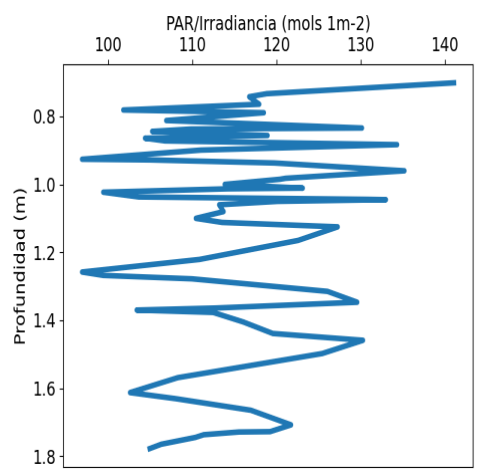




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.75 | 51.6 | 0.11 | 6.2 | 96.84 | 0.33 | 43.32 |
| **PROF (metros)** | 0.764 | 0.701 | 0.701 | 1.258 | 0.926 | 1.439 | 0.701 |
| **MÁXIMO** | 14.79 | 14.79 | 2.48 | 8.1 | 141.06 | 0.4 | 43.38 |
| **PROF (metros)** | 1.125 | 1.165 | 1.011 | 0.789 | 0.701 | 1.013 | 0.764 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD P03 - Punto 010 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.76 | 51.63 | 0.5 | 7.48 | 116.19 | 0.36 | 43.36 |
| 1 - 2m | 14.78 | 51.66 | 0.7 | 6.63 | 114.61 | 0.37 | 43.36 |

| OBSERVACIONES GENERALES |
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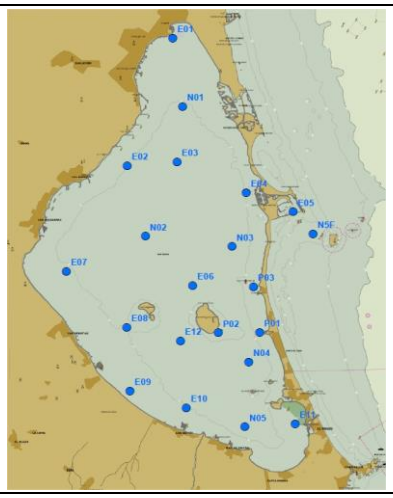
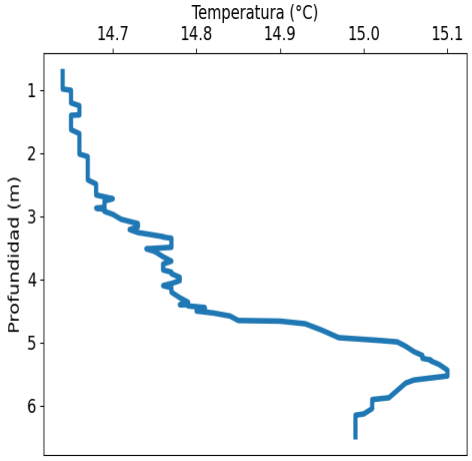
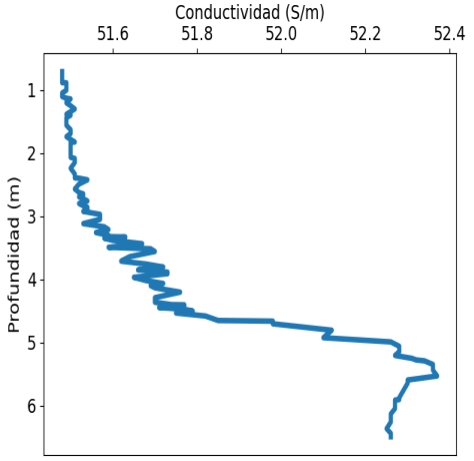
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.701 | 14.77 | 51.6 | 0.11 | 7.43 | 141.06 | 0.35 | 43.32 |
| 0.733 | 14.77 | 51.62 | 0.5 | 7.46 | 118.8 | 0.35 | 43.34 |
| 0.742 | 14.76 | 51.63 | 0.57 | 7.68 | 116.7 | 0.37 | 43.35 |
| 0.764 | 14.75 | 51.65 | 0.38 | 7.77 | 117.92 | 0.37 | 43.38 |
| 0.781 | 14.77 | 51.62 | 0.57 | 8.08 | 101.74 | 0.36 | 43.34 |
| 0.789 | 14.75 | 51.64 | 0.34 | 8.1 | 118.47 | 0.35 | 43.38 |
| 0.812 | 14.75 | 51.64 | 0.3 | 8.1 | 106.84 | 0.37 | 43.38 |
| 0.834 | 14.76 | 51.63 | 0.42 | 8.08 | 130.13 | 0.34 | 43.36 |
| 0.837 | 14.76 | 51.62 | 0.42 | 7.97 | 109.8 | 0.37 | 43.34 |
| 0.844 | 14.76 | 51.63 | 0.46 | 7.9 | 105.17 | 0.35 | 43.36 |
| 0.856 | 14.75 | 51.64 | 0.23 | 7.82 | 118.91 | 0.36 | 43.37 |
| 0.864 | 14.76 | 51.63 | 0.53 | 7.4 | 104.32 | 0.35 | 43.36 |
| 0.872 | 14.76 | 51.65 | 0.15 | 7.31 | 106.71 | 0.36 | 43.37 |
| 0.883 | 14.76 | 51.62 | 0.61 | 7.14 | 134.3 | 0.37 | 43.34 |
| 0.899 | 14.77 | 51.63 | 0.27 | 7.08 | 111.0 | 0.38 | 43.35 |
| 0.926 | 14.77 | 51.63 | 1.45 | 7.04 | 96.84 | 0.34 | 43.35 |
| 0.928 | 14.77 | 51.62 | 0.53 | 6.98 | 104.97 | 0.35 | 43.34 |
| 0.937 | 14.77 | 51.64 | 0.65 | 6.97 | 119.71 | 0.38 | 43.36 |
| 0.96 | 14.76 | 51.64 | 0.72 | 6.95 | 135.17 | 0.34 | 43.36 |
| 0.982 | 14.77 | 51.65 | 0.57 | 6.87 | 121.05 | 0.37 | 43.36 |
| 0.985 | 14.77 | 51.66 | 0.61 | 6.85 | 120.33 | 0.39 | 43.37 |
| 1.0 | 14.78 | 51.66 | 0.42 | 6.83 | 113.79 | 0.36 | 43.36 |
| 1.011 | 14.77 | 51.65 | 2.48 | 6.67 | 123.09 | 0.35 | 43.36 |
| 1.013 | 14.77 | 51.65 | 2.1 | 6.61 | 114.16 | 0.4 | 43.37 |
| 1.023 | 14.77 | 51.65 | 1.83 | 6.55 | 99.36 | 0.37 | 43.36 |
| 1.037 | 14.77 | 51.64 | 1.26 | 6.49 | 103.59 | 0.37 | 43.35 |
| 1.044 | 14.77 | 51.63 | 0.5 | 6.43 | 130.74 | 0.4 | 43.34 |
| 1.045 | 14.78 | 51.64 | 0.42 | 6.39 | 132.97 | 0.35 | 43.35 |
| 1.05 | 14.78 | 51.65 | 0.61 | 6.35 | 120.08 | 0.37 | 43.36 |
| 1.06 | 14.78 | 51.66 | 1.26 | 6.32 | 113.13 | 0.37 | 43.36 |
| 1.08 | 14.78 | 51.66 | 1.11 | 6.29 | 113.68 | 0.35 | 43.36 |
| 1.1 | 14.78 | 51.66 | 0.46 | 6.28 | 110.36 | 0.4 | 43.36 |
| 1.112 | 14.78 | 51.65 | 0.5 | 6.26 | 113.5 | 0.36 | 43.34 |
| 1.125 | 14.79 | 51.67 | 1.03 | 6.25 | 127.24 | 0.39 | 43.36 |
| 1.165 | 14.79 | 51.69 | 1.07 | 6.22 | 122.52 | 0.35 | 43.38 |
| 1.221 | 14.79 | 51.67 | 0.53 | 6.21 | 110.8 | 0.35 | 43.36 |
| 1.258 | 14.79 | 51.63 | 0.5 | 6.2 | 96.84 | 0.36 | 43.32 |
| 1.268 | 14.79 | 51.64 | 0.27 | 6.21 | 99.38 | 0.38 | 43.33 |
| 1.278 | 14.78 | 51.67 | 0.27 | 6.22 | 109.9 | 0.34 | 43.37 |
| 1.315 | 14.78 | 51.68 | 0.27 | 6.25 | 126.01 | 0.37 | 43.38 |

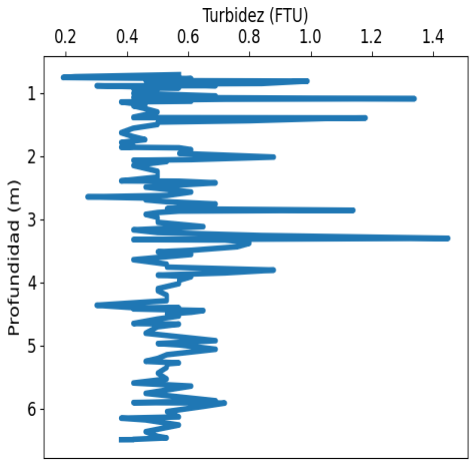
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.347 | 14.78 | 51.64 | 0.61 | 6.29 | 129.56 | 0.37 | 43.34 |
| 1.364 | 14.78 | 51.64 | 0.38 | 6.34 | 112.71 | 0.37 | 43.34 |
| 1.37 | 14.78 | 51.66 | 0.42 | 6.41 | 103.33 | 0.37 | 43.36 |
| 1.377 | 14.77 | 51.66 | 0.46 | 6.48 | 112.43 | 0.34 | 43.37 |
| 1.405 | 14.78 | 51.67 | 0.5 | 6.56 | 116.0 | 0.34 | 43.37 |
| 1.439 | 14.78 | 51.65 | 0.46 | 6.65 | 119.52 | 0.33 | 43.35 |
| 1.459 | 14.78 | 51.65 | 0.38 | 6.74 | 130.25 | 0.36 | 43.35 |
| 1.498 | 14.78 | 51.68 | 0.46 | 6.82 | 125.39 | 0.36 | 43.38 |
| 1.569 | 14.78 | 51.68 | 0.53 | 6.88 | 108.23 | 0.37 | 43.38 |
| 1.613 | 14.78 | 51.65 | 0.5 | 6.93 | 102.54 | 0.36 | 43.35 |
| 1.631 | 14.78 | 51.66 | 0.38 | 6.95 | 108.01 | 0.4 | 43.36 |
| 1.665 | 14.78 | 51.68 | 0.8 | 6.99 | 116.92 | 0.37 | 43.38 |
| 1.708 | 14.78 | 51.66 | 1.26 | 7.04 | 121.7 | 0.38 | 43.37 |
| 1.728 | 14.78 | 51.65 | 0.69 | 7.12 | 119.19 | 0.36 | 43.35 |
| 1.729 | 14.78 | 51.66 | 0.57 | 7.2 | 115.49 | 0.37 | 43.36 |
| 1.737 | 14.77 | 51.67 | 0.38 | 7.27 | 111.31 | 0.37 | 43.37 |
| 1.745 | 14.77 | 51.66 | 0.42 | 7.33 | 110.31 | 0.37 | 43.36 |
| 1.765 | 14.78 | 51.66 | 0.46 | 7.38 | 106.27 | 0.38 | 43.37 |
| 1.778 | 14.78 | 51.66 | 0.23 | 7.4 | 104.88 | 0.38 | 43.36 |

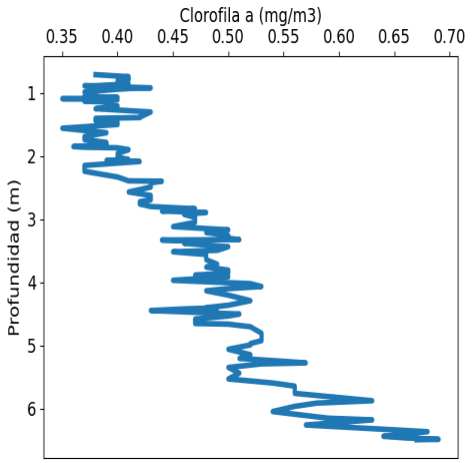
**Nombre: CTD E06 - Punto 011** **Fecha: 13/03/2024** **Hora: 10:03:36**

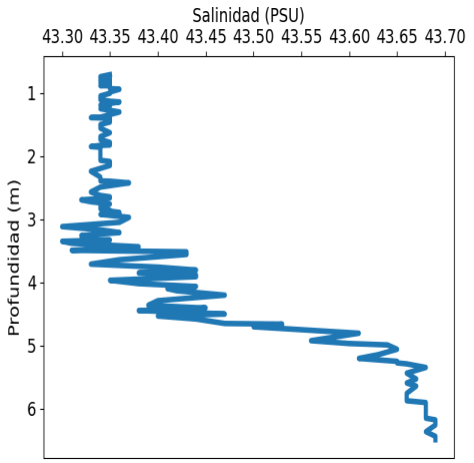


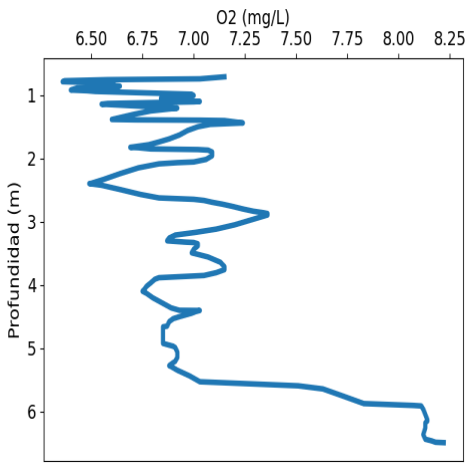



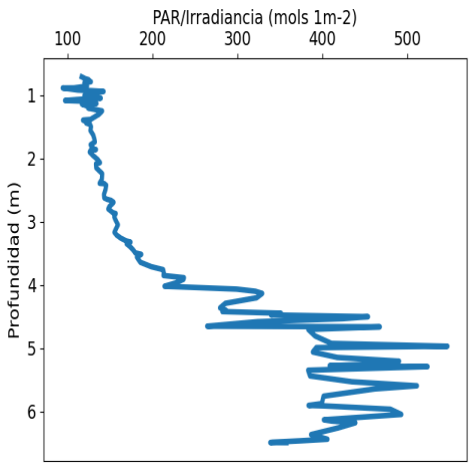




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.64 | 51.48 | 0.19 | 6.36 | 94.23 | 0.35 | 43.3 |
| **PROF (metros)** | 0.711 | 0.711 | 0.756 | 0.788 | 0.887 | 1.092 | 3.117 |
| **MÁXIMO** | 15.1 | 15.1 | 1.45 | 8.22 | 547.35 | 0.69 | 43.69 |
| **PROF (metros)** | 5.437 | 5.529 | 3.302 | 6.491 | 4.968 | 6.485 | 6.177 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E06 - Punto 011 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.64 | 51.48 | 0.53 | 6.62 | 120.51 | 0.4 | 43.35 |
| 1 - 2m | 14.65 | 51.49 | 0.57 | 6.9 | 125.87 | 0.39 | 43.34 |
| 2 - 3m | 14.68 | 51.52 | 0.55 | 6.97 | 145.85 | 0.43 | 43.34 |
| 3 - 4m | 14.75 | 51.63 | 0.65 | 7.0 | 186.19 | 0.48 | 43.36 |
| 4 - 5m | 14.84 | 51.84 | 0.52 | 6.88 | 347.97 | 0.5 | 43.47 |
| 5 - 6m | 15.06 | 52.3 | 0.55 | 7.33 | 433.45 | 0.54 | 43.66 |
| 6 - 7m | 14.99 | 52.26 | 0.48 | 8.15 | 397.14 | 0.63 | 43.69 |

| OBSERVACIONES GENERALES |
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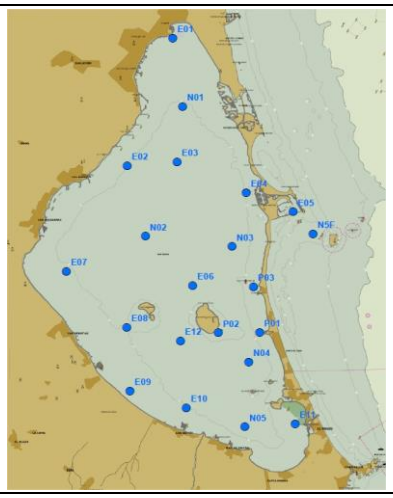
| |

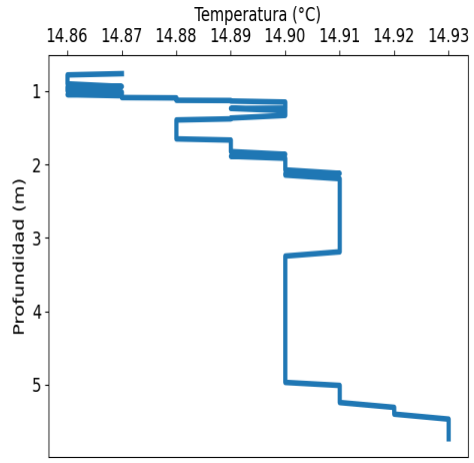
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.711 | 14.64 | 51.48 | 0.57 | 7.15 | 116.59 | 0.38 | 43.35 |
| 0.743 | 14.64 | 51.48 | 0.23 | 7.03 | 121.25 | 0.41 | 43.34 |
| 0.756 | 14.64 | 51.48 | 0.19 | 6.58 | 124.76 | 0.4 | 43.34 |
| 0.773 | 14.64 | 51.48 | 0.61 | 6.37 | 124.27 | 0.41 | 43.35 |
| 0.788 | 14.64 | 51.48 | 0.57 | 6.36 | 127.51 | 0.41 | 43.34 |
| 0.805 | 14.64 | 51.48 | 0.46 | 6.54 | 119.74 | 0.4 | 43.34 |
| 0.813 | 14.64 | 51.48 | 0.99 | 6.59 | 120.66 | 0.4 | 43.35 |
| 0.851 | 14.64 | 51.48 | 0.84 | 6.62 | 120.72 | 0.4 | 43.34 |
| 0.858 | 14.64 | 51.48 | 0.5 | 6.64 | 123.01 | 0.41 | 43.35 |
| 0.886 | 14.64 | 51.48 | 0.69 | 6.6 | 107.41 | 0.38 | 43.34 |
| 0.887 | 14.64 | 51.49 | 0.3 | 6.43 | 94.22 | 0.37 | 43.35 |
| 0.92 | 14.64 | 51.49 | 0.57 | 6.4 | 112.04 | 0.43 | 43.35 |
| 0.931 | 14.64 | 51.49 | 0.42 | 6.48 | 129.38 | 0.41 | 43.35 |
| 0.942 | 14.64 | 51.49 | 0.5 | 6.52 | 142.48 | 0.4 | 43.36 |
| 0.986 | 14.64 | 51.49 | 0.46 | 6.99 | 123.61 | 0.37 | 43.35 |
| 1.006 | 14.65 | 51.49 | 0.42 | 7.0 | 119.74 | 0.38 | 43.35 |
| 1.048 | 14.65 | 51.48 | 0.69 | 6.84 | 139.18 | 0.38 | 43.34 |
| 1.056 | 14.65 | 51.48 | 0.53 | 6.84 | 126.74 | 0.37 | 43.34 |
| 1.07 | 14.65 | 51.48 | 0.42 | 6.87 | 110.9 | 0.4 | 43.34 |
| 1.085 | 14.65 | 51.48 | 1.03 | 6.92 | 96.95 | 0.39 | 43.34 |
| 1.092 | 14.65 | 51.48 | 1.34 | 6.97 | 112.69 | 0.35 | 43.34 |
| 1.1 | 14.65 | 51.48 | 0.72 | 7.03 | 127.42 | 0.39 | 43.34 |
| 1.106 | 14.65 | 51.48 | 0.61 | 7.0 | 119.52 | 0.4 | 43.34 |
| 1.132 | 14.65 | 51.49 | 0.61 | 6.58 | 134.14 | 0.37 | 43.35 |
| 1.143 | 14.65 | 51.5 | 0.38 | 6.55 | 116.84 | 0.39 | 43.36 |
| 1.192 | 14.65 | 51.49 | 0.46 | 6.84 | 127.33 | 0.39 | 43.34 |
| 1.205 | 14.65 | 51.49 | 0.42 | 6.92 | 124.18 | 0.4 | 43.35 |
| 1.25 | 14.66 | 51.5 | 0.46 | 6.79 | 140.74 | 0.38 | 43.34 |
| 1.302 | 14.66 | 51.51 | 0.5 | 6.71 | 137.0 | 0.43 | 43.36 |
| 1.385 | 14.66 | 51.49 | 0.42 | 6.6 | 126.92 | 0.42 | 43.34 |
| 1.391 | 14.66 | 51.49 | 0.42 | 6.72 | 120.83 | 0.42 | 43.33 |
| 1.396 | 14.66 | 51.5 | 1.18 | 7.03 | 118.12 | 0.4 | 43.34 |
| 1.402 | 14.65 | 51.5 | 1.07 | 7.15 | 126.07 | 0.38 | 43.35 |
| 1.44 | 14.65 | 51.49 | 0.8 | 7.24 | 121.84 | 0.38 | 43.35 |
| 1.462 | 14.65 | 51.49 | 0.5 | 7.08 | 126.42 | 0.4 | 43.35 |

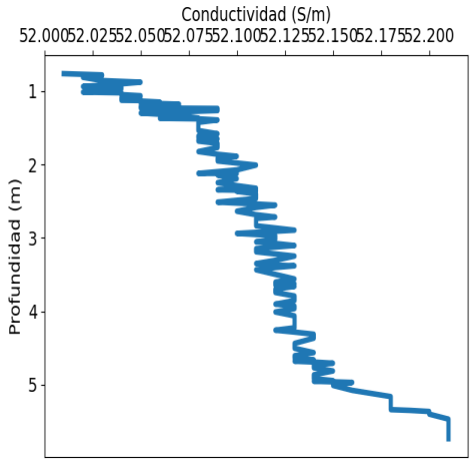
| 1.5 | 14.65 | 51.49 | 0.5 | 7.02 | 127.65 | 0.4 | 43.34 |
|---|---|---|---|---|---|---|---|
| 1.559 | 14.65 | 51.49 | 0.42 | 6.97 | 126.86 | 0.35 | 43.34 |
| 1.63 | 14.65 | 51.5 | 0.38 | 6.93 | 130.19 | 0.39 | 43.35 |
| 1.692 | 14.66 | 51.5 | 0.42 | 6.88 | 131.53 | 0.37 | 43.34 |
| 1.74 | 14.66 | 51.49 | 0.46 | 6.83 | 132.17 | 0.37 | 43.34 |
| 1.784 | 14.66 | 51.5 | 0.38 | 6.78 | 127.09 | 0.39 | 43.35 |
| 1.825 | 14.66 | 51.51 | 0.42 | 6.69 | 128.93 | 0.39 | 43.35 |
| 1.831 | 14.66 | 51.5 | 0.42 | 6.73 | 129.74 | 0.38 | 43.34 |
| 1.85 | 14.66 | 51.5 | 0.42 | 6.79 | 128.66 | 0.36 | 43.33 |
| 1.86 | 14.66 | 51.5 | 0.38 | 7.02 | 133.52 | 0.37 | 43.34 |
| 1.869 | 14.66 | 51.5 | 0.57 | 7.07 | 127.36 | 0.4 | 43.34 |
| 1.899 | 14.66 | 51.5 | 0.61 | 7.09 | 126.04 | 0.41 | 43.34 |
| 1.958 | 14.66 | 51.5 | 0.57 | 7.09 | 130.25 | 0.4 | 43.34 |
| 2.016 | 14.66 | 51.5 | 0.88 | 7.06 | 135.27 | 0.4 | 43.34 |
| 2.056 | 14.67 | 51.5 | 0.61 | 7.0 | 137.58 | 0.41 | 43.34 |
| 2.067 | 14.67 | 51.5 | 0.42 | 6.92 | 138.22 | 0.39 | 43.34 |
| 2.086 | 14.67 | 51.51 | 0.53 | 6.83 | 133.4 | 0.42 | 43.35 |
| 2.149 | 14.67 | 51.51 | 0.42 | 6.73 | 133.77 | 0.37 | 43.35 |
| 2.241 | 14.67 | 51.5 | 0.5 | 6.64 | 140.8 | 0.37 | 43.33 |
| 2.332 | 14.67 | 51.51 | 0.5 | 6.56 | 140.35 | 0.4 | 43.34 |
| 2.393 | 14.67 | 51.51 | 0.38 | 6.5 | 137.74 | 0.41 | 43.34 |
| 2.398 | 14.67 | 51.52 | 0.57 | 6.49 | 143.17 | 0.44 | 43.35 |
| 2.424 | 14.67 | 51.54 | 0.69 | 6.55 | 145.48 | 0.43 | 43.37 |
| 2.491 | 14.68 | 51.52 | 0.46 | 6.64 | 144.67 | 0.43 | 43.34 |
| 2.569 | 14.68 | 51.51 | 0.61 | 6.74 | 142.84 | 0.41 | 43.33 |
| 2.624 | 14.68 | 51.52 | 0.53 | 6.83 | 143.17 | 0.43 | 43.34 |
| 2.646 | 14.68 | 51.53 | 0.27 | 7.0 | 146.46 | 0.43 | 43.35 |
| 2.664 | 14.68 | 51.53 | 0.46 | 7.05 | 151.29 | 0.43 | 43.35 |
| 2.693 | 14.69 | 51.52 | 0.46 | 7.09 | 154.19 | 0.43 | 43.32 |
| 2.723 | 14.7 | 51.53 | 0.53 | 7.14 | 152.21 | 0.42 | 43.33 |
| 2.759 | 14.69 | 51.54 | 0.69 | 7.19 | 149.31 | 0.42 | 43.35 |
| 2.799 | 14.69 | 51.52 | 0.61 | 7.24 | 147.89 | 0.43 | 43.34 |
| 2.834 | 14.69 | 51.53 | 0.53 | 7.29 | 151.29 | 0.47 | 43.34 |
| 2.858 | 14.69 | 51.54 | 1.14 | 7.34 | 153.23 | 0.45 | 43.35 |
| 2.871 | 14.68 | 51.54 | 0.57 | 7.36 | 156.72 | 0.44 | 43.35 |
| 2.894 | 14.69 | 51.54 | 0.5 | 7.36 | 155.77 | 0.48 | 43.36 |
| 2.923 | 14.69 | 51.53 | 0.46 | 7.33 | 154.95 | 0.46 | 43.34 |
| 2.971 | 14.7 | 51.57 | 0.5 | 7.28 | 156.39 | 0.47 | 43.37 |
| 3.049 | 14.71 | 51.57 | 0.5 | 7.2 | 159.32 | 0.47 | 43.36 |
| 3.117 | 14.73 | 51.53 | 0.65 | 7.11 | 156.83 | 0.45 | 43.3 |
| 3.168 | 14.73 | 51.58 | 0.42 | 7.01 | 155.16 | 0.5 | 43.34 |
| 3.211 | 14.72 | 51.59 | 0.5 | 6.91 | 157.74 | 0.48 | 43.36 |
| 3.258 | 14.73 | 51.56 | 0.84 | 6.88 | 162.49 | 0.5 | 43.32 |
| 3.302 | 14.75 | 51.59 | 1.45 | 6.87 | 168.74 | 0.5 | 43.33 |
| 3.323 | 14.76 | 51.59 | 0.42 | 6.96 | 174.19 | 0.51 | 43.32 |
| 3.329 | 14.76 | 51.63 | 0.72 | 7.0 | 170.63 | 0.44 | 43.35 |
| 3.349 | 14.77 | 51.58 | 0.76 | 7.02 | 169.53 | 0.47 | 43.3 |
| 3.381 | 14.77 | 51.6 | 0.8 | 7.02 | 172.54 | 0.46 | 43.31 |
| 3.436 | 14.77 | 51.67 | 0.76 | 7.0 | 176.63 | 0.5 | 43.38 |
| 3.492 | 14.77 | 51.59 | 0.61 | 6.99 | 179.76 | 0.49 | 43.31 |
| 3.516 | 14.74 | 51.69 | 0.5 | 7.02 | 186.82 | 0.45 | 43.43 |
| 3.558 | 14.75 | 51.7 | 0.61 | 7.07 | 181.57 | 0.48 | 43.43 |
| 3.641 | 14.76 | 51.64 | 0.42 | 7.13 | 185.69 | 0.48 | 43.36 |
| 3.711 | 14.77 | 51.62 | 0.53 | 7.15 | 198.6 | 0.49 | 43.33 |
| 3.758 | 14.76 | 51.68 | 0.53 | 7.15 | 212.61 | 0.48 | 43.4 |
| 3.805 | 14.76 | 51.72 | 0.88 | 7.11 | 213.25 | 0.5 | 43.44 |
| 3.85 | 14.76 | 51.66 | 0.72 | 7.05 | 212.95 | 0.5 | 43.38 |
| 3.885 | 14.77 | 51.73 | 0.5 | 6.83 | 237.08 | 0.47 | 43.44 |

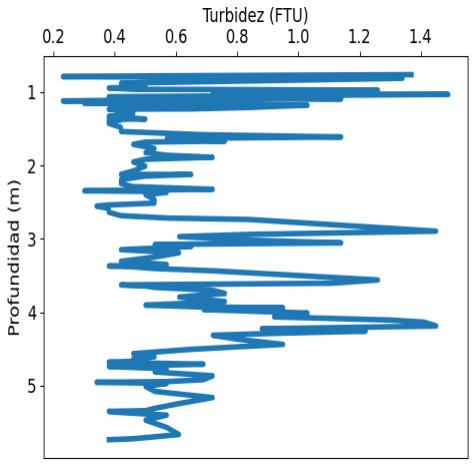
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3.91 | 14.77 | 51.73 | 0.61 | 6.81 | 236.53 | 0.5 | 43.44 |
| 3.967 | 14.78 | 51.65 | 0.57 | 6.79 | 227.55 | 0.45 | 43.35 |
| 4.02 | 14.78 | 51.68 | 0.57 | 6.77 | 214.04 | 0.52 | 43.38 |
| 4.065 | 14.77 | 51.72 | 0.53 | 6.76 | 299.05 | 0.53 | 43.44 |
| 4.099 | 14.76 | 51.69 | 0.5 | 6.75 | 321.03 | 0.5 | 43.41 |
| 4.133 | 14.77 | 51.7 | 0.5 | 6.77 | 329.25 | 0.48 | 43.42 |
| 4.202 | 14.77 | 51.76 | 0.53 | 6.8 | 322.6 | 0.5 | 43.47 |
| 4.29 | 14.78 | 51.7 | 0.53 | 6.85 | 285.77 | 0.52 | 43.4 |
| 4.362 | 14.79 | 51.7 | 0.3 | 6.89 | 279.48 | 0.5 | 43.39 |
| 4.4 | 14.78 | 51.74 | 0.42 | 6.93 | 286.7 | 0.48 | 43.44 |
| 4.403 | 14.79 | 51.77 | 0.57 | 7.03 | 284.91 | 0.49 | 43.45 |
| 4.42 | 14.79 | 51.77 | 0.42 | 7.01 | 282.22 | 0.46 | 43.44 |
| 4.446 | 14.81 | 51.71 | 0.65 | 6.99 | 351.32 | 0.43 | 43.38 |
| 4.473 | 14.81 | 51.77 | 0.61 | 6.96 | 339.48 | 0.47 | 43.43 |
| 4.501 | 14.8 | 51.79 | 0.53 | 6.93 | 453.88 | 0.51 | 43.47 |
| 4.532 | 14.82 | 51.75 | 0.57 | 6.9 | 423.98 | 0.5 | 43.4 |
| 4.58 | 14.84 | 51.82 | 0.5 | 6.88 | 323.8 | 0.47 | 43.44 |
| 4.651 | 14.85 | 51.85 | 0.42 | 6.87 | 264.3 | 0.47 | 43.47 |
| 4.661 | 14.9 | 51.98 | 0.57 | 6.85 | 467.76 | 0.5 | 43.53 |
| 4.703 | 14.93 | 51.98 | 0.5 | 6.85 | 383.4 | 0.52 | 43.5 |
| 4.805 | 14.95 | 52.12 | 0.46 | 6.85 | 391.4 | 0.53 | 43.61 |
| 4.923 | 14.97 | 52.1 | 0.69 | 6.85 | 410.73 | 0.53 | 43.56 |
| 4.968 | 15.02 | 52.21 | 0.5 | 6.9 | 547.35 | 0.52 | 43.6 |
| 4.99 | 15.04 | 52.26 | 0.57 | 6.91 | 392.85 | 0.52 | 43.64 |
| 5.059 | 15.05 | 52.28 | 0.69 | 6.92 | 388.77 | 0.5 | 43.65 |
| 5.145 | 15.06 | 52.28 | 0.53 | 6.92 | 417.64 | 0.52 | 43.63 |
| 5.204 | 15.07 | 52.27 | 0.5 | 6.91 | 490.41 | 0.51 | 43.61 |
| 5.25 | 15.07 | 52.31 | 0.46 | 6.89 | 461.62 | 0.55 | 43.65 |
| 5.275 | 15.08 | 52.32 | 0.57 | 6.88 | 408.54 | 0.57 | 43.65 |
| 5.29 | 15.08 | 52.34 | 0.53 | 6.89 | 524.02 | 0.53 | 43.66 |
| 5.347 | 15.09 | 52.36 | 0.53 | 6.92 | 383.23 | 0.5 | 43.68 |
| 5.437 | 15.1 | 52.36 | 0.5 | 6.98 | 385.45 | 0.51 | 43.66 |
| 5.529 | 15.1 | 52.37 | 0.53 | 7.03 | 434.83 | 0.5 | 43.67 |
| 5.593 | 15.06 | 52.3 | 0.42 | 7.51 | 511.42 | 0.54 | 43.66 |
| 5.642 | 15.05 | 52.3 | 0.61 | 7.63 | 461.83 | 0.56 | 43.67 |
| 5.757 | 15.04 | 52.29 | 0.46 | 7.73 | 401.41 | 0.56 | 43.66 |
| 5.874 | 15.03 | 52.28 | 0.69 | 7.83 | 399.37 | 0.63 | 43.66 |
| 5.903 | 15.01 | 52.28 | 0.42 | 8.07 | 383.67 | 0.59 | 43.68 |
| 5.911 | 15.01 | 52.27 | 0.72 | 8.11 | 402.9 | 0.58 | 43.68 |
| 5.963 | 15.01 | 52.27 | 0.65 | 8.12 | 480.06 | 0.56 | 43.68 |
| 6.045 | 15.01 | 52.27 | 0.53 | 8.13 | 493.03 | 0.54 | 43.68 |
| 6.13 | 15.0 | 52.26 | 0.57 | 8.14 | 401.69 | 0.58 | 43.68 |
| 6.15 | 14.99 | 52.26 | 0.38 | 8.14 | 411.11 | 0.59 | 43.68 |
| 6.177 | 14.99 | 52.26 | 0.46 | 8.13 | 438.98 | 0.63 | 43.69 |
| 6.258 | 14.99 | 52.26 | 0.57 | 8.13 | 418.7 | 0.57 | 43.69 |
| 6.364 | 14.99 | 52.25 | 0.46 | 8.12 | 386.62 | 0.68 | 43.68 |
| 6.437 | 14.99 | 52.26 | 0.5 | 8.13 | 406.09 | 0.64 | 43.69 |
| 6.462 | 14.99 | 52.26 | 0.53 | 8.16 | 374.45 | 0.66 | 43.69 |
| 6.485 | 14.99 | 52.26 | 0.42 | 8.18 | 341.45 | 0.69 | 43.69 |
| 6.49 | 14.99 | 52.26 | 0.42 | 8.21 | 338.61 | 0.67 | 43.69 |
| 6.491 | 14.99 | 52.26 | 0.38 | 8.22 | 357.82 | 0.67 | 43.69 |

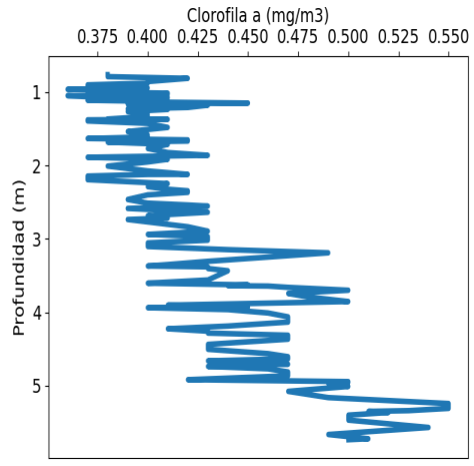
**Nombre: CTD E12 - Punto 012** **Fecha: 13/03/2024** **Hora: 10:03:27**

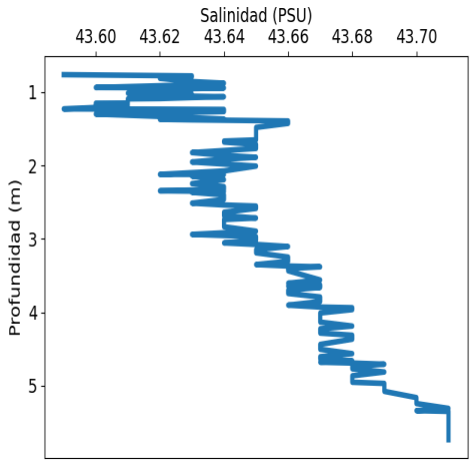


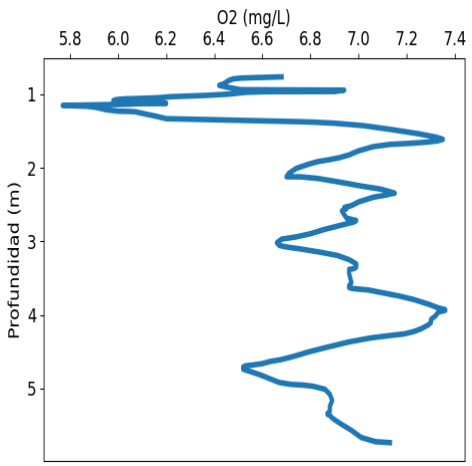



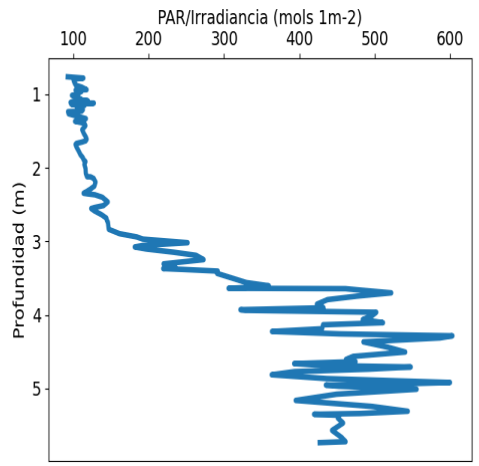




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.86 | 52.01 | 0.23 | 5.77 | 92.49 | 0.36 | 43.59 |
| **PROF (metros)** | 0.778 | 0.761 | 0.788 | 1.15 | 0.761 | 0.961 | 0.761 |
| **MÁXIMO** | 14.93 | 14.93 | 1.49 | 7.36 | 603.04 | 0.55 | 43.71 |
| **PROF (metros)** | 5.469 | 5.469 | 1.031 | 3.928 | 4.283 | 5.243 | 5.309 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E12 - Punto 012 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.86 | 52.03 | 0.71 | 6.57 | 106.02 | 0.38 | 43.62 |
| 1 - 2m | 14.89 | 52.07 | 0.6 | 6.5 | 108.58 | 0.4 | 43.63 |
| 2 - 3m | 14.91 | 52.1 | 0.58 | 6.93 | 135.4 | 0.41 | 43.64 |
| 3 - 4m | 14.9 | 52.12 | 0.66 | 7.01 | 325.93 | 0.44 | 43.66 |
| 4 - 5m | 14.9 | 52.14 | 0.75 | 6.86 | 474.49 | 0.46 | 43.68 |
| 5 - 6m | 14.92 | 52.19 | 0.52 | 6.93 | 463.46 | 0.51 | 43.71 |

| OBSERVACIONES GENERALES |
|---|
| |

| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.761 | 14.87 | 52.01 | 1.37 | 6.68 | 92.49 | 0.38 | 43.59 |
| 0.778 | 14.86 | 52.03 | 0.5 | 6.51 | 113.42 | 0.38 | 43.63 |
| 0.788 | 14.86 | 52.03 | 0.23 | 6.48 | 105.02 | 0.38 | 43.63 |
| 0.811 | 14.86 | 52.02 | 1.34 | 6.46 | 100.38 | 0.42 | 43.62 |
| 0.855 | 14.86 | 52.03 | 0.72 | 6.44 | 102.14 | 0.4 | 43.63 |
| 0.877 | 14.86 | 52.05 | 0.42 | 6.42 | 103.47 | 0.4 | 43.64 |
| 0.9 | 14.86 | 52.04 | 0.5 | 6.45 | 110.8 | 0.37 | 43.63 |
| 0.936 | 14.87 | 52.02 | 0.46 | 6.51 | 117.71 | 0.37 | 43.6 |
| 0.942 | 14.86 | 52.04 | 0.38 | 6.94 | 102.88 | 0.4 | 43.64 |
| 0.961 | 14.86 | 52.03 | 0.46 | 6.9 | 105.31 | 0.36 | 43.62 |
| 0.963 | 14.86 | 52.04 | 0.69 | 6.61 | 110.57 | 0.37 | 43.63 |
| 0.972 | 14.86 | 52.04 | 1.26 | 6.53 | 107.43 | 0.39 | 43.62 |
| 0.996 | 14.86 | 52.03 | 0.95 | 6.46 | 106.69 | 0.37 | 43.62 |
| 1.013 | 14.87 | 52.02 | 0.72 | 6.37 | 98.06 | 0.41 | 43.61 |
| 1.022 | 14.87 | 52.04 | 0.8 | 6.29 | 102.26 | 0.41 | 43.62 |
| 1.031 | 14.87 | 52.04 | 1.49 | 6.22 | 102.76 | 0.4 | 43.63 |
| 1.047 | 14.86 | 52.04 | 0.92 | 6.16 | 102.52 | 0.36 | 43.62 |
| 1.062 | 14.87 | 52.05 | 0.38 | 6.02 | 110.18 | 0.37 | 43.64 |
| 1.073 | 14.87 | 52.05 | 0.38 | 5.99 | 105.85 | 0.41 | 43.63 |
| 1.087 | 14.87 | 52.04 | 1.03 | 5.98 | 119.27 | 0.39 | 43.62 |
| 1.091 | 14.88 | 52.04 | 1.14 | 6.11 | 103.67 | 0.37 | 43.61 |
| 1.097 | 14.88 | 52.04 | 0.72 | 6.14 | 99.27 | 0.4 | 43.61 |
| 1.11 | 14.88 | 52.04 | 0.42 | 6.17 | 96.17 | 0.37 | 43.61 |
| 1.119 | 14.88 | 52.04 | 0.23 | 6.2 | 127.3 | 0.39 | 43.61 |
| 1.124 | 14.88 | 52.04 | 0.5 | 6.2 | 115.54 | 0.4 | 43.61 |
| 1.127 | 14.89 | 52.05 | 0.61 | 6.08 | 111.31 | 0.39 | 43.61 |
| 1.134 | 14.89 | 52.05 | 0.76 | 6.04 | 97.36 | 0.4 | 43.61 |
| 1.148 | 14.9 | 52.06 | 0.46 | 5.79 | 109.47 | 0.45 | 43.61 |
| 1.15 | 14.9 | 52.05 | 0.3 | 5.77 | 114.93 | 0.41 | 43.6 |
| 1.161 | 14.9 | 52.05 | 0.57 | 5.87 | 103.84 | 0.39 | 43.6 |
| 1.177 | 14.9 | 52.07 | 1.03 | 5.91 | 110.82 | 0.43 | 43.61 |
| 1.208 | 14.9 | 52.05 | 0.84 | 5.95 | 112.79 | 0.42 | 43.6 |
| 1.228 | 14.9 | 52.05 | 0.65 | 6.0 | 111.0 | 0.39 | 43.59 |
| 1.231 | 14.9 | 52.07 | 0.38 | 6.04 | 105.39 | 0.4 | 43.62 |
| 1.235 | 14.89 | 52.09 | 0.38 | 6.07 | 92.92 | 0.41 | 43.64 |
| 1.264 | 14.9 | 52.09 | 0.46 | 6.11 | 93.75 | 0.39 | 43.64 |

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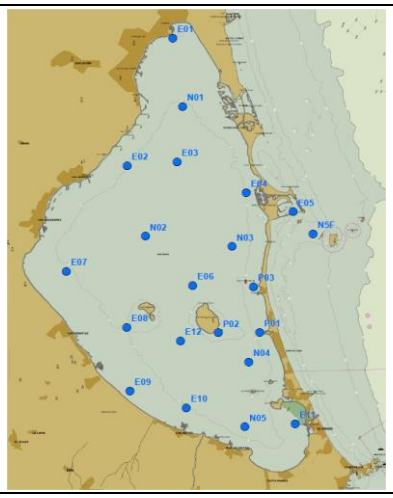
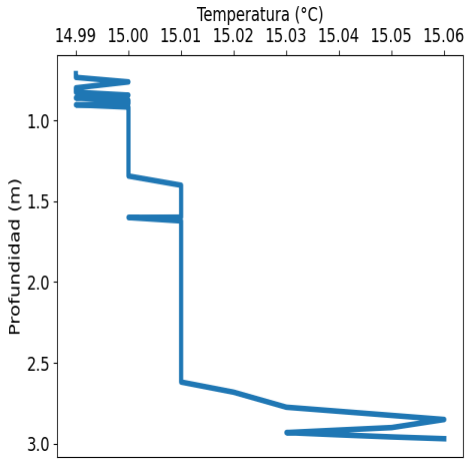
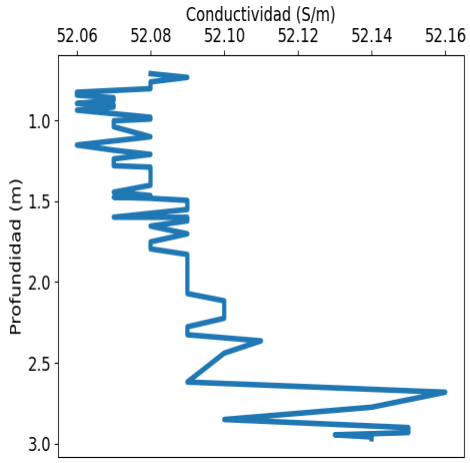
|---|---|---|---|---|---|---|---|
| 1.298 | 14.9 | 52.05 | 0.46 | 6.16 | 105.68 | 0.4 | 43.6 |
| 1.33 | 14.9 | 52.07 | 0.38 | 6.2 | 116.78 | 0.4 | 43.62 |
| 1.366 | 14.89 | 52.08 | 0.5 | 6.7 | 102.16 | 0.38 | 43.64 |
| 1.37 | 14.89 | 52.06 | 0.38 | 6.74 | 104.49 | 0.41 | 43.62 |
| 1.377 | 14.89 | 52.08 | 0.42 | 6.81 | 107.43 | 0.37 | 43.63 |
| 1.392 | 14.88 | 52.09 | 0.38 | 6.9 | 114.58 | 0.37 | 43.66 |
| 1.425 | 14.88 | 52.08 | 0.38 | 7.02 | 116.11 | 0.4 | 43.66 |
| 1.48 | 14.88 | 52.08 | 0.42 | 7.14 | 111.75 | 0.41 | 43.65 |
| 1.536 | 14.88 | 52.08 | 0.42 | 7.25 | 114.13 | 0.39 | 43.65 |
| 1.58 | 14.88 | 52.09 | 0.69 | 7.32 | 116.67 | 0.4 | 43.65 |
| 1.61 | 14.88 | 52.08 | 1.14 | 7.35 | 117.73 | 0.4 | 43.65 |
| 1.631 | 14.88 | 52.08 | 0.57 | 7.33 | 116.46 | 0.37 | 43.65 |
| 1.65 | 14.88 | 52.09 | 0.61 | 7.28 | 110.9 | 0.42 | 43.65 |
| 1.666 | 14.89 | 52.08 | 0.76 | 7.21 | 104.24 | 0.42 | 43.64 |
| 1.68 | 14.89 | 52.08 | 0.5 | 7.13 | 102.88 | 0.38 | 43.64 |
| 1.711 | 14.89 | 52.09 | 0.46 | 7.06 | 104.0 | 0.41 | 43.65 |
| 1.767 | 14.89 | 52.09 | 0.53 | 7.0 | 106.94 | 0.4 | 43.65 |
| 1.823 | 14.89 | 52.08 | 0.5 | 6.96 | 109.65 | 0.41 | 43.63 |
| 1.86 | 14.9 | 52.09 | 0.57 | 6.92 | 112.64 | 0.43 | 43.64 |
| 1.887 | 14.89 | 52.1 | 0.72 | 6.88 | 113.58 | 0.37 | 43.65 |
| 1.914 | 14.9 | 52.09 | 0.5 | 6.83 | 116.19 | 0.41 | 43.64 |
| 1.951 | 14.9 | 52.09 | 0.46 | 6.79 | 114.64 | 0.4 | 43.63 |
| 2.007 | 14.9 | 52.11 | 0.5 | 6.74 | 116.19 | 0.38 | 43.65 |
| 2.073 | 14.9 | 52.1 | 0.46 | 6.71 | 116.54 | 0.4 | 43.64 |
| 2.12 | 14.91 | 52.08 | 0.42 | 6.7 | 118.17 | 0.42 | 43.62 |
| 2.121 | 14.9 | 52.1 | 0.65 | 6.76 | 122.86 | 0.4 | 43.64 |
| 2.143 | 14.9 | 52.09 | 0.5 | 6.83 | 127.0 | 0.37 | 43.63 |
| 2.192 | 14.91 | 52.1 | 0.42 | 6.92 | 129.5 | 0.37 | 43.64 |
| 2.246 | 14.91 | 52.09 | 0.42 | 7.01 | 128.01 | 0.41 | 43.63 |
| 2.287 | 14.91 | 52.1 | 0.46 | 7.09 | 122.81 | 0.4 | 43.64 |
| 2.323 | 14.91 | 52.11 | 0.72 | 7.13 | 117.35 | 0.41 | 43.64 |
| 2.344 | 14.91 | 52.09 | 0.3 | 7.15 | 113.58 | 0.42 | 43.62 |
| 2.353 | 14.91 | 52.11 | 0.53 | 7.13 | 119.08 | 0.42 | 43.64 |
| 2.365 | 14.91 | 52.1 | 0.57 | 7.12 | 128.66 | 0.42 | 43.63 |
| 2.399 | 14.91 | 52.11 | 0.5 | 7.06 | 138.5 | 0.4 | 43.64 |
| 2.462 | 14.91 | 52.11 | 0.53 | 7.0 | 145.72 | 0.39 | 43.64 |
| 2.512 | 14.91 | 52.09 | 0.53 | 6.97 | 140.09 | 0.4 | 43.63 |
| 2.537 | 14.91 | 52.11 | 0.38 | 6.94 | 128.6 | 0.42 | 43.64 |
| 2.552 | 14.91 | 52.12 | 0.34 | 6.95 | 123.63 | 0.43 | 43.65 |
| 2.584 | 14.91 | 52.11 | 0.38 | 6.93 | 127.98 | 0.39 | 43.65 |
| 2.636 | 14.91 | 52.1 | 0.38 | 6.94 | 137.42 | 0.43 | 43.64 |
| 2.683 | 14.91 | 52.11 | 0.42 | 6.95 | 143.9 | 0.4 | 43.64 |
| 2.715 | 14.91 | 52.12 | 0.57 | 6.99 | 144.54 | 0.41 | 43.65 |
| 2.735 | 14.91 | 52.11 | 0.84 | 6.98 | 145.85 | 0.39 | 43.64 |
| 2.834 | 14.91 | 52.11 | 1.22 | 6.86 | 146.94 | 0.42 | 43.64 |
| 2.894 | 14.91 | 52.13 | 1.45 | 6.8 | 161.25 | 0.43 | 43.65 |
| 2.938 | 14.91 | 52.1 | 0.84 | 6.74 | 184.02 | 0.4 | 43.63 |
| 2.968 | 14.91 | 52.12 | 0.61 | 6.68 | 192.22 | 0.43 | 43.65 |
| 3.017 | 14.91 | 52.12 | 0.84 | 6.66 | 251.69 | 0.43 | 43.65 |
| 3.054 | 14.91 | 52.11 | 1.14 | 6.67 | 192.4 | 0.4 | 43.64 |
| 3.075 | 14.91 | 52.12 | 0.53 | 6.7 | 181.4 | 0.4 | 43.65 |
| 3.103 | 14.91 | 52.13 | 0.65 | 6.76 | 197.0 | 0.4 | 43.66 |
| 3.146 | 14.91 | 52.11 | 0.42 | 6.84 | 233.05 | 0.44 | 43.65 |
| 3.189 | 14.91 | 52.11 | 0.61 | 6.91 | 262.9 | 0.49 | 43.65 |
| 3.247 | 14.9 | 52.13 | 0.53 | 6.96 | 272.89 | 0.46 | 43.66 |
| 3.305 | 14.9 | 52.12 | 0.42 | 6.99 | 219.62 | 0.43 | 43.66 |
| 3.349 | 14.9 | 52.11 | 0.57 | 6.99 | 235.54 | 0.41 | 43.65 |
| 3.369 | 14.9 | 52.12 | 0.38 | 6.98 | 219.16 | 0.4 | 43.66 |

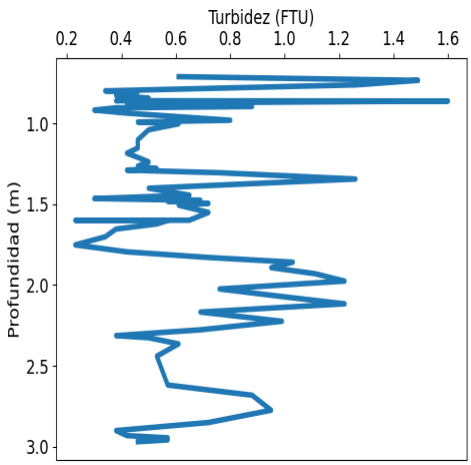
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3.38 | 14.9 | 52.13 | 0.46 | 6.96 | 244.84 | 0.43 | 43.67 |
| 3.403 | 14.9 | 52.12 | 0.53 | 6.96 | 291.66 | 0.43 | 43.66 |
| 3.434 | 14.9 | 52.11 | 0.72 | 6.96 | 290.65 | 0.44 | 43.66 |
| 3.559 | 14.9 | 52.13 | 1.26 | 6.97 | 329.48 | 0.43 | 43.67 |
| 3.603 | 14.9 | 52.12 | 1.11 | 6.96 | 359.4 | 0.4 | 43.66 |
| 3.626 | 14.9 | 52.13 | 0.42 | 6.96 | 329.4 | 0.45 | 43.67 |
| 3.637 | 14.9 | 52.12 | 0.46 | 6.97 | 305.85 | 0.44 | 43.67 |
| 3.642 | 14.9 | 52.12 | 0.5 | 6.98 | 461.09 | 0.46 | 43.66 |
| 3.66 | 14.9 | 52.13 | 0.53 | 7.04 | 479.17 | 0.47 | 43.67 |
| 3.699 | 14.9 | 52.12 | 0.72 | 7.1 | 521.84 | 0.5 | 43.66 |
| 3.743 | 14.9 | 52.12 | 0.76 | 7.17 | 476.73 | 0.47 | 43.66 |
| 3.791 | 14.9 | 52.13 | 0.61 | 7.23 | 437.25 | 0.48 | 43.67 |
| 3.853 | 14.9 | 52.13 | 0.76 | 7.29 | 423.09 | 0.5 | 43.67 |
| 3.902 | 14.9 | 52.12 | 0.5 | 7.33 | 432.01 | 0.41 | 43.66 |
| 3.928 | 14.9 | 52.13 | 0.69 | 7.36 | 321.63 | 0.45 | 43.67 |
| 3.937 | 14.9 | 52.13 | 0.95 | 7.36 | 328.41 | 0.4 | 43.68 |
| 3.963 | 14.9 | 52.13 | 0.69 | 7.33 | 502.02 | 0.44 | 43.68 |
| 4.009 | 14.9 | 52.12 | 1.03 | 7.32 | 496.35 | 0.46 | 43.67 |
| 4.062 | 14.9 | 52.13 | 0.92 | 7.3 | 483.86 | 0.47 | 43.67 |
| 4.105 | 14.9 | 52.13 | 1.3 | 7.3 | 510.94 | 0.47 | 43.67 |
| 4.133 | 14.9 | 52.13 | 1.41 | 7.29 | 431.31 | 0.47 | 43.67 |
| 4.187 | 14.9 | 52.13 | 1.45 | 7.26 | 430.11 | 0.44 | 43.68 |
| 4.224 | 14.9 | 52.13 | 0.88 | 7.23 | 363.42 | 0.41 | 43.67 |
| 4.257 | 14.9 | 52.12 | 1.22 | 7.19 | 453.56 | 0.43 | 43.67 |
| 4.283 | 14.9 | 52.13 | 0.95 | 7.12 | 603.04 | 0.43 | 43.67 |
| 4.312 | 14.9 | 52.14 | 0.72 | 7.05 | 586.36 | 0.47 | 43.68 |
| 4.366 | 14.9 | 52.14 | 0.8 | 6.96 | 484.76 | 0.47 | 43.68 |
| 4.437 | 14.9 | 52.13 | 0.95 | 6.87 | 516.78 | 0.43 | 43.67 |
| 4.504 | 14.9 | 52.13 | 0.65 | 6.79 | 540.42 | 0.43 | 43.67 |
| 4.563 | 14.9 | 52.14 | 0.46 | 6.73 | 471.24 | 0.46 | 43.68 |
| 4.605 | 14.9 | 52.13 | 0.53 | 6.68 | 461.62 | 0.47 | 43.67 |
| 4.634 | 14.9 | 52.13 | 0.46 | 6.63 | 474.53 | 0.47 | 43.67 |
| 4.661 | 14.9 | 52.14 | 0.5 | 6.6 | 392.85 | 0.43 | 43.68 |
| 4.68 | 14.9 | 52.13 | 0.38 | 6.56 | 421.04 | 0.44 | 43.67 |
| 4.691 | 14.9 | 52.14 | 0.5 | 6.53 | 457.78 | 0.45 | 43.68 |
| 4.707 | 14.9 | 52.15 | 0.69 | 6.52 | 547.74 | 0.47 | 43.69 |
| 4.737 | 14.9 | 52.14 | 0.38 | 6.52 | 491.77 | 0.43 | 43.68 |
| 4.77 | 14.9 | 52.14 | 0.57 | 6.55 | 393.58 | 0.46 | 43.68 |
| 4.813 | 14.9 | 52.15 | 0.53 | 6.59 | 363.08 | 0.47 | 43.69 |
| 4.865 | 14.9 | 52.14 | 0.72 | 6.63 | 436.14 | 0.47 | 43.68 |
| 4.918 | 14.9 | 52.14 | 0.69 | 6.67 | 599.83 | 0.42 | 43.68 |
| 4.944 | 14.9 | 52.15 | 0.57 | 6.72 | 512.01 | 0.5 | 43.68 |
| 4.953 | 14.9 | 52.14 | 0.34 | 6.77 | 434.93 | 0.5 | 43.68 |
| 4.969 | 14.9 | 52.16 | 0.57 | 6.81 | 452.2 | 0.49 | 43.69 |
| 5.01 | 14.91 | 52.15 | 0.5 | 6.86 | 555.53 | 0.5 | 43.69 |
| 5.077 | 14.91 | 52.16 | 0.53 | 6.88 | 449.48 | 0.47 | 43.69 |
| 5.162 | 14.91 | 52.18 | 0.72 | 6.89 | 394.95 | 0.49 | 43.7 |
| 5.243 | 14.91 | 52.18 | 0.61 | 6.88 | 495.89 | 0.55 | 43.7 |
| 5.309 | 14.92 | 52.18 | 0.53 | 6.88 | 543.81 | 0.55 | 43.71 |
| 5.34 | 14.92 | 52.18 | 0.5 | 6.87 | 480.17 | 0.53 | 43.7 |
| 5.35 | 14.92 | 52.19 | 0.38 | 6.87 | 419.29 | 0.51 | 43.71 |
| 5.365 | 14.92 | 52.2 | 0.42 | 6.88 | 453.24 | 0.52 | 43.71 |
| 5.401 | 14.92 | 52.2 | 0.57 | 6.89 | 450.83 | 0.5 | 43.71 |
| 5.469 | 14.93 | 52.21 | 0.5 | 6.92 | 458.0 | 0.5 | 43.71 |
| 5.569 | 14.93 | 52.21 | 0.57 | 6.97 | 443.17 | 0.54 | 43.71 |
| 5.665 | 14.93 | 52.21 | 0.61 | 7.01 | 455.88 | 0.49 | 43.71 |
| 5.723 | 14.93 | 52.21 | 0.46 | 7.07 | 461.3 | 0.51 | 43.71 |
| 5.736 | 14.93 | 52.21 | 0.38 | 7.13 | 426.84 | 0.5 | 43.71 |

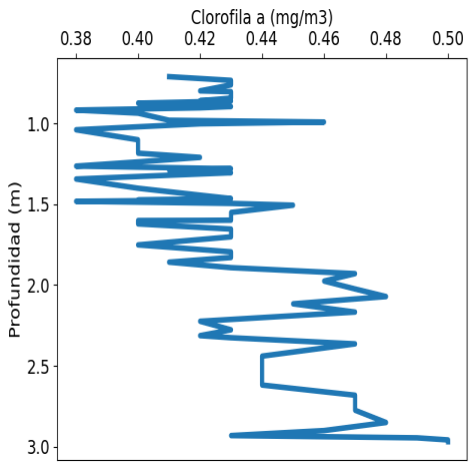
**Nombre: CTD P02 - Punto 013** **Fecha: 13/03/2024** **Hora: 10:03:09**

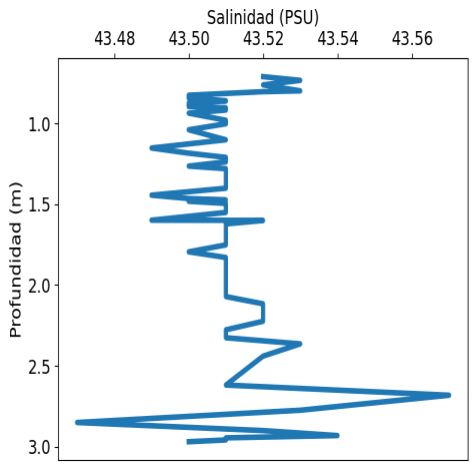


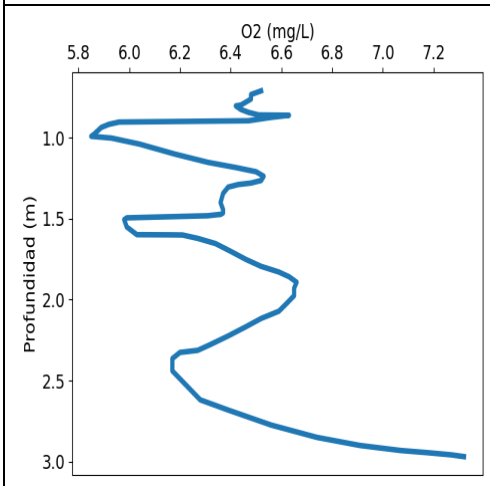



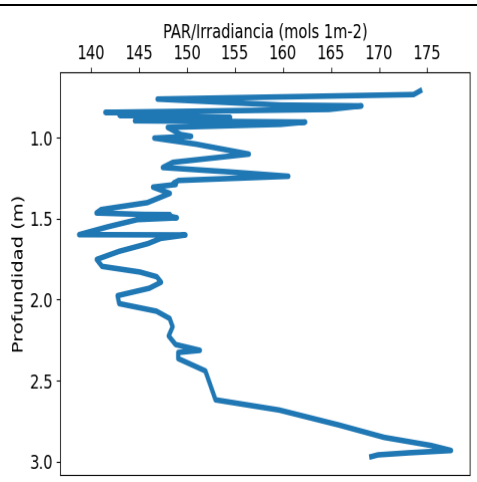




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.99 | 52.06 | 0.23 | 5.85 | 138.73 | 0.38 | 43.47 |
| **PROF (metros)** | 0.709 | 0.824 | 1.599 | 0.99 | 1.598 | 0.916 | 2.851 |
| **MÁXIMO** | 15.06 | 15.06 | 1.6 | 7.32 | 177.49 | 0.5 | 43.57 |
| **PROF (metros)** | 2.851 | 2.682 | 0.86 | 2.97 | 2.932 | 2.959 | 2.682 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD P02 - Punto 013 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.99 | 52.07 | 0.67 | 6.31 | 155.73 | 0.42 | 43.51 |
| 1 - 2m | 15.01 | 52.08 | 0.61 | 6.35 | 146.79 | 0.42 | 43.51 |
| 2 - 3m | 15.02 | 52.11 | 0.68 | 6.6 | 157.82 | 0.46 | 43.52 |

| OBSERVACIONES GENERALES |
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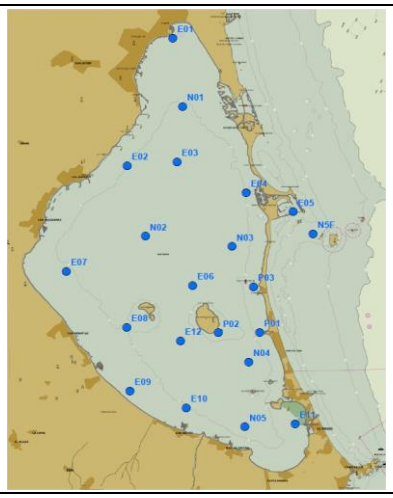
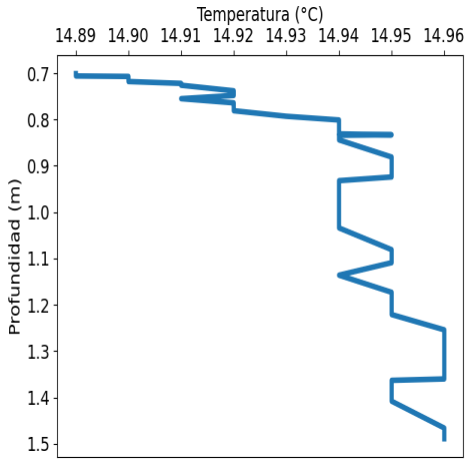
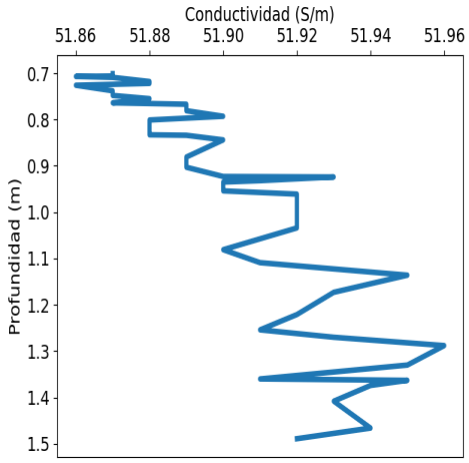
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.709 | 14.99 | 52.08 | 0.61 | 6.52 | 174.27 | 0.41 | 43.52 |
| 0.732 | 14.99 | 52.09 | 1.49 | 6.48 | 173.58 | 0.43 | 43.53 |
| 0.76 | 15.0 | 52.08 | 1.26 | 6.48 | 146.9 | 0.43 | 43.52 |
| 0.797 | 14.99 | 52.08 | 0.34 | 6.44 | 159.8 | 0.42 | 43.53 |
| 0.802 | 14.99 | 52.08 | 0.46 | 6.42 | 168.16 | 0.43 | 43.52 |
| 0.824 | 14.99 | 52.06 | 0.38 | 6.44 | 164.76 | 0.43 | 43.5 |
| 0.842 | 15.0 | 52.06 | 0.5 | 6.47 | 141.46 | 0.43 | 43.5 |
| 0.858 | 14.99 | 52.07 | 0.38 | 6.51 | 150.98 | 0.42 | 43.51 |
| 0.86 | 14.99 | 52.07 | 1.6 | 6.63 | 142.94 | 0.43 | 43.51 |
| 0.873 | 15.0 | 52.07 | 0.42 | 6.56 | 154.48 | 0.4 | 43.5 |
| 0.894 | 15.0 | 52.06 | 0.88 | 6.47 | 144.54 | 0.43 | 43.5 |
| 0.902 | 14.99 | 52.07 | 0.38 | 5.96 | 162.3 | 0.42 | 43.51 |
| 0.916 | 15.0 | 52.07 | 0.3 | 5.92 | 159.76 | 0.38 | 43.51 |
| 0.935 | 15.0 | 52.06 | 0.42 | 5.89 | 147.96 | 0.4 | 43.5 |
| 0.979 | 15.0 | 52.08 | 0.8 | 5.86 | 149.34 | 0.41 | 43.51 |
| 0.99 | 15.0 | 52.08 | 0.46 | 5.85 | 150.42 | 0.46 | 43.51 |
| 1.001 | 15.0 | 52.07 | 0.61 | 5.93 | 146.56 | 0.42 | 43.51 |
| 1.038 | 15.0 | 52.07 | 0.5 | 6.04 | 150.87 | 0.38 | 43.5 |
| 1.1 | 15.0 | 52.08 | 0.46 | 6.18 | 156.43 | 0.4 | 43.51 |
| 1.151 | 15.0 | 52.06 | 0.46 | 6.31 | 148.51 | 0.4 | 43.49 |
| 1.183 | 15.0 | 52.07 | 0.42 | 6.42 | 147.45 | 0.4 | 43.5 |
| 1.209 | 15.0 | 52.08 | 0.46 | 6.5 | 154.12 | 0.42 | 43.51 |
| 1.237 | 15.0 | 52.07 | 0.5 | 6.53 | 160.54 | 0.4 | 43.51 |
| 1.263 | 15.0 | 52.07 | 0.46 | 6.52 | 149.1 | 0.38 | 43.5 |
| 1.279 | 15.0 | 52.07 | 0.53 | 6.48 | 148.58 | 0.43 | 43.51 |
| 1.288 | 15.0 | 52.08 | 0.42 | 6.43 | 148.82 | 0.41 | 43.51 |
| 1.304 | 15.0 | 52.08 | 0.76 | 6.39 | 146.43 | 0.43 | 43.51 |
| 1.343 | 15.0 | 52.08 | 1.26 | 6.37 | 148.2 | 0.38 | 43.51 |
| 1.4 | 15.01 | 52.08 | 0.5 | 6.36 | 145.85 | 0.4 | 43.51 |
| 1.443 | 15.01 | 52.07 | 0.65 | 6.37 | 141.03 | 0.42 | 43.49 |
| 1.464 | 15.01 | 52.08 | 0.3 | 6.37 | 140.54 | 0.43 | 43.5 |
| 1.473 | 15.01 | 52.08 | 0.61 | 6.36 | 145.45 | 0.4 | 43.51 |
| 1.474 | 15.01 | 52.07 | 0.69 | 6.35 | 148.2 | 0.42 | 43.5 |
| 1.481 | 15.01 | 52.08 | 0.57 | 6.31 | 148.0 | 0.38 | 43.5 |
| 1.494 | 15.01 | 52.09 | 0.72 | 5.99 | 148.93 | 0.43 | 43.51 |
| 1.505 | 15.01 | 52.09 | 0.61 | 5.98 | 144.81 | 0.45 | 43.51 |
| 1.55 | 15.01 | 52.09 | 0.72 | 5.99 | 141.69 | 0.43 | 43.51 |
| 1.598 | 15.01 | 52.07 | 0.65 | 6.03 | 138.73 | 0.43 | 43.49 |
| 1.599 | 15.0 | 52.09 | 0.23 | 6.16 | 146.29 | 0.42 | 43.52 |

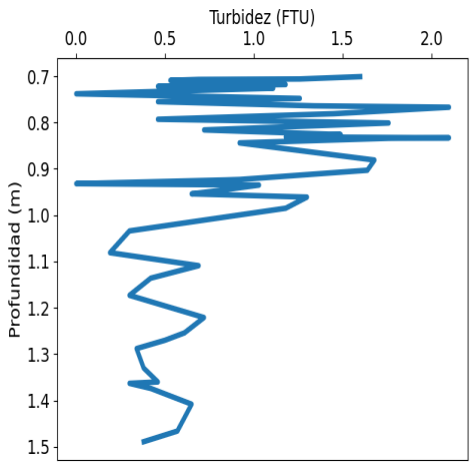
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.6 | 15.0 | 52.09 | 0.57 | 6.21 | 149.83 | 0.4 | 43.52 |
| 1.621 | 15.01 | 52.09 | 0.53 | 6.27 | 147.24 | 0.4 | 43.51 |
| 1.653 | 15.01 | 52.08 | 0.38 | 6.34 | 145.92 | 0.43 | 43.51 |
| 1.701 | 15.01 | 52.09 | 0.34 | 6.4 | 142.91 | 0.43 | 43.51 |
| 1.751 | 15.01 | 52.08 | 0.23 | 6.46 | 140.57 | 0.4 | 43.51 |
| 1.794 | 15.01 | 52.08 | 0.42 | 6.52 | 141.13 | 0.43 | 43.5 |
| 1.829 | 15.01 | 52.09 | 0.72 | 6.59 | 145.08 | 0.43 | 43.51 |
| 1.858 | 15.01 | 52.09 | 1.03 | 6.63 | 146.83 | 0.41 | 43.51 |
| 1.892 | 15.01 | 52.09 | 0.95 | 6.66 | 147.28 | 0.43 | 43.51 |
| 1.929 | 15.01 | 52.09 | 1.11 | 6.65 | 146.05 | 0.47 | 43.51 |
| 1.975 | 15.01 | 52.09 | 1.22 | 6.65 | 142.74 | 0.46 | 43.51 |
| 2.024 | 15.01 | 52.09 | 0.76 | 6.62 | 142.91 | 0.47 | 43.51 |
| 2.071 | 15.01 | 52.09 | 0.99 | 6.59 | 146.8 | 0.48 | 43.51 |
| 2.116 | 15.01 | 52.1 | 1.22 | 6.52 | 148.17 | 0.45 | 43.52 |
| 2.167 | 15.01 | 52.1 | 0.69 | 6.46 | 148.48 | 0.47 | 43.52 |
| 2.224 | 15.01 | 52.1 | 0.99 | 6.39 | 148.07 | 0.42 | 43.52 |
| 2.277 | 15.01 | 52.09 | 0.69 | 6.32 | 148.79 | 0.43 | 43.51 |
| 2.313 | 15.01 | 52.09 | 0.38 | 6.27 | 151.33 | 0.42 | 43.51 |
| 2.326 | 15.01 | 52.09 | 0.5 | 6.2 | 149.06 | 0.43 | 43.51 |
| 2.364 | 15.01 | 52.11 | 0.61 | 6.17 | 149.06 | 0.47 | 43.53 |
| 2.44 | 15.01 | 52.1 | 0.53 | 6.17 | 151.89 | 0.44 | 43.52 |
| 2.619 | 15.01 | 52.09 | 0.57 | 6.28 | 152.95 | 0.44 | 43.51 |
| 2.682 | 15.02 | 52.16 | 0.88 | 6.39 | 159.58 | 0.47 | 43.57 |
| 2.775 | 15.03 | 52.14 | 0.95 | 6.56 | 165.83 | 0.47 | 43.53 |
| 2.851 | 15.06 | 52.1 | 0.72 | 6.74 | 170.51 | 0.48 | 43.47 |
| 2.901 | 15.05 | 52.15 | 0.38 | 6.91 | 175.4 | 0.46 | 43.52 |
| 2.932 | 15.03 | 52.15 | 0.42 | 7.07 | 177.49 | 0.43 | 43.54 |
| 2.946 | 15.04 | 52.13 | 0.57 | 7.18 | 173.18 | 0.49 | 43.51 |
| 2.959 | 15.05 | 52.14 | 0.57 | 7.27 | 169.88 | 0.5 | 43.51 |
| 2.97 | 15.06 | 52.14 | 0.46 | 7.32 | 169.17 | 0.5 | 43.5 |

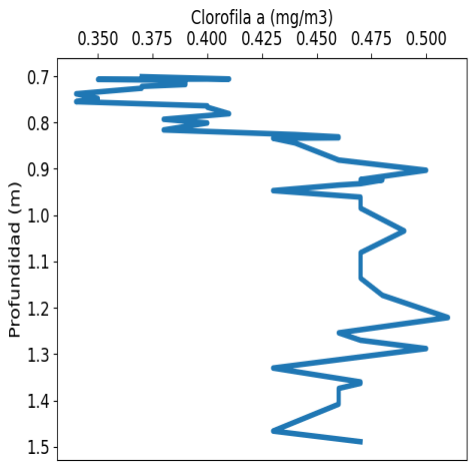
**Nombre: CTD P01 - Punto 014** **Fecha: 13/03/2024** **Hora: 10:03:13**

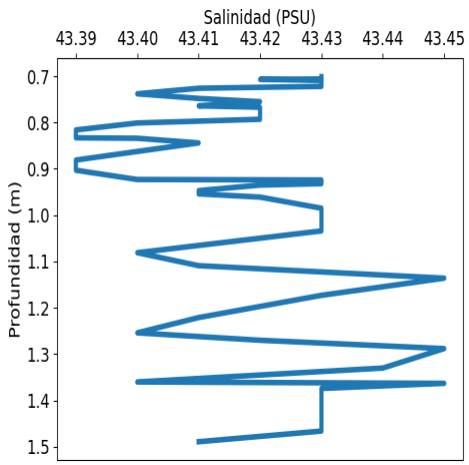


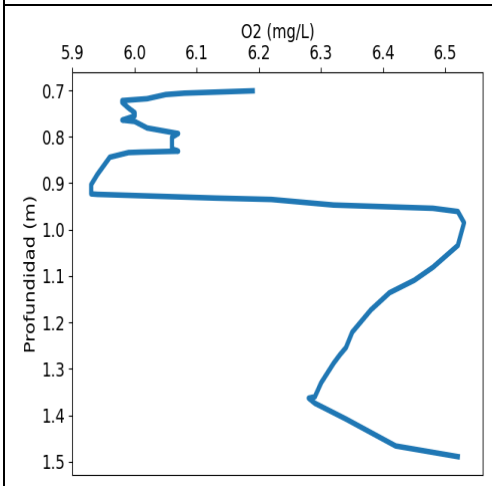



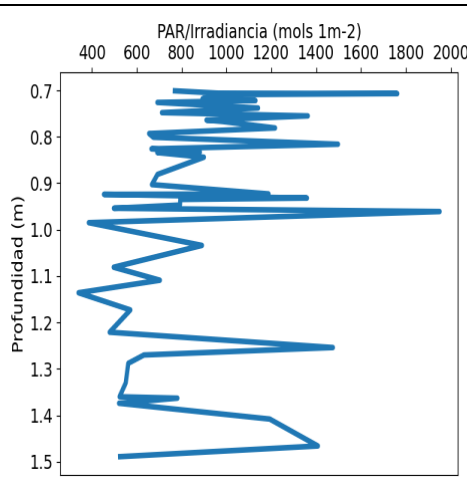




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.89 | 51.86 | 0.0 | 5.93 | 340.74 | 0.34 | 43.39 |
| **PROF (metros)** | 0.701 | 0.707 | 0.738 | 0.903 | 1.136 | 0.738 | 0.816 |
| **MÁXIMO** | 14.96 | 14.96 | 2.1 | 6.53 | 1950.2 | 0.51 | 43.45 |
| **PROF (metros)** | 1.254 | 1.288 | 0.767 | 0.985 | 0.961 | 1.221 | 1.136 |

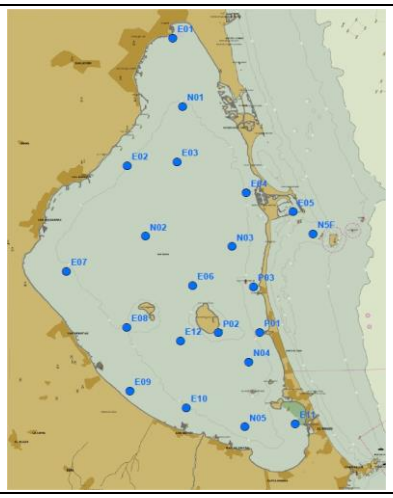
| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD P01 - Punto 014 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.93 | 51.89 | 1.17 | 6.08 | 919.75 | 0.42 | 43.41 |
| 1 - 2m | 14.95 | 51.93 | 0.45 | 6.38 | 728.68 | 0.47 | 43.42 |

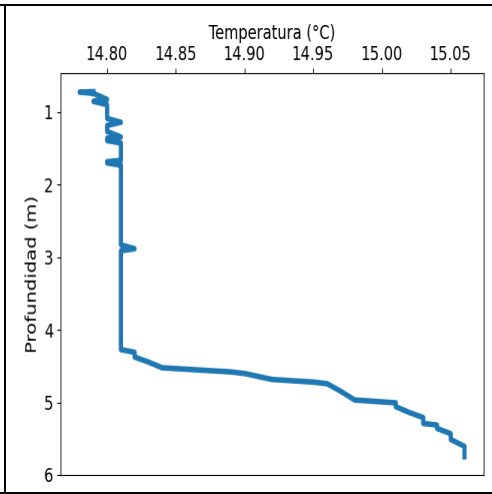
| OBSERVACIONES GENERALES |
|---|
| |

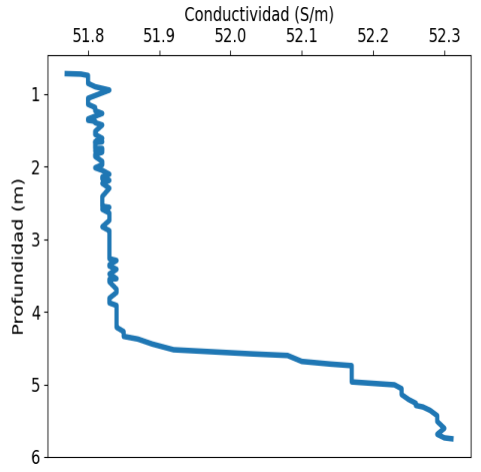
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.701 | 14.89 | 51.87 | 1.6 | 6.19 | 770.09 | 0.37 | 43.43 |
| 0.706 | 14.89 | 51.87 | 1.26 | 6.08 | 961.32 | 0.41 | 43.43 |
| 0.707 | 14.9 | 51.86 | 0.69 | 6.07 | 1761.5 | 0.35 | 43.42 |
| 0.709 | 14.9 | 51.87 | 0.53 | 6.05 | 1069.7 | 0.39 | 43.43 |
| 0.718 | 14.9 | 51.88 | 1.18 | 6.02 | 893.43 | 0.39 | 43.43 |
| 0.722 | 14.91 | 51.88 | 0.46 | 5.98 | 1129.9 | 0.37 | 43.43 |
| 0.726 | 14.91 | 51.86 | 1.11 | 5.98 | 692.21 | 0.37 | 43.41 |
| 0.738 | 14.92 | 51.87 | 0.0 | 5.99 | 1141.2 | 0.34 | 43.4 |
| 0.748 | 14.92 | 51.87 | 1.26 | 6.0 | 712.39 | 0.35 | 43.41 |
| 0.755 | 14.91 | 51.88 | 0.46 | 6.0 | 1362.9 | 0.34 | 43.42 |
| 0.764 | 14.92 | 51.87 | 1.34 | 5.98 | 910.79 | 0.4 | 43.41 |
| 0.767 | 14.92 | 51.89 | 2.1 | 6.0 | 982.5 | 0.4 | 43.42 |
| 0.781 | 14.92 | 51.89 | 1.45 | 6.02 | 1216.9 | 0.41 | 43.42 |
| 0.793 | 14.93 | 51.9 | 0.46 | 6.07 | 655.21 | 0.38 | 43.42 |
| 0.801 | 14.94 | 51.88 | 1.76 | 6.06 | 674.47 | 0.4 | 43.4 |
| 0.816 | 14.94 | 51.88 | 0.72 | 6.06 | 1497.4 | 0.38 | 43.39 |
| 0.826 | 14.94 | 51.88 | 1.49 | 6.06 | 665.62 | 0.44 | 43.39 |
| 0.831 | 14.94 | 51.88 | 1.18 | 6.07 | 818.11 | 0.46 | 43.39 |
| 0.833 | 14.95 | 51.88 | 2.1 | 6.01 | 881.91 | 0.46 | 43.39 |
| 0.834 | 14.94 | 51.89 | 1.76 | 5.99 | 691.89 | 0.43 | 43.4 |
| 0.844 | 14.94 | 51.9 | 0.92 | 5.96 | 899.88 | 0.44 | 43.41 |
| 0.881 | 14.95 | 51.89 | 1.68 | 5.94 | 693.01 | 0.46 | 43.39 |
| 0.903 | 14.95 | 51.89 | 1.64 | 5.93 | 667.78 | 0.5 | 43.39 |
| 0.923 | 14.95 | 51.9 | 0.92 | 5.93 | 1187.6 | 0.47 | 43.4 |
| 0.924 | 14.95 | 51.93 | 0.84 | 5.94 | 453.88 | 0.48 | 43.43 |
| 0.932 | 14.94 | 51.91 | 0.0 | 6.13 | 1359.1 | 0.47 | 43.43 |
| 0.935 | 14.94 | 51.9 | 1.03 | 6.22 | 794.38 | 0.46 | 43.42 |
| 0.947 | 14.94 | 51.9 | 0.8 | 6.32 | 793.09 | 0.43 | 43.41 |
| 0.954 | 14.94 | 51.9 | 0.65 | 6.48 | 498.2 | 0.45 | 43.41 |
| 0.961 | 14.94 | 51.92 | 1.3 | 6.52 | 1950.2 | 0.47 | 43.42 |
| 0.985 | 14.94 | 51.92 | 1.18 | 6.53 | 386.53 | 0.47 | 43.43 |
| 1.034 | 14.94 | 51.92 | 0.3 | 6.52 | 891.16 | 0.49 | 43.43 |
| 1.081 | 14.95 | 51.9 | 0.19 | 6.48 | 497.39 | 0.47 | 43.4 |
| 1.109 | 14.95 | 51.91 | 0.69 | 6.45 | 703.69 | 0.47 | 43.41 |
| 1.136 | 14.94 | 51.95 | 0.42 | 6.41 | 340.74 | 0.47 | 43.45 |
| 1.173 | 14.95 | 51.93 | 0.3 | 6.38 | 572.0 | 0.48 | 43.43 |
| 1.221 | 14.95 | 51.92 | 0.72 | 6.35 | 479.5 | 0.51 | 43.41 |
| 1.254 | 14.96 | 51.91 | 0.61 | 6.34 | 1474.6 | 0.46 | 43.4 |
| 1.27 | 14.96 | 51.93 | 0.5 | 6.33 | 632.53 | 0.47 | 43.42 |
| 1.288 | 14.96 | 51.96 | 0.34 | 6.32 | 562.53 | 0.5 | 43.45 |

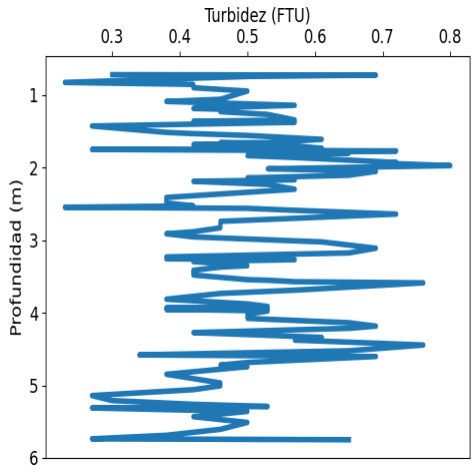
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.33 | 14.96 | 51.95 | 0.38 | 6.3 | 551.43 | 0.43 | 43.44 |
| 1.36 | 14.96 | 51.91 | 0.46 | 6.29 | 523.77 | 0.47 | 43.4 |
| 1.363 | 14.95 | 51.95 | 0.3 | 6.28 | 781.78 | 0.47 | 43.45 |
| 1.374 | 14.95 | 51.94 | 0.42 | 6.29 | 521.11 | 0.46 | 43.43 |
| 1.408 | 14.95 | 51.93 | 0.65 | 6.34 | 1192.8 | 0.46 | 43.43 |
| 1.466 | 14.96 | 51.94 | 0.57 | 6.42 | 1407.8 | 0.43 | 43.43 |
| 1.489 | 14.96 | 51.92 | 0.38 | 6.52 | 526.09 | 0.47 | 43.41 |

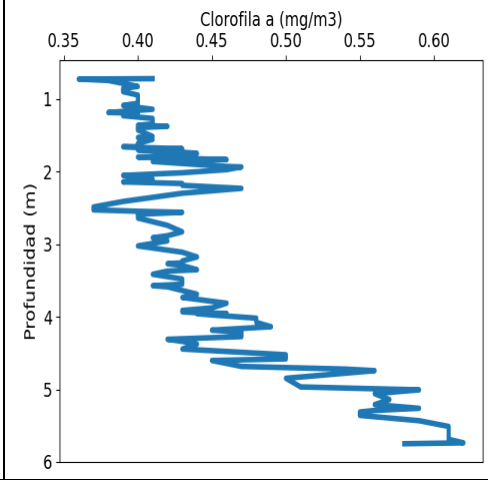
**Nombre: CTD N04 - Punto 015** **Fecha: 13/03/2024** **Hora: 11:03:53**

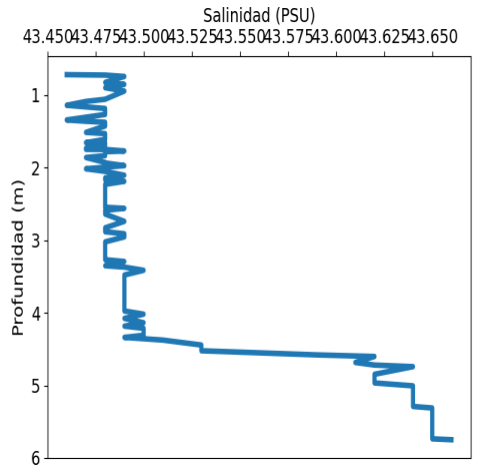


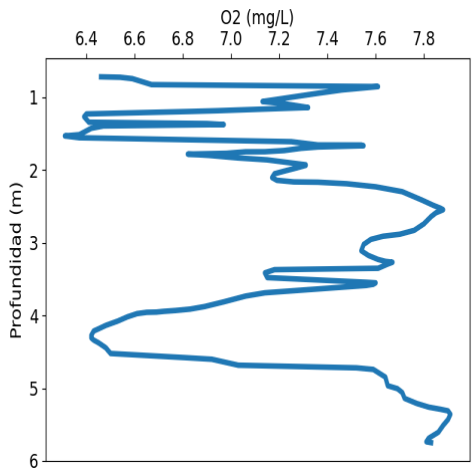



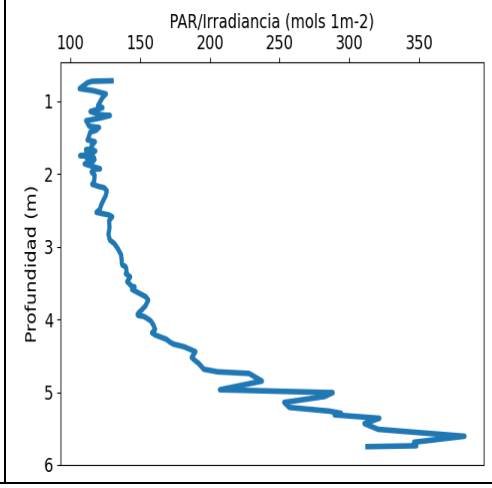



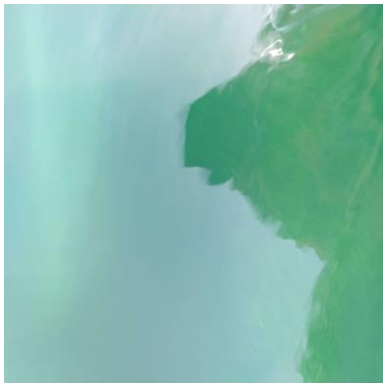



| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.78 | 51.77 | 0.23 | 6.31 | 106.52 | 0.36 | 43.46 |
| **PROF (metros)** | 0.728 | 0.722 | 0.829 | 1.534 | 0.829 | 0.728 | 0.722 |
| **MÁXIMO** | 15.06 | 15.06 | 0.8 | 7.91 | 382.61 | 0.62 | 43.66 |
| **PROF (metros)** | 5.606 | 5.749 | 1.975 | 5.359 | 5.606 | 5.737 | 5.749 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD N04 - Punto 015 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.79 | 51.8 | 0.44 | 6.96 | 118.29 | 0.39 | 43.48 |
| 1 - 2m | 14.81 | 51.81 | 0.52 | 6.97 | 115.95 | 0.41 | 43.48 |
| 2 - 3m | 14.81 | 51.82 | 0.49 | 7.6 | 123.47 | 0.41 | 43.48 |
| 3 - 4m | 14.81 | 51.83 | 0.5 | 7.24 | 144.72 | 0.43 | 43.49 |
| 4 - 5m | 14.87 | 51.96 | 0.55 | 6.8 | 184.68 | 0.48 | 43.55 |
| 5 - 6m | 15.04 | 52.27 | 0.42 | 7.82 | 306.63 | 0.58 | 43.65 |

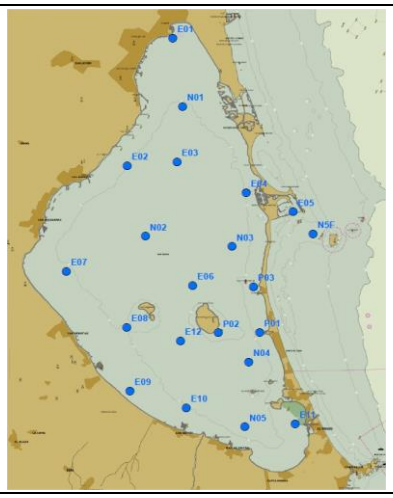
| OBSERVACIONES GENERALES |
|---|
| |

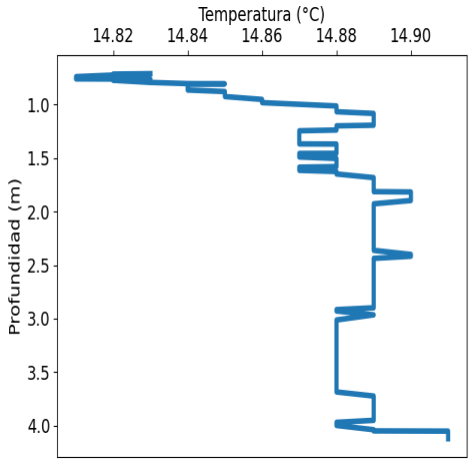
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.722 | 14.79 | 51.77 | 0.3 | 6.46 | 129.47 | 0.41 | 43.46 |
| 0.728 | 14.78 | 51.79 | 0.69 | 6.54 | 115.44 | 0.36 | 43.48 |
| 0.747 | 14.79 | 51.8 | 0.5 | 6.59 | 112.19 | 0.38 | 43.49 |
| 0.829 | 14.8 | 51.8 | 0.23 | 6.67 | 106.52 | 0.4 | 43.48 |
| 0.856 | 14.79 | 51.8 | 0.42 | 7.61 | 116.05 | 0.39 | 43.49 |
| 0.902 | 14.8 | 51.81 | 0.42 | 7.46 | 125.34 | 0.39 | 43.48 |
| 0.948 | 14.8 | 51.83 | 0.5 | 7.36 | 123.03 | 0.4 | 43.49 |
| 1.061 | 14.8 | 51.8 | 0.46 | 7.13 | 119.71 | 0.4 | 43.48 |
| 1.091 | 14.8 | 51.8 | 0.38 | 7.22 | 122.89 | 0.39 | 43.47 |
| 1.144 | 14.81 | 51.8 | 0.57 | 7.32 | 114.27 | 0.41 | 43.46 |
| 1.188 | 14.8 | 51.81 | 0.42 | 6.94 | 121.53 | 0.38 | 43.48 |
| 1.198 | 14.8 | 51.81 | 0.46 | 6.83 | 128.28 | 0.4 | 43.48 |
| 1.232 | 14.8 | 51.81 | 0.46 | 6.4 | 121.48 | 0.39 | 43.48 |
| 1.27 | 14.8 | 51.82 | 0.53 | 6.39 | 111.16 | 0.41 | 43.48 |
| 1.346 | 14.81 | 51.8 | 0.57 | 6.41 | 113.4 | 0.41 | 43.46 |
| 1.364 | 14.8 | 51.8 | 0.42 | 6.9 | 120.52 | 0.4 | 43.47 |
| 1.378 | 14.8 | 51.81 | 0.57 | 6.97 | 118.12 | 0.42 | 43.48 |
| 1.397 | 14.8 | 51.81 | 0.46 | 6.47 | 118.8 | 0.4 | 43.48 |
| 1.429 | 14.81 | 51.82 | 0.27 | 6.42 | 114.03 | 0.4 | 43.48 |
| 1.517 | 14.81 | 51.81 | 0.38 | 6.37 | 112.74 | 0.41 | 43.47 |
| 1.534 | 14.81 | 51.81 | 0.42 | 6.31 | 112.14 | 0.4 | 43.48 |
| 1.559 | 14.81 | 51.81 | 0.5 | 6.37 | 117.49 | 0.41 | 43.48 |
| 1.613 | 14.81 | 51.82 | 0.61 | 7.25 | 115.04 | 0.4 | 43.48 |
| 1.658 | 14.81 | 51.81 | 0.53 | 7.36 | 115.73 | 0.4 | 43.47 |
| 1.659 | 14.81 | 51.82 | 0.46 | 7.54 | 114.45 | 0.39 | 43.48 |
| 1.669 | 14.81 | 51.81 | 0.5 | 7.55 | 110.98 | 0.4 | 43.48 |
| 1.686 | 14.8 | 51.81 | 0.42 | 7.36 | 117.76 | 0.43 | 43.48 |
| 1.704 | 14.8 | 51.81 | 0.57 | 7.29 | 116.08 | 0.4 | 43.48 |
| 1.735 | 14.81 | 51.81 | 0.61 | 7.22 | 112.5 | 0.43 | 43.47 |
| 1.751 | 14.81 | 51.81 | 0.46 | 7.14 | 106.81 | 0.44 | 43.47 |
| 1.752 | 14.81 | 51.82 | 0.27 | 7.06 | 109.72 | 0.42 | 43.48 |
| 1.773 | 14.81 | 51.82 | 0.72 | 6.98 | 116.65 | 0.43 | 43.49 |
| 1.784 | 14.81 | 51.81 | 0.57 | 6.82 | 111.54 | 0.42 | 43.48 |
| 1.802 | 14.81 | 51.82 | 0.65 | 6.91 | 117.24 | 0.4 | 43.48 |
| 1.837 | 14.81 | 51.81 | 0.5 | 7.03 | 115.62 | 0.46 | 43.48 |
| 1.863 | 14.81 | 51.81 | 0.57 | 7.15 | 110.08 | 0.41 | 43.47 |

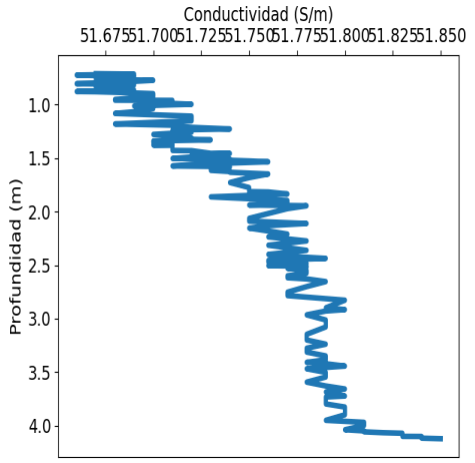
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.931 | 14.81 | 51.82 | 0.72 | 7.31 | 121.19 | 0.46 | 43.48 |
| 1.938 | 14.81 | 51.82 | 0.69 | 7.31 | 117.49 | 0.47 | 43.48 |
| 1.975 | 14.81 | 51.82 | 0.8 | 7.27 | 115.04 | 0.46 | 43.49 |
| 2.018 | 14.81 | 51.81 | 0.53 | 7.22 | 117.3 | 0.43 | 43.47 |
| 2.054 | 14.81 | 51.82 | 0.69 | 7.18 | 117.13 | 0.39 | 43.48 |
| 2.107 | 14.81 | 51.83 | 0.65 | 7.17 | 116.86 | 0.41 | 43.49 |
| 2.144 | 14.81 | 51.82 | 0.5 | 7.19 | 115.52 | 0.39 | 43.48 |
| 2.166 | 14.81 | 51.82 | 0.57 | 7.26 | 119.19 | 0.43 | 43.48 |
| 2.17 | 14.81 | 51.82 | 0.57 | 7.36 | 119.47 | 0.43 | 43.48 |
| 2.191 | 14.81 | 51.83 | 0.42 | 7.48 | 124.07 | 0.43 | 43.49 |
| 2.233 | 14.81 | 51.82 | 0.53 | 7.6 | 126.01 | 0.47 | 43.48 |
| 2.3 | 14.81 | 51.83 | 0.57 | 7.71 | 125.19 | 0.43 | 43.48 |
| 2.413 | 14.81 | 51.82 | 0.38 | 7.79 | 122.27 | 0.39 | 43.48 |
| 2.489 | 14.81 | 51.82 | 0.38 | 7.84 | 120.94 | 0.37 | 43.48 |
| 2.529 | 14.81 | 51.82 | 0.42 | 7.87 | 118.58 | 0.37 | 43.48 |
| 2.548 | 14.81 | 51.82 | 0.23 | 7.88 | 123.18 | 0.4 | 43.48 |
| 2.563 | 14.81 | 51.83 | 0.5 | 7.87 | 127.24 | 0.43 | 43.49 |
| 2.59 | 14.81 | 51.82 | 0.57 | 7.85 | 129.89 | 0.4 | 43.48 |
| 2.642 | 14.81 | 51.83 | 0.72 | 7.83 | 127.65 | 0.4 | 43.48 |
| 2.742 | 14.81 | 51.83 | 0.46 | 7.8 | 127.92 | 0.42 | 43.49 |
| 2.831 | 14.81 | 51.82 | 0.46 | 7.76 | 127.18 | 0.43 | 43.48 |
| 2.885 | 14.82 | 51.83 | 0.42 | 7.7 | 127.8 | 0.42 | 43.48 |
| 2.913 | 14.81 | 51.83 | 0.38 | 7.63 | 128.31 | 0.41 | 43.49 |
| 2.956 | 14.81 | 51.83 | 0.42 | 7.58 | 131.25 | 0.42 | 43.49 |
| 3.025 | 14.81 | 51.83 | 0.61 | 7.55 | 133.8 | 0.4 | 43.48 |
| 3.112 | 14.81 | 51.83 | 0.69 | 7.54 | 136.24 | 0.43 | 43.48 |
| 3.177 | 14.81 | 51.83 | 0.65 | 7.57 | 136.62 | 0.44 | 43.48 |
| 3.232 | 14.81 | 51.83 | 0.38 | 7.61 | 136.75 | 0.43 | 43.48 |
| 3.258 | 14.81 | 51.83 | 0.38 | 7.64 | 137.35 | 0.43 | 43.48 |
| 3.27 | 14.81 | 51.83 | 0.57 | 7.67 | 139.18 | 0.42 | 43.48 |
| 3.295 | 14.81 | 51.84 | 0.42 | 7.65 | 139.92 | 0.43 | 43.49 |
| 3.353 | 14.81 | 51.83 | 0.5 | 7.61 | 140.18 | 0.44 | 43.48 |
| 3.372 | 14.81 | 51.83 | 0.46 | 7.18 | 139.6 | 0.42 | 43.49 |
| 3.416 | 14.81 | 51.84 | 0.42 | 7.14 | 142.74 | 0.41 | 43.5 |
| 3.481 | 14.81 | 51.83 | 0.42 | 7.15 | 140.61 | 0.43 | 43.49 |
| 3.545 | 14.81 | 51.84 | 0.5 | 7.56 | 143.9 | 0.43 | 43.49 |
| 3.553 | 14.81 | 51.83 | 0.53 | 7.6 | 145.92 | 0.43 | 43.49 |
| 3.573 | 14.81 | 51.83 | 0.57 | 7.59 | 144.64 | 0.41 | 43.49 |
| 3.589 | 14.81 | 51.83 | 0.76 | 7.56 | 144.1 | 0.42 | 43.49 |
| 3.69 | 14.81 | 51.84 | 0.57 | 7.14 | 153.98 | 0.44 | 43.49 |
| 3.735 | 14.81 | 51.84 | 0.46 | 7.06 | 155.74 | 0.43 | 43.49 |
| 3.814 | 14.81 | 51.83 | 0.38 | 6.97 | 153.77 | 0.46 | 43.49 |
| 3.879 | 14.81 | 51.83 | 0.5 | 6.89 | 150.59 | 0.45 | 43.49 |
| 3.914 | 14.81 | 51.84 | 0.53 | 6.83 | 148.65 | 0.43 | 43.49 |
| 3.933 | 14.81 | 51.84 | 0.38 | 6.77 | 148.03 | 0.43 | 43.49 |
| 3.945 | 14.81 | 51.84 | 0.53 | 6.72 | 148.44 | 0.44 | 43.49 |
| 3.955 | 14.81 | 51.84 | 0.38 | 6.69 | 150.94 | 0.46 | 43.49 |
| 3.958 | 14.81 | 51.84 | 0.42 | 6.65 | 152.31 | 0.44 | 43.49 |
| 3.976 | 14.81 | 51.84 | 0.53 | 6.61 | 154.02 | 0.45 | 43.49 |
| 4.02 | 14.81 | 51.84 | 0.5 | 6.57 | 157.52 | 0.48 | 43.5 |
| 4.078 | 14.81 | 51.84 | 0.5 | 6.53 | 159.43 | 0.48 | 43.49 |
| 4.138 | 14.81 | 51.84 | 0.65 | 6.48 | 160.65 | 0.49 | 43.5 |
| 4.185 | 14.81 | 51.84 | 0.69 | 6.45 | 158.43 | 0.45 | 43.49 |
| 4.215 | 14.81 | 51.84 | 0.65 | 6.43 | 160.73 | 0.47 | 43.5 |
| 4.274 | 14.81 | 51.85 | 0.42 | 6.42 | 168.78 | 0.47 | 43.5 |
| 4.311 | 14.82 | 51.85 | 0.53 | 6.42 | 171.18 | 0.42 | 43.5 |
| 4.34 | 14.82 | 51.85 | 0.61 | 6.43 | 173.86 | 0.43 | 43.49 |
| 4.377 | 14.82 | 51.87 | 0.57 | 6.45 | 181.52 | 0.44 | 43.51 |

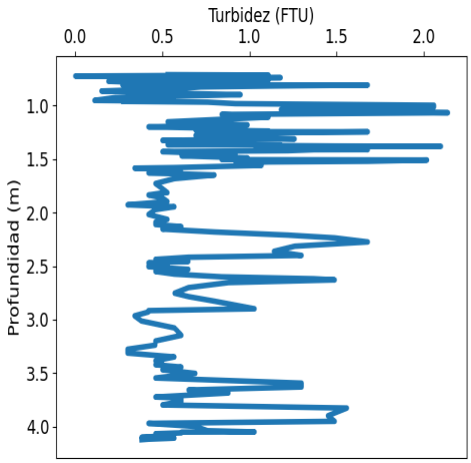
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4.445 | 14.83 | 51.89 | 0.76 | 6.48 | 189.61 | 0.43 | 43.53 |
| 4.524 | 14.84 | 51.92 | 0.65 | 6.5 | 186.9 | 0.5 | 43.53 |
| 4.581 | 14.89 | 52.03 | 0.34 | 6.81 | 190.27 | 0.5 | 43.59 |
| 4.603 | 14.9 | 52.08 | 0.69 | 6.92 | 191.86 | 0.45 | 43.62 |
| 4.685 | 14.92 | 52.1 | 0.5 | 7.03 | 195.54 | 0.47 | 43.61 |
| 4.721 | 14.95 | 52.14 | 0.46 | 7.52 | 205.53 | 0.54 | 43.62 |
| 4.743 | 14.96 | 52.17 | 0.5 | 7.59 | 228.02 | 0.56 | 43.64 |
| 4.848 | 14.97 | 52.17 | 0.38 | 7.64 | 237.3 | 0.5 | 43.62 |
| 4.967 | 14.98 | 52.17 | 0.46 | 7.65 | 207.11 | 0.51 | 43.62 |
| 5.007 | 15.01 | 52.23 | 0.46 | 7.69 | 288.1 | 0.59 | 43.64 |
| 5.06 | 15.01 | 52.24 | 0.42 | 7.71 | 282.22 | 0.56 | 43.64 |
| 5.141 | 15.02 | 52.24 | 0.27 | 7.72 | 253.27 | 0.57 | 43.64 |
| 5.21 | 15.03 | 52.25 | 0.3 | 7.77 | 256.99 | 0.56 | 43.64 |
| 5.261 | 15.03 | 52.26 | 0.42 | 7.82 | 285.71 | 0.59 | 43.64 |
| 5.291 | 15.03 | 52.26 | 0.53 | 7.87 | 294.11 | 0.56 | 43.64 |
| 5.312 | 15.04 | 52.27 | 0.27 | 7.9 | 289.37 | 0.55 | 43.65 |
| 5.359 | 15.04 | 52.28 | 0.5 | 7.91 | 321.56 | 0.55 | 43.65 |
| 5.432 | 15.05 | 52.29 | 0.42 | 7.9 | 310.79 | 0.59 | 43.65 |
| 5.511 | 15.05 | 52.29 | 0.5 | 7.88 | 320.66 | 0.61 | 43.65 |
| 5.606 | 15.06 | 52.3 | 0.46 | 7.86 | 382.61 | 0.61 | 43.65 |
| 5.688 | 15.06 | 52.29 | 0.38 | 7.82 | 346.39 | 0.61 | 43.65 |
| 5.737 | 15.06 | 52.3 | 0.27 | 7.81 | 348.08 | 0.62 | 43.65 |
| 5.749 | 15.06 | 52.31 | 0.65 | 7.83 | 312.95 | 0.58 | 43.66 |

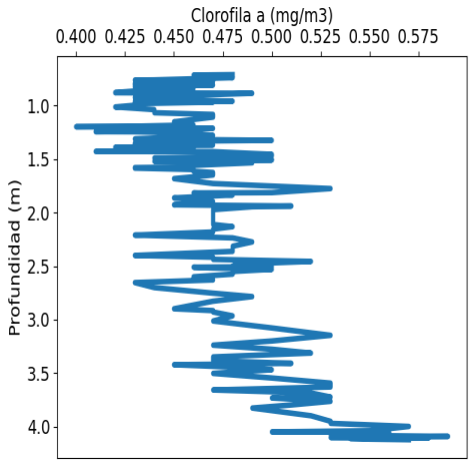
**Nombre: CTD E11 - Punto 016** **Fecha: 13/03/2024** **Hora: 11:03:32**

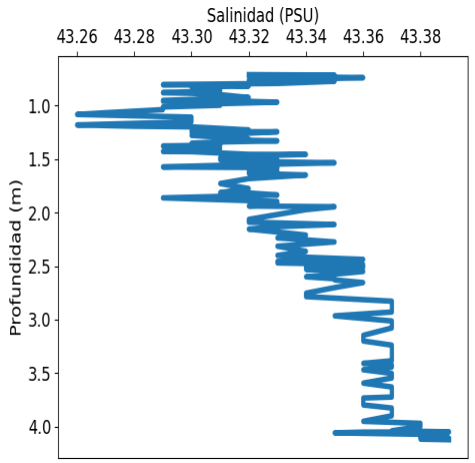


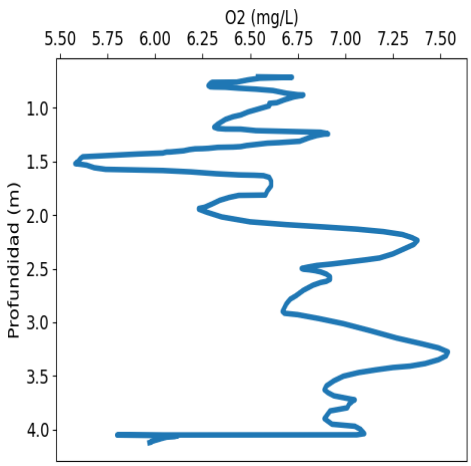



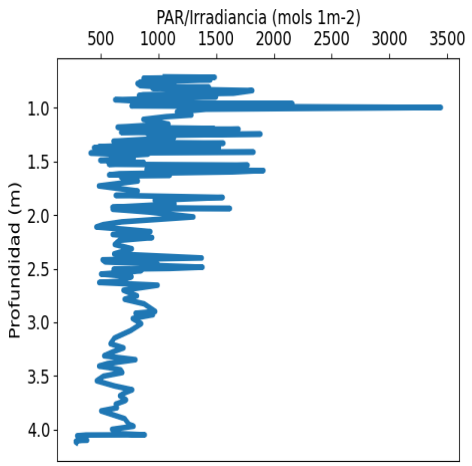




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.81 | 51.66 | 0.0 | 5.58 | 283.4 | 0.4 | 43.26 |
| **PROF (metros)** | 0.738 | 0.723 | 0.723 | 1.52 | 4.118 | 1.197 | 1.082 |
| **MÁXIMO** | 14.91 | 14.91 | 2.14 | 7.54 | 3445.9 | 0.59 | 43.39 |
| **PROF (metros)** | 4.052 | 4.123 | 1.066 | 3.277 | 0.996 | 4.092 | 4.05 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E11 - Punto 016 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.84 | 51.68 | 0.7 | 6.54 | 1244.1 | 0.45 | 43.32 |
| 1 - 2m | 14.88 | 51.72 | 0.88 | 6.27 | 964.14 | 0.46 | 43.31 |
| 2 - 3m | 14.89 | 51.77 | 0.74 | 6.91 | 792.92 | 0.47 | 43.35 |
| 3 - 4m | 14.88 | 51.79 | 0.69 | 7.13 | 650.35 | 0.5 | 43.37 |
| 4 - 5m | 14.91 | 51.83 | 0.56 | 6.16 | 391.05 | 0.55 | 43.38 |

| OBSERVACIONES GENERALES |
|---|
| |

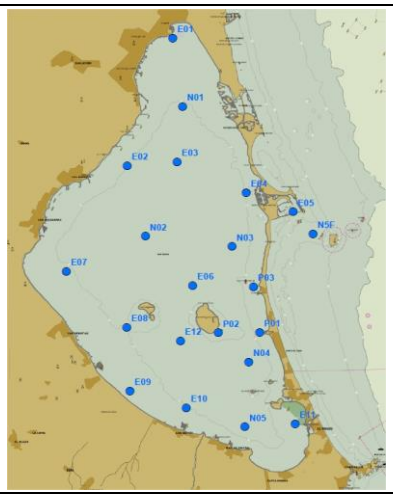
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.71 | 14.83 | 51.67 | 0.53 | 6.54 | 1054.2 | 0.48 | 43.32 |
| 0.714 | 14.82 | 51.69 | 1.11 | 6.72 | 1488.4 | 0.46 | 43.35 |
| 0.723 | 14.82 | 51.66 | 0.0 | 6.55 | 869.93 | 0.47 | 43.32 |
| 0.738 | 14.81 | 51.69 | 1.18 | 6.49 | 1450.6 | 0.48 | 43.36 |
| 0.759 | 14.81 | 51.67 | 0.46 | 6.43 | 837.88 | 0.44 | 43.33 |
| 0.761 | 14.83 | 51.67 | 1.11 | 6.3 | 1138.0 | 0.43 | 43.32 |
| 0.772 | 14.82 | 51.7 | 0.19 | 6.29 | 816.78 | 0.47 | 43.35 |
| 0.792 | 14.83 | 51.68 | 0.5 | 6.28 | 841.57 | 0.43 | 43.33 |
| 0.803 | 14.84 | 51.66 | 0.5 | 6.29 | 1001.1 | 0.43 | 43.29 |
| 0.805 | 14.85 | 51.66 | 0.27 | 6.31 | 1436.2 | 0.43 | 43.29 |
| 0.807 | 14.84 | 51.68 | 1.68 | 6.37 | 1055.7 | 0.47 | 43.31 |
| 0.816 | 14.84 | 51.69 | 1.14 | 6.44 | 947.17 | 0.44 | 43.32 |
| 0.825 | 14.84 | 51.67 | 0.72 | 6.53 | 1142.0 | 0.43 | 43.3 |
| 0.838 | 14.84 | 51.67 | 0.61 | 6.62 | 1813.3 | 0.46 | 43.31 |
| 0.863 | 14.84 | 51.69 | 0.15 | 6.69 | 1648.9 | 0.43 | 43.31 |
| 0.877 | 14.85 | 51.66 | 0.5 | 6.75 | 868.32 | 0.42 | 43.29 |
| 0.879 | 14.85 | 51.67 | 0.3 | 6.78 | 857.12 | 0.42 | 43.29 |
| 0.884 | 14.85 | 51.68 | 0.57 | 6.77 | 829.76 | 0.49 | 43.3 |
| 0.897 | 14.85 | 51.7 | 0.95 | 6.73 | 1499.1 | 0.47 | 43.31 |
| 0.924 | 14.85 | 51.7 | 0.23 | 6.68 | 623.94 | 0.43 | 43.32 |
| 0.951 | 14.86 | 51.68 | 0.11 | 6.64 | 1035.8 | 0.46 | 43.29 |
| 0.958 | 14.86 | 51.68 | 0.57 | 6.6 | 1479.4 | 0.48 | 43.29 |
| 0.96 | 14.86 | 51.71 | 0.27 | 6.6 | 2160.6 | 0.43 | 43.32 |
| 0.967 | 14.86 | 51.71 | 0.76 | 6.6 | 864.91 | 0.47 | 43.33 |
| 0.981 | 14.86 | 51.7 | 0.92 | 6.6 | 765.81 | 0.43 | 43.31 |
| 0.996 | 14.87 | 51.72 | 2.06 | 6.57 | 3445.9 | 0.43 | 43.31 |
| 1.012 | 14.88 | 51.69 | 2.06 | 6.54 | 1410.1 | 0.42 | 43.29 |
| 1.037 | 14.88 | 51.7 | 1.18 | 6.49 | 1158.2 | 0.44 | 43.29 |
| 1.066 | 14.88 | 51.69 | 2.14 | 6.45 | 1286.8 | 0.44 | 43.27 |
| 1.082 | 14.89 | 51.68 | 0.84 | 6.41 | 1067.0 | 0.47 | 43.26 |
| 1.107 | 14.89 | 51.72 | 1.11 | 6.37 | 867.72 | 0.47 | 43.3 |
| 1.151 | 14.89 | 51.72 | 0.53 | 6.33 | 1087.5 | 0.45 | 43.3 |
| 1.18 | 14.89 | 51.68 | 0.99 | 6.31 | 644.96 | 0.46 | 43.26 |
| 1.192 | 14.89 | 51.71 | 0.61 | 6.33 | 1479.4 | 0.43 | 43.28 |
| 1.197 | 14.88 | 51.71 | 0.42 | 6.37 | 776.72 | 0.4 | 43.3 |
| 1.198 | 14.88 | 51.71 | 0.42 | 6.45 | 1694.3 | 0.43 | 43.3 |
| 1.212 | 14.88 | 51.72 | 0.84 | 6.53 | 1190.9 | 0.47 | 43.31 |

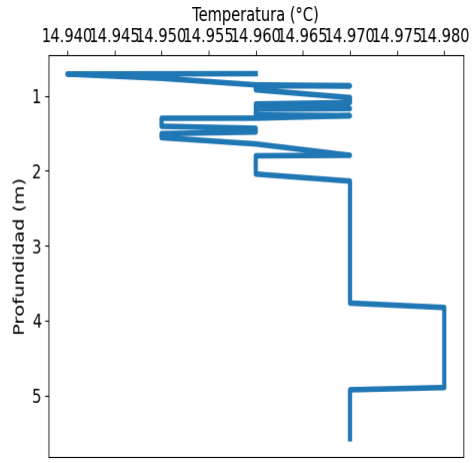
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.227 | 14.88 | 51.74 | 0.69 | 6.87 | 675.41 | 0.43 | 43.32 |
| 1.237 | 14.88 | 51.71 | 1.11 | 6.9 | 1400.4 | 0.43 | 43.3 |
| 1.243 | 14.87 | 51.71 | 0.84 | 6.91 | 905.94 | 0.41 | 43.3 |
| 1.244 | 14.87 | 51.72 | 1.68 | 6.89 | 1884.0 | 0.43 | 43.33 |
| 1.257 | 14.87 | 51.72 | 0.95 | 6.85 | 949.15 | 0.46 | 43.32 |
| 1.278 | 14.87 | 51.7 | 0.69 | 6.81 | 1135.1 | 0.47 | 43.3 |
| 1.311 | 14.87 | 51.72 | 1.26 | 6.76 | 609.08 | 0.43 | 43.32 |
| 1.324 | 14.87 | 51.72 | 0.5 | 6.65 | 998.8 | 0.5 | 43.32 |
| 1.329 | 14.87 | 51.73 | 0.61 | 6.59 | 1563.3 | 0.47 | 43.33 |
| 1.339 | 14.87 | 51.7 | 0.53 | 6.54 | 716.53 | 0.47 | 43.31 |
| 1.351 | 14.87 | 51.7 | 0.57 | 6.48 | 736.06 | 0.43 | 43.3 |
| 1.361 | 14.87 | 51.71 | 1.03 | 6.45 | 484.98 | 0.44 | 43.3 |
| 1.365 | 14.87 | 51.71 | 0.53 | 6.41 | 670.57 | 0.43 | 43.31 |
| 1.367 | 14.87 | 51.71 | 1.11 | 6.35 | 512.96 | 0.47 | 43.3 |
| 1.368 | 14.88 | 51.71 | 1.18 | 6.33 | 1524.7 | 0.46 | 43.31 |
| 1.372 | 14.88 | 51.71 | 1.03 | 6.31 | 440.4 | 0.44 | 43.3 |
| 1.377 | 14.88 | 51.7 | 1.49 | 6.28 | 832.07 | 0.43 | 43.29 |
| 1.38 | 14.88 | 51.71 | 2.1 | 6.25 | 1433.9 | 0.43 | 43.3 |
| 1.382 | 14.88 | 51.71 | 1.22 | 6.21 | 696.39 | 0.46 | 43.3 |
| 1.389 | 14.88 | 51.71 | 1.07 | 6.18 | 1249.7 | 0.42 | 43.3 |
| 1.4 | 14.88 | 51.71 | 1.53 | 6.15 | 1143.0 | 0.46 | 43.31 |
| 1.411 | 14.88 | 51.71 | 1.68 | 6.08 | 533.08 | 0.46 | 43.3 |
| 1.412 | 14.88 | 51.71 | 1.37 | 6.06 | 1823.9 | 0.43 | 43.3 |
| 1.421 | 14.88 | 51.71 | 1.22 | 6.04 | 411.2 | 0.44 | 43.3 |
| 1.428 | 14.88 | 51.71 | 0.57 | 5.94 | 563.44 | 0.41 | 43.29 |
| 1.43 | 14.88 | 51.72 | 0.5 | 5.91 | 912.05 | 0.47 | 43.3 |
| 1.455 | 14.88 | 51.73 | 0.92 | 5.63 | 588.27 | 0.5 | 43.32 |
| 1.456 | 14.87 | 51.74 | 0.88 | 5.62 | 665.46 | 0.49 | 43.34 |
| 1.469 | 14.87 | 51.72 | 0.61 | 5.61 | 786.5 | 0.5 | 43.32 |
| 1.489 | 14.87 | 51.72 | 0.99 | 5.6 | 495.09 | 0.44 | 43.31 |
| 1.503 | 14.88 | 51.71 | 0.84 | 5.6 | 785.77 | 0.5 | 43.31 |
| 1.505 | 14.88 | 51.72 | 0.99 | 5.59 | 564.49 | 0.47 | 43.31 |
| 1.508 | 14.88 | 51.74 | 2.02 | 5.59 | 873.57 | 0.5 | 43.33 |
| 1.52 | 14.88 | 51.74 | 1.68 | 5.58 | 660.39 | 0.44 | 43.32 |
| 1.526 | 14.88 | 51.75 | 1.11 | 5.61 | 570.41 | 0.49 | 43.33 |
| 1.534 | 14.88 | 51.76 | 0.92 | 5.64 | 1772.6 | 0.49 | 43.35 |
| 1.558 | 14.88 | 51.72 | 1.07 | 5.68 | 1046.9 | 0.46 | 43.31 |
| 1.573 | 14.88 | 51.71 | 0.72 | 5.74 | 895.51 | 0.46 | 43.29 |
| 1.579 | 14.88 | 51.74 | 0.57 | 5.92 | 1032.5 | 0.43 | 43.33 |
| 1.584 | 14.87 | 51.74 | 0.34 | 6.04 | 1909.9 | 0.43 | 43.33 |
| 1.597 | 14.87 | 51.73 | 0.57 | 6.19 | 1642.1 | 0.46 | 43.32 |
| 1.614 | 14.87 | 51.73 | 0.46 | 6.32 | 661.16 | 0.46 | 43.33 |
| 1.625 | 14.88 | 51.74 | 0.61 | 6.44 | 571.2 | 0.47 | 43.33 |
| 1.628 | 14.88 | 51.74 | 0.42 | 6.52 | 1099.4 | 0.47 | 43.32 |
| 1.632 | 14.88 | 51.74 | 0.5 | 6.57 | 844.7 | 0.47 | 43.32 |
| 1.648 | 14.88 | 51.76 | 0.8 | 6.6 | 675.72 | 0.47 | 43.34 |
| 1.682 | 14.89 | 51.75 | 0.57 | 6.61 | 822.86 | 0.45 | 43.32 |
| 1.728 | 14.89 | 51.74 | 0.46 | 6.61 | 483.3 | 0.47 | 43.31 |
| 1.775 | 14.89 | 51.75 | 0.5 | 6.59 | 821.72 | 0.53 | 43.32 |
| 1.813 | 14.89 | 51.75 | 0.53 | 6.58 | 750.01 | 0.5 | 43.31 |
| 1.816 | 14.9 | 51.76 | 0.5 | 6.44 | 628.73 | 0.46 | 43.32 |
| 1.835 | 14.9 | 51.77 | 0.42 | 6.39 | 1557.2 | 0.48 | 43.33 |
| 1.862 | 14.9 | 51.73 | 0.5 | 6.34 | 966.01 | 0.45 | 43.29 |
| 1.896 | 14.9 | 51.77 | 0.53 | 6.3 | 1139.9 | 0.47 | 43.33 |
| 1.927 | 14.89 | 51.77 | 0.3 | 6.26 | 600.25 | 0.45 | 43.33 |
| 1.938 | 14.89 | 51.75 | 0.46 | 6.23 | 1619.8 | 0.51 | 43.32 |
| 1.945 | 14.89 | 51.78 | 0.57 | 6.23 | 602.48 | 0.49 | 43.35 |
| 1.972 | 14.89 | 51.77 | 0.46 | 6.27 | 922.04 | 0.47 | 43.34 |

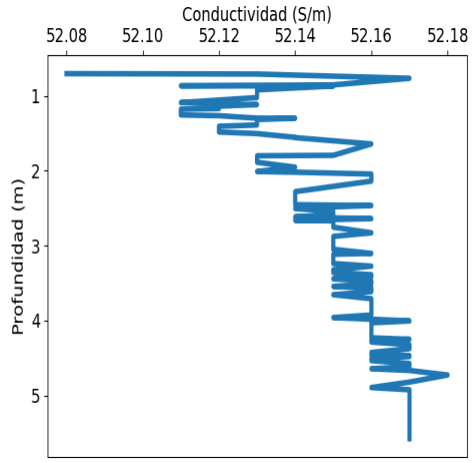
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2.017 | 14.89 | 51.76 | 0.42 | 6.35 | 1303.6 | 0.47 | 43.33 |
| 2.063 | 14.89 | 51.75 | 0.53 | 6.5 | 683.6 | 0.47 | 43.32 |
| 2.089 | 14.89 | 51.75 | 0.46 | 6.69 | 521.11 | 0.47 | 43.32 |
| 2.111 | 14.89 | 51.78 | 0.46 | 6.89 | 460.87 | 0.47 | 43.35 |
| 2.131 | 14.89 | 51.76 | 0.61 | 7.06 | 692.69 | 0.48 | 43.33 |
| 2.154 | 14.89 | 51.75 | 0.5 | 7.2 | 931.28 | 0.47 | 43.32 |
| 2.181 | 14.89 | 51.76 | 0.8 | 7.3 | 602.48 | 0.47 | 43.33 |
| 2.21 | 14.89 | 51.77 | 1.22 | 7.35 | 946.73 | 0.43 | 43.34 |
| 2.236 | 14.89 | 51.76 | 1.49 | 7.38 | 660.24 | 0.48 | 43.33 |
| 2.274 | 14.89 | 51.78 | 1.68 | 7.36 | 620.33 | 0.49 | 43.35 |
| 2.314 | 14.89 | 51.76 | 1.26 | 7.31 | 770.98 | 0.48 | 43.33 |
| 2.362 | 14.89 | 51.78 | 1.14 | 7.25 | 614.75 | 0.48 | 43.34 |
| 2.4 | 14.9 | 51.76 | 1.3 | 7.18 | 1375.6 | 0.43 | 43.33 |
| 2.417 | 14.9 | 51.77 | 0.65 | 7.11 | 515.11 | 0.47 | 43.34 |
| 2.437 | 14.89 | 51.79 | 0.46 | 7.02 | 538.92 | 0.47 | 43.36 |
| 2.456 | 14.89 | 51.76 | 0.65 | 6.93 | 993.49 | 0.52 | 43.33 |
| 2.47 | 14.89 | 51.76 | 0.42 | 6.85 | 969.83 | 0.5 | 43.33 |
| 2.486 | 14.89 | 51.78 | 0.53 | 6.8 | 1382.3 | 0.49 | 43.36 |
| 2.498 | 14.89 | 51.77 | 0.42 | 6.77 | 1098.4 | 0.48 | 43.35 |
| 2.505 | 14.89 | 51.76 | 0.42 | 6.78 | 610.35 | 0.5 | 43.34 |
| 2.51 | 14.89 | 51.78 | 0.46 | 6.81 | 738.45 | 0.46 | 43.36 |
| 2.518 | 14.89 | 51.78 | 0.53 | 6.84 | 851.97 | 0.47 | 43.35 |
| 2.53 | 14.89 | 51.77 | 0.65 | 6.87 | 755.24 | 0.5 | 43.34 |
| 2.55 | 14.89 | 51.78 | 0.46 | 6.9 | 501.56 | 0.48 | 43.36 |
| 2.575 | 14.89 | 51.78 | 0.57 | 6.92 | 768.3 | 0.48 | 43.35 |
| 2.6 | 14.89 | 51.77 | 0.84 | 6.92 | 697.04 | 0.46 | 43.34 |
| 2.618 | 14.89 | 51.77 | 1.37 | 6.9 | 657.95 | 0.46 | 43.35 |
| 2.629 | 14.89 | 51.78 | 1.49 | 6.87 | 485.54 | 0.47 | 43.35 |
| 2.654 | 14.89 | 51.79 | 0.88 | 6.83 | 993.95 | 0.43 | 43.36 |
| 2.701 | 14.89 | 51.78 | 0.65 | 6.78 | 695.59 | 0.44 | 43.35 |
| 2.753 | 14.89 | 51.77 | 0.57 | 6.74 | 815.27 | 0.47 | 43.34 |
| 2.785 | 14.89 | 51.77 | 0.65 | 6.71 | 705.49 | 0.49 | 43.34 |
| 2.828 | 14.89 | 51.8 | 0.8 | 6.69 | 875.8 | 0.47 | 43.37 |
| 2.899 | 14.89 | 51.79 | 1.03 | 6.67 | 972.98 | 0.45 | 43.37 |
| 2.916 | 14.88 | 51.8 | 0.42 | 6.68 | 800.11 | 0.47 | 43.37 |
| 2.929 | 14.88 | 51.79 | 0.42 | 6.75 | 954.22 | 0.47 | 43.37 |
| 2.965 | 14.89 | 51.78 | 0.34 | 6.86 | 775.82 | 0.48 | 43.35 |
| 3.013 | 14.88 | 51.79 | 0.38 | 6.99 | 851.78 | 0.47 | 43.37 |
| 3.078 | 14.88 | 51.79 | 0.57 | 7.13 | 757.87 | 0.5 | 43.37 |
| 3.147 | 14.88 | 51.78 | 0.61 | 7.27 | 618.47 | 0.53 | 43.36 |
| 3.2 | 14.88 | 51.78 | 0.46 | 7.4 | 583.51 | 0.5 | 43.36 |
| 3.239 | 14.88 | 51.79 | 0.46 | 7.49 | 698.82 | 0.47 | 43.37 |
| 3.277 | 14.88 | 51.78 | 0.3 | 7.54 | 602.76 | 0.5 | 43.37 |
| 3.313 | 14.88 | 51.78 | 0.3 | 7.53 | 528.65 | 0.52 | 43.37 |
| 3.349 | 14.88 | 51.79 | 0.57 | 7.49 | 801.78 | 0.47 | 43.37 |
| 3.385 | 14.88 | 51.79 | 0.46 | 7.42 | 560.58 | 0.47 | 43.37 |
| 3.409 | 14.88 | 51.78 | 0.5 | 7.34 | 484.64 | 0.51 | 43.36 |
| 3.422 | 14.88 | 51.79 | 0.46 | 7.25 | 567.64 | 0.45 | 43.37 |
| 3.444 | 14.88 | 51.8 | 0.61 | 7.16 | 673.06 | 0.48 | 43.37 |
| 3.469 | 14.88 | 51.78 | 0.5 | 7.07 | 688.37 | 0.5 | 43.36 |
| 3.503 | 14.88 | 51.79 | 0.69 | 6.99 | 523.65 | 0.47 | 43.37 |
| 3.546 | 14.88 | 51.79 | 0.46 | 6.94 | 464.84 | 0.5 | 43.37 |
| 3.594 | 14.88 | 51.78 | 1.3 | 6.9 | 619.18 | 0.53 | 43.36 |
| 3.63 | 14.88 | 51.79 | 1.3 | 6.89 | 774.02 | 0.53 | 43.37 |
| 3.658 | 14.88 | 51.8 | 0.65 | 6.91 | 708.93 | 0.47 | 43.37 |
| 3.686 | 14.88 | 51.79 | 0.88 | 6.94 | 665.31 | 0.52 | 43.37 |
| 3.724 | 14.89 | 51.8 | 0.46 | 7.05 | 720.69 | 0.53 | 43.37 |
| 3.733 | 14.89 | 51.79 | 0.61 | 7.04 | 708.6 | 0.5 | 43.36 |

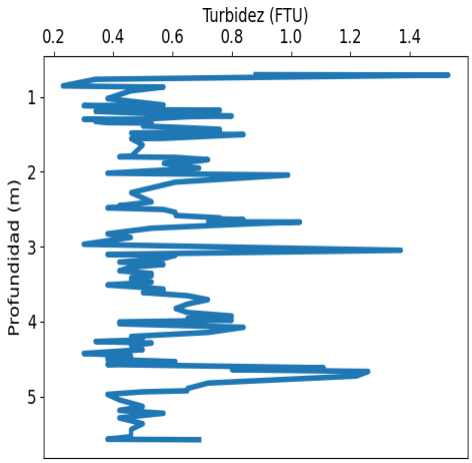
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3.764 | 14.89 | 51.79 | 0.61 | 7.02 | 628.87 | 0.53 | 43.36 |
| 3.798 | 14.89 | 51.79 | 0.5 | 7.01 | 641.53 | 0.51 | 43.36 |
| 3.827 | 14.89 | 51.8 | 1.56 | 6.92 | 502.72 | 0.49 | 43.37 |
| 3.899 | 14.89 | 51.8 | 1.45 | 6.89 | 707.45 | 0.52 | 43.37 |
| 3.951 | 14.89 | 51.79 | 1.49 | 6.93 | 743.6 | 0.53 | 43.36 |
| 3.97 | 14.88 | 51.81 | 0.42 | 7.05 | 785.77 | 0.53 | 43.38 |
| 3.999 | 14.88 | 51.81 | 0.69 | 7.08 | 596.64 | 0.57 | 43.38 |
| 4.039 | 14.89 | 51.8 | 0.76 | 7.1 | 653.39 | 0.55 | 43.37 |
| 4.05 | 14.89 | 51.81 | 1.03 | 7.06 | 882.73 | 0.5 | 43.39 |
| 4.052 | 14.91 | 51.81 | 0.61 | 5.8 | 372.63 | 0.53 | 43.36 |
| 4.059 | 14.91 | 51.81 | 0.61 | 6.12 | 294.79 | 0.56 | 43.35 |
| 4.067 | 14.91 | 51.82 | 0.46 | 6.1 | 320.81 | 0.53 | 43.37 |
| 4.072 | 14.91 | 51.83 | 0.57 | 6.06 | 347.6 | 0.53 | 43.38 |
| 4.086 | 14.91 | 51.83 | 0.53 | 6.03 | 353.69 | 0.56 | 43.38 |
| 4.092 | 14.91 | 51.83 | 0.46 | 6.02 | 372.37 | 0.59 | 43.38 |
| 4.101 | 14.91 | 51.83 | 0.38 | 6.0 | 383.85 | 0.56 | 43.38 |
| 4.102 | 14.91 | 51.84 | 0.46 | 6.0 | 336.89 | 0.53 | 43.38 |
| 4.108 | 14.91 | 51.84 | 0.57 | 5.99 | 285.11 | 0.58 | 43.39 |
| 4.111 | 14.91 | 51.84 | 0.53 | 5.98 | 297.19 | 0.54 | 43.38 |
| 4.118 | 14.91 | 51.84 | 0.42 | 5.98 | 283.4 | 0.55 | 43.38 |
| 4.123 | 14.91 | 51.85 | 0.38 | 5.97 | 290.31 | 0.57 | 43.39 |

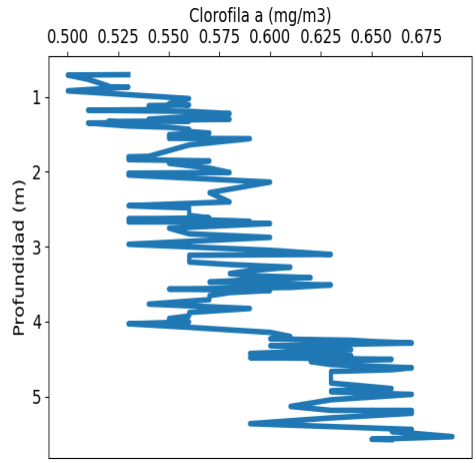
**Nombre: CTD N05 - Punto 017** **Fecha: 13/03/2024** **Hora: 11:03:25**

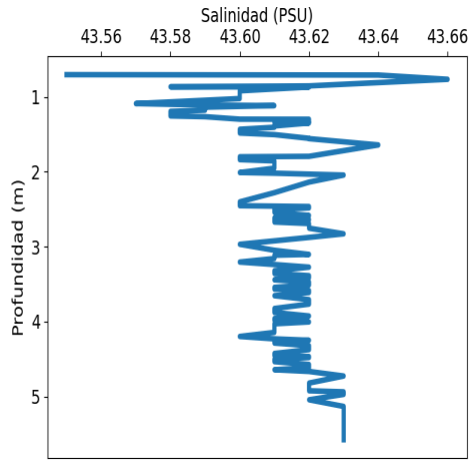


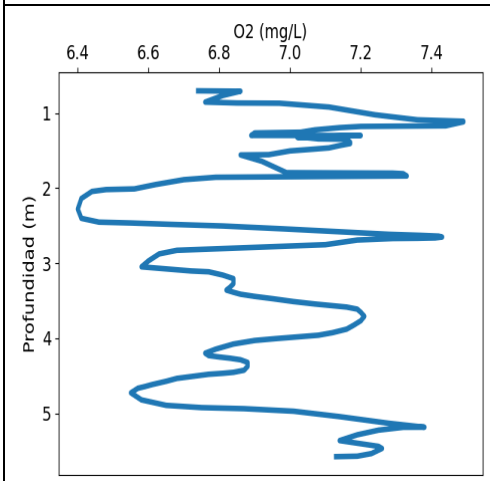



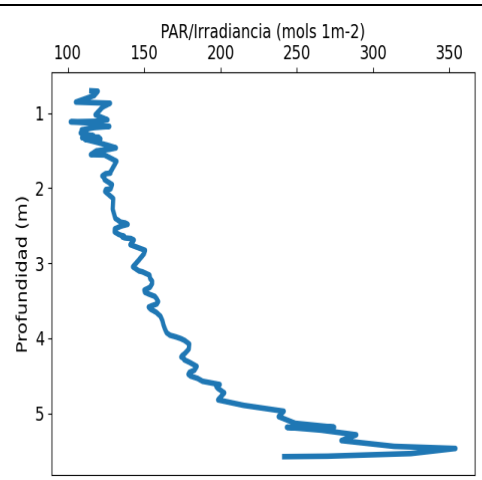




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.94 | 52.08 | 0.23 | 6.4 | 101.83 | 0.5 | 43.55 |
| **PROF (metros)** | 0.709 | 0.704 | 0.854 | 2.279 | 1.117 | 0.709 | 0.704 |
| **MÁXIMO** | 14.98 | 14.98 | 1.53 | 7.49 | 354.02 | 0.69 | 43.66 |
| **PROF (metros)** | 3.825 | 4.726 | 0.709 | 1.109 | 5.467 | 5.535 | 0.766 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD N05 - Punto 017 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.96 | 52.13 | 0.64 | 6.87 | 118.81 | 0.52 | 43.61 |
| 1 - 2m | 14.96 | 52.13 | 0.54 | 7.11 | 120.02 | 0.55 | 43.6 |
| 2 - 3m | 14.97 | 52.15 | 0.61 | 6.88 | 136.07 | 0.56 | 43.61 |
| 3 - 4m | 14.97 | 52.16 | 0.59 | 6.97 | 156.45 | 0.58 | 43.61 |
| 4 - 5m | 14.98 | 52.17 | 0.59 | 6.77 | 190.21 | 0.62 | 43.62 |
| 5 - 6m | 14.97 | 52.17 | 0.47 | 7.23 | 278.66 | 0.65 | 43.63 |

| 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 | 14.96 | 52.08 | 0.88 | 6.74 | 115.3 | 0.53 | 43.55 |
| 0.709 | 14.94 | 52.13 | 1.53 | 6.86 | 119.63 | 0.5 | 43.64 |
| 0.766 | 14.95 | 52.17 | 0.34 | 6.81 | 117.33 | 0.51 | 43.66 |
| 0.854 | 14.96 | 52.15 | 0.23 | 6.76 | 105.22 | 0.52 | 43.62 |
| 0.866 | 14.97 | 52.11 | 0.46 | 6.85 | 123.72 | 0.52 | 43.58 |
| 0.869 | 14.96 | 52.15 | 0.57 | 6.97 | 127.68 | 0.53 | 43.62 |
| 0.92 | 14.96 | 52.13 | 0.46 | 7.11 | 122.81 | 0.5 | 43.6 |
| 1.023 | 14.97 | 52.13 | 0.38 | 7.24 | 118.06 | 0.56 | 43.6 |
| 1.09 | 14.97 | 52.11 | 0.53 | 7.36 | 126.01 | 0.55 | 43.57 |
| 1.109 | 14.96 | 52.12 | 0.57 | 7.49 | 119.44 | 0.56 | 43.59 |
| 1.117 | 14.96 | 52.13 | 0.3 | 7.49 | 101.83 | 0.54 | 43.61 |
| 1.138 | 14.96 | 52.12 | 0.46 | 7.47 | 119.11 | 0.54 | 43.59 |
| 1.17 | 14.97 | 52.12 | 0.42 | 7.44 | 121.34 | 0.55 | 43.59 |
| 1.178 | 14.96 | 52.11 | 0.76 | 7.2 | 127.21 | 0.51 | 43.59 |
| 1.194 | 14.96 | 52.11 | 0.34 | 7.14 | 117.05 | 0.56 | 43.58 |
| 1.224 | 14.96 | 52.11 | 0.53 | 7.07 | 109.01 | 0.58 | 43.58 |
| 1.255 | 14.96 | 52.11 | 0.8 | 7.03 | 112.14 | 0.56 | 43.58 |
| 1.265 | 14.97 | 52.12 | 0.65 | 6.9 | 108.33 | 0.56 | 43.59 |
| 1.298 | 14.96 | 52.13 | 0.5 | 6.89 | 115.28 | 0.54 | 43.6 |
| 1.299 | 14.95 | 52.14 | 0.3 | 7.2 | 116.57 | 0.58 | 43.62 |
| 1.316 | 14.95 | 52.13 | 0.42 | 7.08 | 111.93 | 0.54 | 43.62 |
| 1.322 | 14.95 | 52.13 | 0.5 | 7.02 | 120.27 | 0.56 | 43.62 |
| 1.329 | 14.95 | 52.13 | 0.34 | 7.05 | 109.27 | 0.52 | 43.62 |
| 1.344 | 14.95 | 52.13 | 0.38 | 7.08 | 121.36 | 0.53 | 43.61 |
| 1.349 | 14.95 | 52.13 | 0.53 | 7.16 | 111.13 | 0.51 | 43.62 |
| 1.389 | 14.95 | 52.13 | 0.5 | 7.17 | 119.0 | 0.53 | 43.61 |
| 1.406 | 14.95 | 52.12 | 0.61 | 7.17 | 121.96 | 0.55 | 43.61 |
| 1.433 | 14.96 | 52.12 | 0.76 | 7.14 | 126.71 | 0.56 | 43.6 |
| 1.464 | 14.96 | 52.12 | 0.76 | 7.11 | 131.53 | 0.56 | 43.6 |
| 1.483 | 14.96 | 52.12 | 0.46 | 7.06 | 127.09 | 0.57 | 43.6 |
| 1.504 | 14.95 | 52.13 | 0.84 | 7.0 | 118.67 | 0.55 | 43.61 |
| 1.554 | 14.95 | 52.14 | 0.57 | 6.94 | 115.01 | 0.55 | 43.62 |
| 1.558 | 14.95 | 52.14 | 0.46 | 6.86 | 123.98 | 0.59 | 43.62 |
| 1.642 | 14.96 | 52.16 | 0.5 | 6.92 | 131.89 | 0.56 | 43.64 |
| 1.794 | 14.97 | 52.15 | 0.46 | 6.99 | 127.71 | 0.54 | 43.62 |
| 1.8 | 14.96 | 52.13 | 0.42 | 7.29 | 127.86 | 0.53 | 43.6 |

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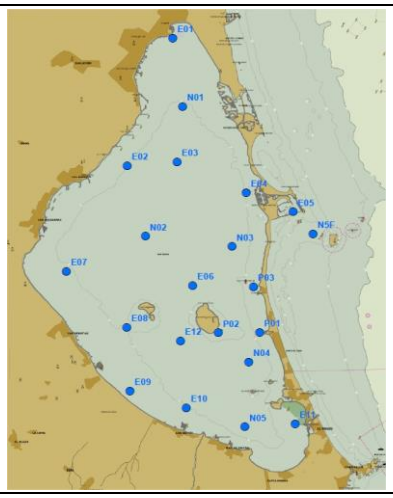
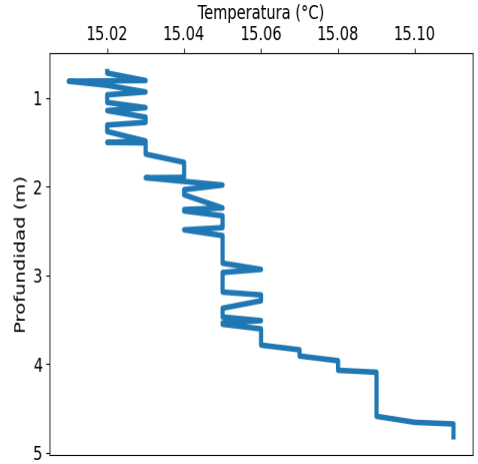
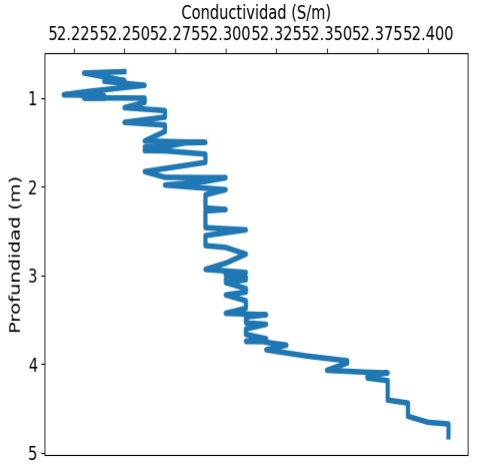
|---|---|---|---|---|---|---|---|
| 1.808 | 14.96 | 52.13 | 0.61 | 7.32 | 124.64 | 0.53 | 43.6 |
| 1.838 | 14.96 | 52.13 | 0.72 | 7.33 | 122.52 | 0.53 | 43.6 |
| 1.855 | 14.96 | 52.13 | 0.69 | 6.79 | 123.89 | 0.57 | 43.61 |
| 1.887 | 14.96 | 52.13 | 0.57 | 6.7 | 124.01 | 0.55 | 43.61 |
| 1.952 | 14.96 | 52.14 | 0.69 | 6.62 | 128.96 | 0.57 | 43.61 |
| 2.01 | 14.96 | 52.13 | 0.42 | 6.56 | 128.01 | 0.58 | 43.6 |
| 2.019 | 14.96 | 52.14 | 0.38 | 6.48 | 124.87 | 0.53 | 43.61 |
| 2.044 | 14.96 | 52.16 | 0.99 | 6.44 | 124.38 | 0.53 | 43.63 |
| 2.138 | 14.97 | 52.16 | 0.61 | 6.41 | 129.74 | 0.6 | 43.62 |
| 2.279 | 14.97 | 52.14 | 0.46 | 6.4 | 129.38 | 0.57 | 43.61 |
| 2.402 | 14.97 | 52.14 | 0.53 | 6.41 | 131.07 | 0.58 | 43.6 |
| 2.453 | 14.97 | 52.14 | 0.42 | 6.46 | 134.67 | 0.53 | 43.6 |
| 2.464 | 14.97 | 52.16 | 0.46 | 6.55 | 137.64 | 0.54 | 43.62 |
| 2.482 | 14.97 | 52.15 | 0.38 | 6.66 | 139.24 | 0.56 | 43.62 |
| 2.504 | 14.97 | 52.14 | 0.57 | 6.81 | 135.11 | 0.56 | 43.61 |
| 2.542 | 14.97 | 52.15 | 0.61 | 6.98 | 130.77 | 0.56 | 43.61 |
| 2.583 | 14.97 | 52.15 | 0.61 | 7.15 | 130.65 | 0.56 | 43.62 |
| 2.615 | 14.97 | 52.14 | 0.76 | 7.28 | 133.28 | 0.57 | 43.61 |
| 2.629 | 14.97 | 52.15 | 0.76 | 7.37 | 134.99 | 0.53 | 43.61 |
| 2.639 | 14.97 | 52.16 | 0.84 | 7.42 | 136.81 | 0.56 | 43.62 |
| 2.651 | 14.97 | 52.15 | 0.8 | 7.43 | 135.74 | 0.58 | 43.61 |
| 2.663 | 14.97 | 52.14 | 0.72 | 7.41 | 137.42 | 0.59 | 43.61 |
| 2.668 | 14.97 | 52.15 | 0.76 | 7.36 | 139.79 | 0.53 | 43.61 |
| 2.671 | 14.97 | 52.15 | 1.03 | 7.29 | 141.36 | 0.57 | 43.61 |
| 2.691 | 14.97 | 52.15 | 0.88 | 7.19 | 143.24 | 0.6 | 43.62 |
| 2.753 | 14.97 | 52.15 | 0.53 | 7.1 | 140.9 | 0.55 | 43.62 |
| 2.828 | 14.97 | 52.16 | 0.38 | 6.68 | 150.63 | 0.56 | 43.63 |
| 2.876 | 14.97 | 52.15 | 0.46 | 6.63 | 149.83 | 0.6 | 43.62 |
| 2.968 | 14.97 | 52.15 | 0.3 | 6.6 | 146.09 | 0.53 | 43.6 |
| 3.048 | 14.97 | 52.15 | 1.37 | 6.58 | 142.61 | 0.6 | 43.61 |
| 3.103 | 14.97 | 52.16 | 0.38 | 6.72 | 146.6 | 0.63 | 43.62 |
| 3.114 | 14.97 | 52.15 | 0.61 | 6.77 | 148.82 | 0.56 | 43.61 |
| 3.158 | 14.97 | 52.15 | 0.57 | 6.81 | 153.48 | 0.56 | 43.61 |
| 3.205 | 14.97 | 52.15 | 0.42 | 6.84 | 153.94 | 0.56 | 43.6 |
| 3.238 | 14.97 | 52.15 | 0.57 | 6.84 | 155.23 | 0.58 | 43.61 |
| 3.273 | 14.97 | 52.16 | 0.46 | 6.84 | 155.2 | 0.61 | 43.62 |
| 3.321 | 14.97 | 52.15 | 0.42 | 6.83 | 153.8 | 0.59 | 43.61 |
| 3.358 | 14.97 | 52.15 | 0.53 | 6.82 | 150.1 | 0.58 | 43.61 |
| 3.387 | 14.97 | 52.16 | 0.53 | 6.84 | 150.49 | 0.59 | 43.62 |
| 3.413 | 14.97 | 52.16 | 0.46 | 6.86 | 153.34 | 0.62 | 43.62 |
| 3.442 | 14.97 | 52.15 | 0.46 | 6.9 | 157.01 | 0.59 | 43.61 |
| 3.472 | 14.97 | 52.16 | 0.53 | 6.95 | 158.14 | 0.57 | 43.62 |
| 3.511 | 14.97 | 52.16 | 0.38 | 7.01 | 159.21 | 0.63 | 43.62 |
| 3.543 | 14.97 | 52.15 | 0.5 | 7.07 | 158.25 | 0.61 | 43.61 |
| 3.566 | 14.97 | 52.16 | 0.57 | 7.12 | 155.02 | 0.55 | 43.61 |
| 3.584 | 14.97 | 52.16 | 0.57 | 7.16 | 152.95 | 0.6 | 43.62 |
| 3.612 | 14.97 | 52.16 | 0.5 | 7.19 | 154.23 | 0.58 | 43.62 |
| 3.654 | 14.97 | 52.15 | 0.65 | 7.2 | 157.92 | 0.57 | 43.61 |
| 3.707 | 14.97 | 52.16 | 0.72 | 7.21 | 160.73 | 0.57 | 43.62 |
| 3.766 | 14.97 | 52.16 | 0.65 | 7.2 | 161.96 | 0.54 | 43.62 |
| 3.825 | 14.98 | 52.16 | 0.61 | 7.18 | 162.71 | 0.59 | 43.61 |
| 3.878 | 14.98 | 52.16 | 0.65 | 7.16 | 163.66 | 0.56 | 43.61 |
| 3.925 | 14.98 | 52.16 | 0.8 | 7.12 | 164.69 | 0.56 | 43.62 |
| 3.959 | 14.98 | 52.15 | 0.65 | 7.08 | 166.91 | 0.55 | 43.61 |
| 3.981 | 14.98 | 52.16 | 0.8 | 7.02 | 170.75 | 0.55 | 43.61 |
| 4.004 | 14.98 | 52.17 | 0.42 | 6.96 | 174.03 | 0.56 | 43.62 |
| 4.029 | 14.98 | 52.16 | 0.42 | 6.9 | 176.54 | 0.53 | 43.61 |
| 4.076 | 14.98 | 52.16 | 0.84 | 6.84 | 179.56 | 0.56 | 43.61 |

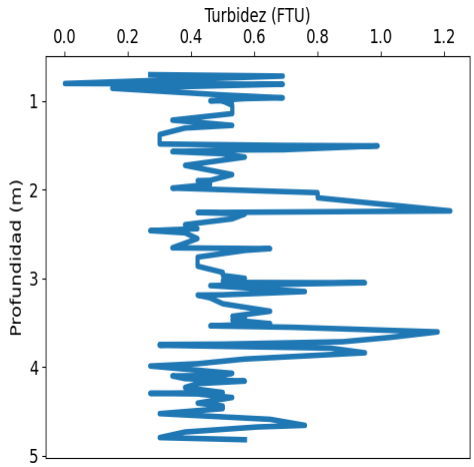
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4.144 | 14.98 | 52.16 | 0.72 | 6.79 | 179.22 | 0.6 | 43.61 |
| 4.198 | 14.98 | 52.16 | 0.46 | 6.76 | 176.87 | 0.61 | 43.6 |
| 4.23 | 14.98 | 52.16 | 0.5 | 6.77 | 174.96 | 0.6 | 43.61 |
| 4.249 | 14.98 | 52.17 | 0.46 | 6.8 | 174.27 | 0.64 | 43.62 |
| 4.265 | 14.98 | 52.16 | 0.34 | 6.83 | 175.93 | 0.65 | 43.61 |
| 4.286 | 14.98 | 52.16 | 0.53 | 6.86 | 176.26 | 0.67 | 43.61 |
| 4.321 | 14.98 | 52.17 | 0.46 | 6.88 | 179.81 | 0.6 | 43.62 |
| 4.374 | 14.98 | 52.17 | 0.5 | 6.88 | 184.45 | 0.64 | 43.62 |
| 4.425 | 14.98 | 52.16 | 0.3 | 6.87 | 182.96 | 0.59 | 43.61 |
| 4.453 | 14.98 | 52.16 | 0.46 | 6.84 | 179.68 | 0.64 | 43.61 |
| 4.466 | 14.98 | 52.17 | 0.38 | 6.81 | 180.31 | 0.64 | 43.62 |
| 4.479 | 14.98 | 52.17 | 0.46 | 6.77 | 178.97 | 0.59 | 43.62 |
| 4.503 | 14.98 | 52.16 | 0.38 | 6.73 | 180.43 | 0.66 | 43.61 |
| 4.534 | 14.98 | 52.16 | 0.61 | 6.68 | 185.01 | 0.62 | 43.61 |
| 4.572 | 14.98 | 52.17 | 0.38 | 6.65 | 188.25 | 0.63 | 43.62 |
| 4.616 | 14.98 | 52.17 | 1.11 | 6.61 | 199.57 | 0.67 | 43.62 |
| 4.642 | 14.98 | 52.16 | 0.8 | 6.59 | 197.27 | 0.66 | 43.61 |
| 4.665 | 14.98 | 52.17 | 1.26 | 6.57 | 198.19 | 0.63 | 43.62 |
| 4.726 | 14.98 | 52.18 | 1.22 | 6.55 | 202.51 | 0.63 | 43.63 |
| 4.82 | 14.98 | 52.17 | 0.72 | 6.58 | 198.42 | 0.63 | 43.62 |
| 4.893 | 14.98 | 52.16 | 0.65 | 6.65 | 215.24 | 0.66 | 43.62 |
| 4.923 | 14.97 | 52.17 | 0.65 | 6.75 | 225.4 | 0.63 | 43.62 |
| 4.937 | 14.97 | 52.17 | 0.5 | 6.87 | 230.09 | 0.63 | 43.63 |
| 4.971 | 14.97 | 52.17 | 0.38 | 7.01 | 241.51 | 0.67 | 43.63 |
| 5.043 | 14.97 | 52.17 | 0.42 | 7.14 | 238.12 | 0.63 | 43.62 |
| 5.132 | 14.97 | 52.17 | 0.5 | 7.28 | 249.02 | 0.61 | 43.63 |
| 5.184 | 14.97 | 52.17 | 0.42 | 7.38 | 274.54 | 0.63 | 43.63 |
| 5.185 | 14.97 | 52.17 | 0.42 | 7.32 | 243.48 | 0.67 | 43.63 |
| 5.223 | 14.97 | 52.17 | 0.57 | 7.25 | 265.96 | 0.67 | 43.63 |
| 5.285 | 14.97 | 52.17 | 0.42 | 7.19 | 289.04 | 0.63 | 43.63 |
| 5.362 | 14.97 | 52.17 | 0.5 | 7.14 | 279.23 | 0.59 | 43.63 |
| 5.439 | 14.97 | 52.17 | 0.46 | 7.25 | 313.83 | 0.67 | 43.63 |
| 5.467 | 14.97 | 52.17 | 0.46 | 7.26 | 354.02 | 0.66 | 43.63 |
| 5.535 | 14.97 | 52.17 | 0.46 | 7.23 | 324.78 | 0.69 | 43.63 |
| 5.57 | 14.97 | 52.17 | 0.38 | 7.19 | 270.12 | 0.65 | 43.63 |
| 5.576 | 14.97 | 52.17 | 0.69 | 7.13 | 241.74 | 0.66 | 43.63 |

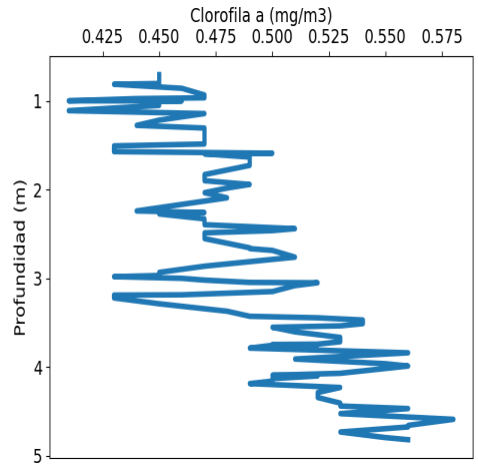
**Nombre: CTD E10 - Punto 018** **Fecha: 13/03/2024** **Hora: 11:03:29**

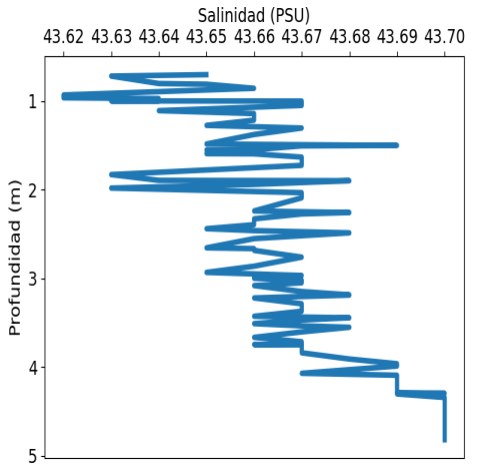


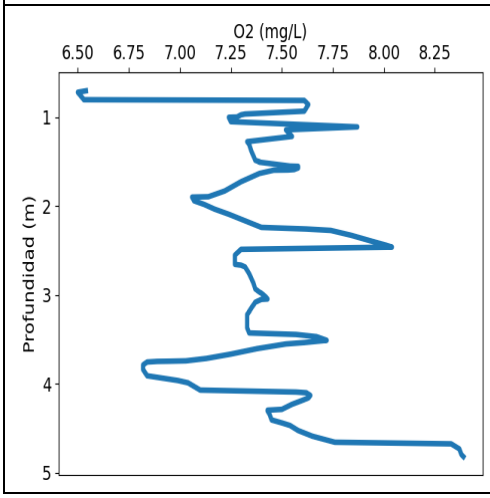



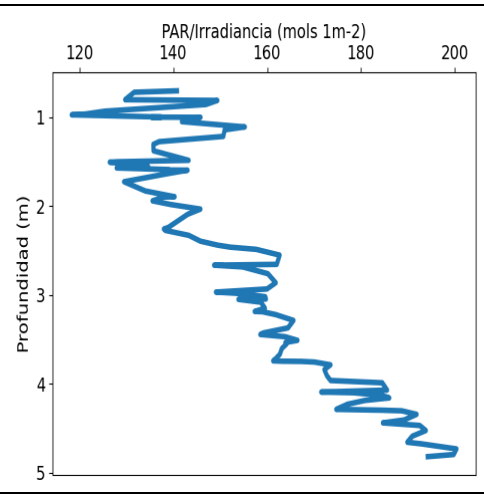




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 15.01 | 52.22 | 0.0 | 6.5 | 118.28 | 0.41 | 43.62 |
| **PROF (metros)** | 0.813 | 0.966 | 0.805 | 0.721 | 0.975 | 1.0 | 0.934 |
| **MÁXIMO** | 15.11 | 15.11 | 1.22 | 8.39 | 200.36 | 0.58 | 43.7 |
| **PROF (metros)** | 4.678 | 4.678 | 2.242 | 4.822 | 4.735 | 4.592 | 4.299 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E10 - Punto 018 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 15.02 | 52.24 | 0.51 | 7.22 | 133.36 | 0.45 | 43.64 |
| 1 - 2m | 15.03 | 52.27 | 0.49 | 7.37 | 138.13 | 0.46 | 43.66 |
| 2 - 3m | 15.05 | 52.3 | 0.53 | 7.49 | 150.75 | 0.47 | 43.66 |
| 3 - 4m | 15.06 | 52.32 | 0.6 | 7.26 | 164.06 | 0.5 | 43.67 |
| 4 - 5m | 15.09 | 52.39 | 0.47 | 7.69 | 187.23 | 0.53 | 43.69 |

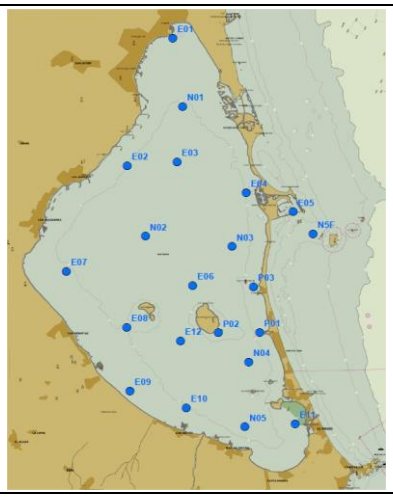
| OBSERVACIONES GENERALES |
|---|
| |

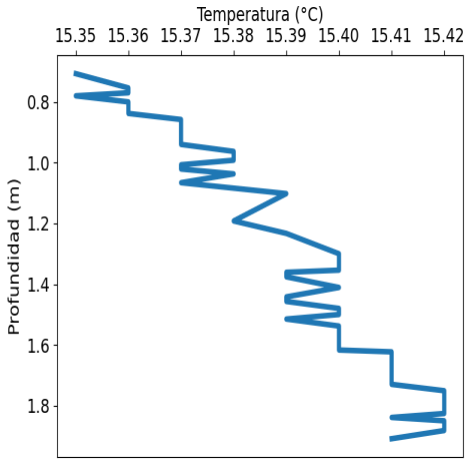
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.705 | 15.02 | 52.25 | 0.27 | 6.54 | 140.74 | 0.45 | 43.65 |
| 0.721 | 15.02 | 52.23 | 0.69 | 6.5 | 131.62 | 0.45 | 43.63 |
| 0.805 | 15.03 | 52.25 | 0.0 | 6.53 | 129.68 | 0.45 | 43.64 |
| 0.813 | 15.01 | 52.24 | 0.69 | 7.61 | 149.37 | 0.43 | 43.65 |
| 0.859 | 15.02 | 52.26 | 0.15 | 7.63 | 146.9 | 0.46 | 43.66 |
| 0.934 | 15.03 | 52.23 | 0.5 | 7.61 | 125.39 | 0.47 | 43.62 |
| 0.966 | 15.02 | 52.22 | 0.69 | 7.32 | 121.22 | 0.47 | 43.62 |
| 0.975 | 15.02 | 52.24 | 0.57 | 7.3 | 118.28 | 0.44 | 43.64 |
| 1.0 | 15.02 | 52.24 | 0.46 | 7.28 | 137.42 | 0.41 | 43.64 |
| 1.001 | 15.02 | 52.23 | 0.53 | 7.26 | 135.27 | 0.46 | 43.63 |
| 1.003 | 15.02 | 52.26 | 0.5 | 7.24 | 145.78 | 0.45 | 43.67 |
| 1.052 | 15.02 | 52.26 | 0.53 | 7.25 | 141.78 | 0.45 | 43.67 |
| 1.111 | 15.03 | 52.25 | 0.53 | 7.87 | 155.23 | 0.41 | 43.64 |
| 1.144 | 15.02 | 52.27 | 0.53 | 7.52 | 150.91 | 0.47 | 43.66 |
| 1.218 | 15.03 | 52.27 | 0.34 | 7.55 | 150.63 | 0.45 | 43.66 |
| 1.277 | 15.03 | 52.25 | 0.53 | 7.33 | 136.94 | 0.44 | 43.65 |
| 1.307 | 15.02 | 52.27 | 0.38 | 7.34 | 135.71 | 0.47 | 43.67 |
| 1.38 | 15.02 | 52.27 | 0.3 | 7.35 | 135.74 | 0.47 | 43.66 |
| 1.487 | 15.03 | 52.26 | 0.3 | 7.37 | 143.24 | 0.47 | 43.65 |
| 1.503 | 15.02 | 52.29 | 0.69 | 7.39 | 128.13 | 0.44 | 43.69 |
| 1.508 | 15.03 | 52.28 | 0.99 | 7.39 | 126.39 | 0.43 | 43.67 |
| 1.552 | 15.03 | 52.27 | 0.69 | 7.54 | 134.55 | 0.43 | 43.66 |
| 1.555 | 15.03 | 52.26 | 0.5 | 7.58 | 129.05 | 0.43 | 43.65 |
| 1.573 | 15.03 | 52.27 | 0.34 | 7.58 | 127.86 | 0.43 | 43.66 |
| 1.591 | 15.03 | 52.26 | 0.46 | 7.56 | 139.02 | 0.5 | 43.65 |
| 1.596 | 15.03 | 52.26 | 0.5 | 7.53 | 139.24 | 0.49 | 43.65 |
| 1.598 | 15.03 | 52.27 | 0.5 | 7.46 | 143.01 | 0.47 | 43.66 |
| 1.635 | 15.03 | 52.29 | 0.57 | 7.39 | 138.95 | 0.49 | 43.67 |
| 1.728 | 15.04 | 52.29 | 0.38 | 7.3 | 129.44 | 0.49 | 43.67 |
| 1.832 | 15.04 | 52.26 | 0.53 | 7.22 | 133.99 | 0.47 | 43.63 |
| 1.897 | 15.04 | 52.27 | 0.46 | 7.14 | 140.25 | 0.47 | 43.64 |
| 1.901 | 15.03 | 52.3 | 0.42 | 7.06 | 137.86 | 0.47 | 43.68 |
| 1.943 | 15.04 | 52.29 | 0.46 | 7.07 | 135.52 | 0.49 | 43.66 |
| 1.984 | 15.05 | 52.27 | 0.34 | 7.12 | 139.37 | 0.48 | 43.63 |
| 2.036 | 15.04 | 52.3 | 0.8 | 7.17 | 145.75 | 0.47 | 43.67 |
| 2.094 | 15.04 | 52.29 | 0.8 | 7.24 | 143.04 | 0.48 | 43.67 |
| 2.242 | 15.05 | 52.29 | 1.22 | 7.4 | 138.89 | 0.44 | 43.66 |

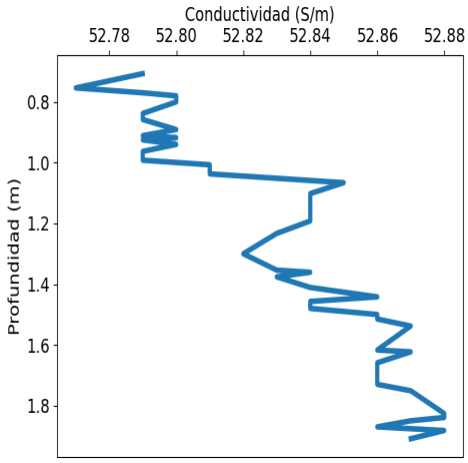
| 2.26 | 15.04 | 52.3 | 0.42 | 7.62 | 137.93 | 0.47 | 43.68 |
|---|---|---|---|---|---|---|---|
| 2.276 | 15.04 | 52.29 | 0.57 | 7.74 | 138.28 | 0.45 | 43.67 |
| 2.331 | 15.05 | 52.29 | 0.53 | 7.84 | 143.24 | 0.47 | 43.66 |
| 2.397 | 15.05 | 52.29 | 0.38 | 7.94 | 145.75 | 0.47 | 43.66 |
| 2.442 | 15.05 | 52.29 | 0.42 | 8.01 | 149.44 | 0.51 | 43.65 |
| 2.464 | 15.05 | 52.29 | 0.27 | 8.04 | 152.06 | 0.5 | 43.66 |
| 2.489 | 15.04 | 52.31 | 0.38 | 7.3 | 157.63 | 0.47 | 43.68 |
| 2.554 | 15.05 | 52.29 | 0.42 | 7.27 | 162.64 | 0.47 | 43.66 |
| 2.658 | 15.05 | 52.29 | 0.34 | 7.27 | 162.03 | 0.49 | 43.65 |
| 2.667 | 15.05 | 52.29 | 0.65 | 7.3 | 148.65 | 0.49 | 43.66 |
| 2.687 | 15.05 | 52.3 | 0.57 | 7.32 | 154.77 | 0.5 | 43.66 |
| 2.763 | 15.05 | 52.31 | 0.42 | 7.34 | 160.13 | 0.51 | 43.67 |
| 2.865 | 15.05 | 52.3 | 0.42 | 7.36 | 161.81 | 0.47 | 43.66 |
| 2.935 | 15.06 | 52.29 | 0.5 | 7.37 | 159.95 | 0.45 | 43.65 |
| 2.97 | 15.05 | 52.31 | 0.5 | 7.39 | 149.03 | 0.45 | 43.67 |
| 2.983 | 15.05 | 52.3 | 0.53 | 7.4 | 153.3 | 0.43 | 43.66 |
| 3.002 | 15.05 | 52.3 | 0.57 | 7.41 | 156.53 | 0.46 | 43.66 |
| 3.022 | 15.05 | 52.31 | 0.5 | 7.42 | 159.58 | 0.47 | 43.67 |
| 3.048 | 15.05 | 52.3 | 0.5 | 7.43 | 159.72 | 0.49 | 43.67 |
| 3.052 | 15.05 | 52.31 | 0.95 | 7.4 | 153.84 | 0.52 | 43.67 |
| 3.084 | 15.05 | 52.3 | 0.46 | 7.37 | 158.65 | 0.51 | 43.66 |
| 3.151 | 15.05 | 52.31 | 0.76 | 7.35 | 159.5 | 0.5 | 43.67 |
| 3.188 | 15.05 | 52.31 | 0.5 | 7.34 | 157.3 | 0.46 | 43.68 |
| 3.191 | 15.05 | 52.31 | 0.42 | 7.34 | 158.95 | 0.43 | 43.68 |
| 3.223 | 15.06 | 52.3 | 0.46 | 7.33 | 161.77 | 0.43 | 43.66 |
| 3.289 | 15.06 | 52.31 | 0.5 | 7.33 | 165.6 | 0.45 | 43.67 |
| 3.373 | 15.05 | 52.31 | 0.65 | 7.33 | 164.42 | 0.48 | 43.67 |
| 3.43 | 15.05 | 52.3 | 0.53 | 7.34 | 159.17 | 0.49 | 43.66 |
| 3.447 | 15.05 | 52.32 | 0.57 | 7.57 | 158.51 | 0.52 | 43.68 |
| 3.472 | 15.05 | 52.31 | 0.53 | 7.67 | 163.77 | 0.54 | 43.67 |
| 3.513 | 15.06 | 52.31 | 0.65 | 7.72 | 166.45 | 0.54 | 43.66 |
| 3.538 | 15.05 | 52.31 | 0.46 | 7.61 | 163.85 | 0.53 | 43.67 |
| 3.554 | 15.05 | 52.32 | 0.72 | 7.52 | 164.11 | 0.5 | 43.68 |
| 3.606 | 15.06 | 52.31 | 1.18 | 7.38 | 163.09 | 0.51 | 43.67 |
| 3.668 | 15.06 | 52.31 | 1.03 | 7.25 | 162.71 | 0.53 | 43.66 |
| 3.717 | 15.06 | 52.32 | 0.88 | 7.13 | 161.85 | 0.53 | 43.67 |
| 3.744 | 15.06 | 52.31 | 0.5 | 7.03 | 161.25 | 0.52 | 43.67 |
| 3.748 | 15.06 | 52.31 | 0.3 | 6.95 | 163.28 | 0.5 | 43.66 |
| 3.75 | 15.06 | 52.32 | 0.34 | 6.89 | 167.22 | 0.52 | 43.67 |
| 3.757 | 15.06 | 52.32 | 0.3 | 6.84 | 170.04 | 0.5 | 43.67 |
| 3.789 | 15.06 | 52.33 | 0.84 | 6.82 | 173.5 | 0.49 | 43.67 |
| 3.842 | 15.07 | 52.32 | 0.95 | 6.82 | 172.18 | 0.56 | 43.67 |
| 3.912 | 15.07 | 52.34 | 0.57 | 6.84 | 172.74 | 0.51 | 43.68 |
| 3.965 | 15.08 | 52.36 | 0.42 | 6.99 | 173.5 | 0.55 | 43.69 |
| 3.991 | 15.08 | 52.36 | 0.27 | 7.04 | 184.53 | 0.56 | 43.69 |
| 4.073 | 15.08 | 52.35 | 0.53 | 7.1 | 185.56 | 0.53 | 43.67 |
| 4.095 | 15.09 | 52.37 | 0.5 | 7.57 | 171.5 | 0.5 | 43.69 |
| 4.103 | 15.09 | 52.38 | 0.34 | 7.62 | 178.48 | 0.52 | 43.69 |
| 4.133 | 15.09 | 52.37 | 0.38 | 7.64 | 184.49 | 0.5 | 43.69 |
| 4.161 | 15.09 | 52.37 | 0.57 | 7.63 | 186.04 | 0.5 | 43.69 |
| 4.189 | 15.09 | 52.38 | 0.42 | 7.6 | 180.85 | 0.49 | 43.69 |
| 4.233 | 15.09 | 52.38 | 0.38 | 7.55 | 177.08 | 0.53 | 43.69 |
| 4.29 | 15.09 | 52.38 | 0.5 | 7.5 | 174.71 | 0.52 | 43.69 |
| 4.299 | 15.09 | 52.38 | 0.27 | 7.43 | 184.32 | 0.52 | 43.7 |
| 4.306 | 15.09 | 52.38 | 0.42 | 7.43 | 188.69 | 0.52 | 43.69 |
| 4.346 | 15.09 | 52.38 | 0.53 | 7.44 | 191.86 | 0.52 | 43.7 |
| 4.409 | 15.09 | 52.38 | 0.42 | 7.45 | 189.21 | 0.53 | 43.7 |
| 4.442 | 15.09 | 52.39 | 0.5 | 7.5 | 184.66 | 0.53 | 43.7 |

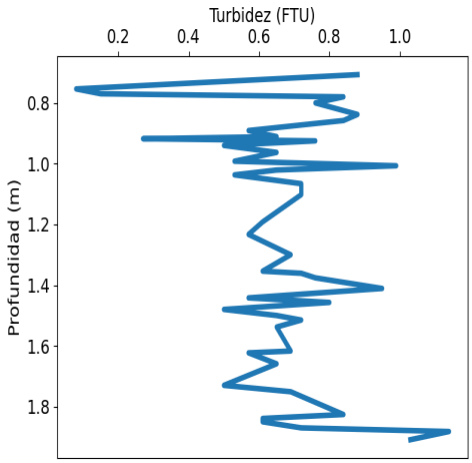
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4.471 | 15.09 | 52.39 | 0.5 | 7.54 | 192.53 | 0.56 | 43.7 |
| 4.528 | 15.09 | 52.39 | 0.3 | 7.58 | 193.83 | 0.53 | 43.7 |
| 4.592 | 15.09 | 52.39 | 0.65 | 7.65 | 190.93 | 0.58 | 43.7 |
| 4.66 | 15.1 | 52.4 | 0.76 | 7.76 | 189.87 | 0.56 | 43.7 |
| 4.678 | 15.11 | 52.41 | 0.61 | 8.33 | 192.89 | 0.56 | 43.7 |
| 4.735 | 15.11 | 52.41 | 0.38 | 8.37 | 200.36 | 0.53 | 43.7 |
| 4.798 | 15.11 | 52.41 | 0.3 | 8.38 | 199.76 | 0.55 | 43.7 |
| 4.822 | 15.11 | 52.41 | 0.57 | 8.39 | 194.23 | 0.56 | 43.7 |

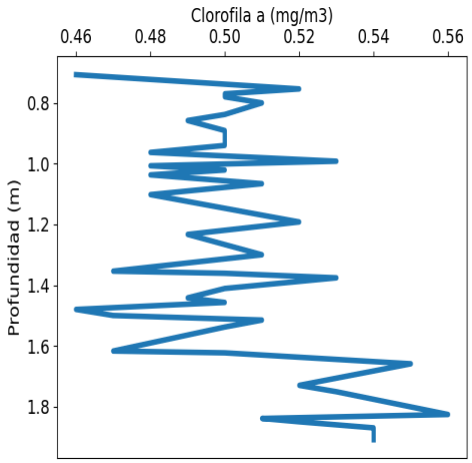
**Nombre: CTD E09 - Punto 019** **Fecha: 13/03/2024** **Hora: 11:03:59**

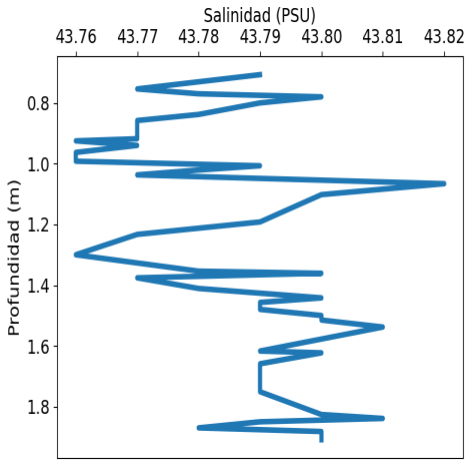


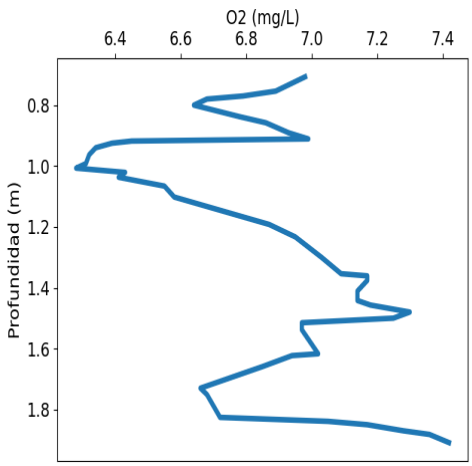



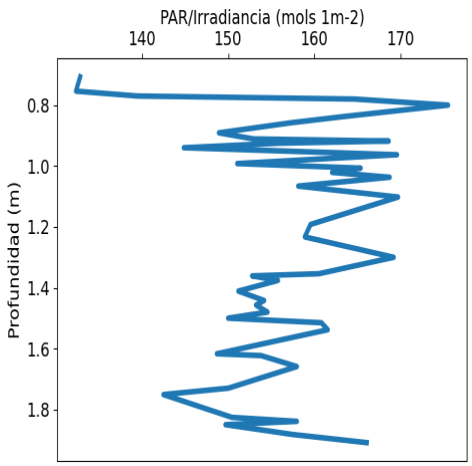




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 15.35 | 52.77 | 0.08 | 6.28 | 132.29 | 0.46 | 43.76 |
| **PROF (metros)** | 0.707 | 0.754 | 0.754 | 1.007 | 0.754 | 0.707 | 0.925 |
| **MÁXIMO** | 15.42 | 15.42 | 1.14 | 7.42 | 175.52 | 0.56 | 43.82 |
| **PROF (metros)** | 1.751 | 1.826 | 1.882 | 1.909 | 0.8 | 1.826 | 1.066 |

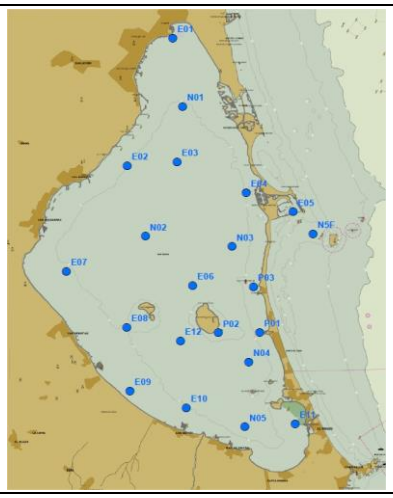
| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E09 - Punto 019 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 15.37 | 52.79 | 0.6 | 6.67 | 154.07 | 0.5 | 43.77 |
| 1 - 2m | 15.4 | 52.85 | 0.71 | 6.95 | 157.06 | 0.51 | 43.79 |

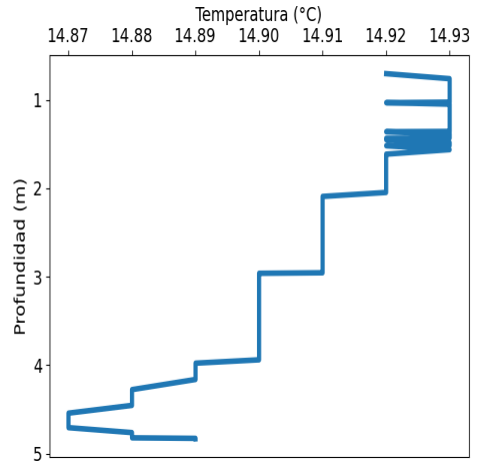
| OBSERVACIONES GENERALES |
|---|
| |

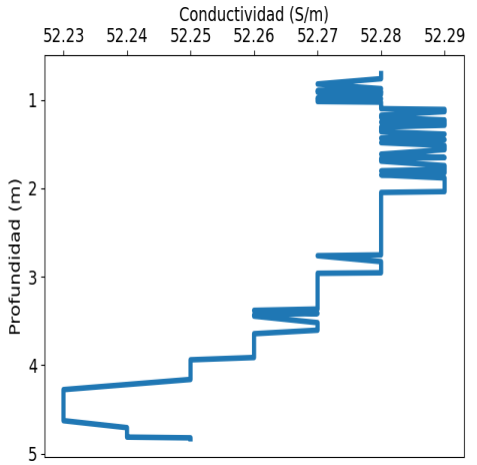
| DATOS DETALLADOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| Profundidad (m) | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0.707 | 15.35 | 52.79 | 0.88 | 6.98 | 132.78 | 0.46 | 43.79 |
| 0.754 | 15.36 | 52.77 | 0.08 | 6.89 | 132.29 | 0.52 | 43.77 |
| 0.77 | 15.36 | 52.79 | 0.15 | 6.79 | 139.41 | 0.5 | 43.78 |
| 0.78 | 15.35 | 52.8 | 0.84 | 6.68 | 164.65 | 0.5 | 43.8 |
| 0.8 | 15.36 | 52.8 | 0.76 | 6.64 | 175.52 | 0.51 | 43.79 |
| 0.838 | 15.36 | 52.79 | 0.88 | 6.78 | 163.24 | 0.5 | 43.78 |
| 0.858 | 15.37 | 52.79 | 0.84 | 6.86 | 157.26 | 0.49 | 43.77 |
| 0.891 | 15.37 | 52.8 | 0.57 | 6.93 | 148.89 | 0.5 | 43.77 |
| 0.911 | 15.37 | 52.79 | 0.65 | 6.99 | 152.91 | 0.5 | 43.77 |
| 0.918 | 15.37 | 52.8 | 0.27 | 6.45 | 168.63 | 0.5 | 43.77 |
| 0.925 | 15.37 | 52.79 | 0.76 | 6.39 | 155.92 | 0.5 | 43.76 |
| 0.94 | 15.37 | 52.8 | 0.5 | 6.34 | 144.81 | 0.5 | 43.77 |
| 0.963 | 15.38 | 52.79 | 0.65 | 6.32 | 169.6 | 0.48 | 43.76 |
| 0.992 | 15.38 | 52.79 | 0.53 | 6.31 | 151.01 | 0.53 | 43.76 |
| 1.007 | 15.37 | 52.81 | 0.99 | 6.28 | 165.37 | 0.48 | 43.79 |
| 1.021 | 15.37 | 52.81 | 0.65 | 6.43 | 162.03 | 0.5 | 43.78 |
| 1.037 | 15.38 | 52.81 | 0.53 | 6.41 | 168.74 | 0.48 | 43.77 |
| 1.066 | 15.37 | 52.85 | 0.72 | 6.55 | 158.1 | 0.51 | 43.82 |
| 1.102 | 15.39 | 52.84 | 0.72 | 6.58 | 169.72 | 0.48 | 43.8 |
| 1.192 | 15.38 | 52.84 | 0.61 | 6.87 | 159.54 | 0.52 | 43.79 |
| 1.233 | 15.39 | 52.83 | 0.57 | 6.95 | 158.87 | 0.49 | 43.77 |
| 1.3 | 15.4 | 52.82 | 0.69 | 7.03 | 169.21 | 0.51 | 43.76 |
| 1.354 | 15.4 | 52.83 | 0.61 | 7.09 | 160.5 | 0.47 | 43.78 |
| 1.361 | 15.39 | 52.84 | 0.72 | 7.17 | 152.74 | 0.5 | 43.8 |
| 1.376 | 15.39 | 52.83 | 0.76 | 7.17 | 155.77 | 0.53 | 43.77 |
| 1.411 | 15.4 | 52.84 | 0.95 | 7.14 | 151.15 | 0.5 | 43.78 |
| 1.442 | 15.39 | 52.86 | 0.57 | 7.14 | 154.16 | 0.49 | 43.8 |
| 1.457 | 15.39 | 52.84 | 0.8 | 7.18 | 153.2 | 0.5 | 43.79 |
| 1.48 | 15.4 | 52.84 | 0.5 | 7.3 | 154.55 | 0.46 | 43.79 |
| 1.5 | 15.4 | 52.86 | 0.65 | 7.25 | 149.96 | 0.47 | 43.8 |
| 1.515 | 15.39 | 52.86 | 0.72 | 6.97 | 160.8 | 0.51 | 43.8 |
| 1.538 | 15.4 | 52.87 | 0.65 | 6.97 | 161.55 | 0.5 | 43.81 |
| 1.617 | 15.4 | 52.86 | 0.69 | 7.02 | 148.65 | 0.47 | 43.79 |
| 1.623 | 15.41 | 52.87 | 0.57 | 6.94 | 153.8 | 0.5 | 43.8 |
| 1.659 | 15.41 | 52.86 | 0.65 | 6.85 | 157.96 | 0.55 | 43.79 |
| 1.73 | 15.41 | 52.86 | 0.5 | 6.66 | 150.0 | 0.52 | 43.79 |
| 1.751 | 15.42 | 52.87 | 0.69 | 6.68 | 142.44 | 0.53 | 43.79 |
| 1.826 | 15.42 | 52.88 | 0.84 | 6.72 | 150.42 | 0.56 | 43.8 |
| 1.839 | 15.41 | 52.88 | 0.61 | 7.05 | 157.96 | 0.51 | 43.81 |
| 1.85 | 15.42 | 52.87 | 0.61 | 7.17 | 149.65 | 0.52 | 43.79 |

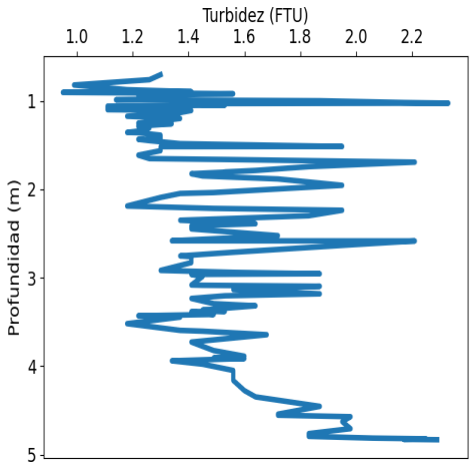
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1.87 | 15.42 | 52.86 | 0.72 | 7.28 | 154.52 | 0.54 | 43.78 |
| 1.882 | 15.42 | 52.88 | 1.14 | 7.36 | 157.41 | 0.54 | 43.8 |
| 1.909 | 15.41 | 52.87 | 1.03 | 7.42 | 166.07 | 0.54 | 43.8 |

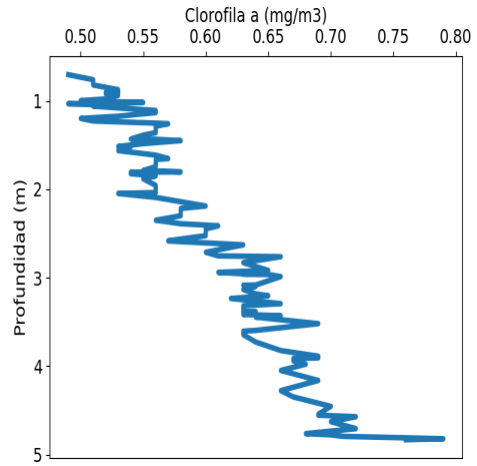
**Nombre: CTD E08 - Punto 020** **Fecha: 13/03/2024** **Hora: 11:03:44**

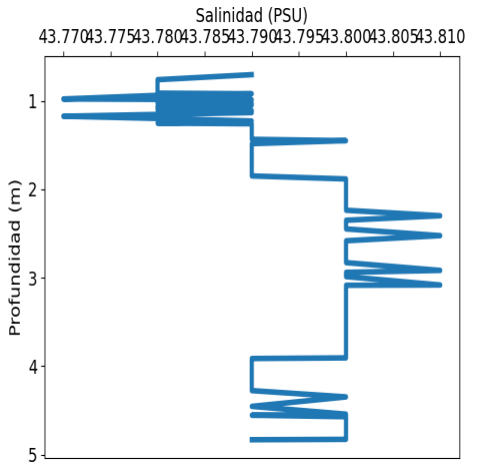


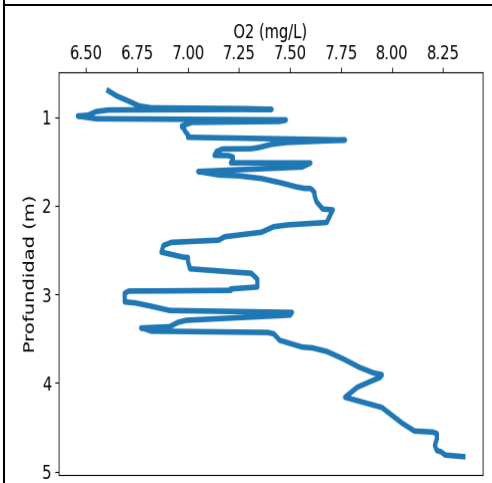



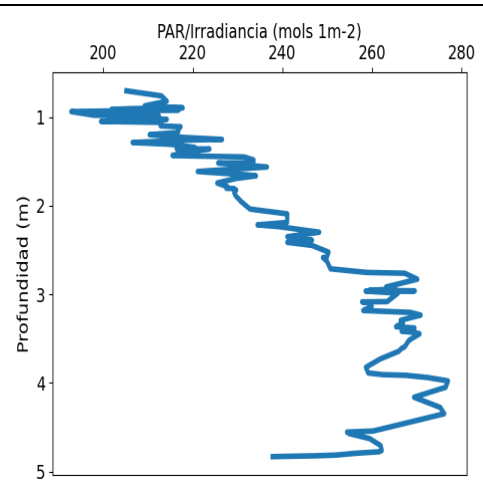




| VALORACIÓN PRELIMINAR DE DATOS: NIVELES MÍNIMOS Y MÁXIMOS PARA CADA VARIABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/l) | PAR/Irradiancia (mols-1m-2) | Clorofila ($mg/m^3$) | Salinidad (PSU) |
| **MÍNIMO** | 14.87 | 52.23 | 0.95 | 6.46 | 192.84 | 0.49 | 43.77 |
| **PROF (metros)** | 4.543 | 4.277 | 0.906 | 0.989 | 0.939 | 0.705 | 0.98 |
| **MÁXIMO** | 14.93 | 14.93 | 2.33 | 8.35 | 277.03 | 0.79 | 43.81 |
| **PROF (metros)** | 0.762 | 1.11 | 1.027 | 4.832 | 3.978 | 4.822 | 2.3 |

| DATOS MEDIOS PARA CADA VARIABLE EN TODA LA COLUMNA DE AGUA | | | | | | | |
|---|---|---|---|---|---|---|---|
| CTD E08 - Punto 020 | Temp. (°C) | Conductividad (S/m) | Turbidez (FTU) | Oxígeno (mg/L) | PAR/Irradiancia (mols-1m-2) | Clorofila (mg/m3) | Salinidad (PSU) |
| 0 - 1m | 14.93 | 52.28 | 1.24 | 6.76 | 207.98 | 0.52 | 43.78 |
| 1 - 2m | 14.93 | 52.28 | 1.46 | 7.28 | 221.07 | 0.55 | 43.79 |
| 2 - 3m | 14.91 | 52.28 | 1.54 | 7.2 | 251.01 | 0.6 | 43.8 |
| 3 - 4m | 14.9 | 52.26 | 1.49 | 7.32 | 265.8 | 0.65 | 43.8 |
| 4 - 5m | 14.88 | 52.24 | 1.87 | 8.15 | 259.75 | 0.71 | 43.8 |

| 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 | 14.92 | 52.28 | 1.3 | 6.61 | 205.15 | 0.49 | 43.79 |
| 0.762 | 14.93 | 52.28 | 1.26 | 6.65 | 213.0 | 0.51 | 43.78 |
| 0.822 | 14.93 | 52.27 | 0.99 | 6.71 | 214.19 | 0.51 | 43.78 |
| 0.875 | 14.93 | 52.28 | 1.18 | 6.76 | 209.24 | 0.53 | 43.78 |
| 0.897 | 14.93 | 52.27 | 1.41 | 6.82 | 217.75 | 0.53 | 43.78 |
| 0.906 | 14.93 | 52.28 | 0.95 | 7.28 | 206.59 | 0.52 | 43.78 |
| 0.914 | 14.93 | 52.27 | 1.34 | 7.41 | 201.85 | 0.53 | 43.78 |
| 0.921 | 14.93 | 52.28 | 1.56 | 6.61 | 216.84 | 0.52 | 43.79 |
| 0.939 | 14.93 | 52.28 | 1.22 | 6.55 | 192.84 | 0.53 | 43.78 |
| 0.98 | 14.93 | 52.27 | 1.34 | 6.51 | 197.91 | 0.52 | 43.77 |
| 0.989 | 14.93 | 52.28 | 1.14 | 6.46 | 212.46 | 0.51 | 43.79 |
| 1.0 | 14.93 | 52.27 | 1.87 | 6.49 | 201.29 | 0.5 | 43.78 |
| 1.02 | 14.93 | 52.27 | 2.17 | 6.55 | 210.7 | 0.55 | 43.78 |
| 1.027 | 14.93 | 52.28 | 2.33 | 7.04 | 214.19 | 0.53 | 43.78 |
| 1.033 | 14.92 | 52.28 | 1.34 | 7.48 | 205.44 | 0.49 | 43.79 |
| 1.05 | 14.93 | 52.28 | 1.53 | 7.45 | 199.48 | 0.52 | 43.79 |
| 1.061 | 14.93 | 52.28 | 1.11 | 7.02 | 213.1 | 0.51 | 43.78 |
| 1.101 | 14.93 | 52.28 | 1.11 | 6.97 | 212.81 | 0.55 | 43.78 |
| 1.11 | 14.93 | 52.29 | 1.41 | 6.97 | 217.29 | 0.56 | 43.79 |
| 1.134 | 14.93 | 52.29 | 1.37 | 6.98 | 216.84 | 0.56 | 43.79 |
| 1.175 | 14.93 | 52.28 | 1.18 | 6.99 | 216.69 | 0.53 | 43.77 |
| 1.2 | 14.93 | 52.28 | 1.37 | 7.0 | 210.35 | 0.5 | 43.78 |
| 1.229 | 14.93 | 52.29 | 1.3 | 7.0 | 217.34 | 0.51 | 43.79 |
| 1.253 | 14.93 | 52.28 | 1.22 | 7.61 | 226.55 | 0.56 | 43.78 |
| 1.26 | 14.93 | 52.29 | 1.34 | 7.77 | 219.01 | 0.57 | 43.79 |
| 1.288 | 14.93 | 52.29 | 1.22 | 7.48 | 206.54 | 0.56 | 43.79 |
| 1.308 | 14.93 | 52.28 | 1.26 | 7.41 | 214.99 | 0.56 | 43.79 |
| 1.343 | 14.93 | 52.28 | 1.22 | 7.35 | 220.44 | 0.56 | 43.79 |
| 1.358 | 14.93 | 52.28 | 1.18 | 7.31 | 216.39 | 0.56 | 43.79 |
| 1.361 | 14.92 | 52.28 | 1.22 | 7.17 | 223.73 | 0.56 | 43.79 |
| 1.389 | 14.93 | 52.29 | 1.3 | 7.14 | 219.93 | 0.55 | 43.79 |
| 1.433 | 14.93 | 52.28 | 1.3 | 7.13 | 215.44 | 0.54 | 43.79 |
| 1.436 | 14.92 | 52.28 | 1.22 | 7.2 | 216.19 | 0.56 | 43.79 |
| 1.451 | 14.92 | 52.29 | 1.26 | 7.22 | 231.48 | 0.58 | 43.8 |
| 1.485 | 14.93 | 52.28 | 1.37 | 7.22 | 233.59 | 0.55 | 43.79 |
| 1.517 | 14.93 | 52.29 | 1.95 | 7.21 | 233.53 | 0.53 | 43.79 |
| 1.519 | 14.92 | 52.29 | 1.3 | 7.6 | 225.66 | 0.54 | 43.79 |

| 1.564 | 14.93 | 52.29 | 1.3 | 7.56 | 236.58 | 0.53 | 43.79 |
|---|---|---|---|---|---|---|---|
| 1.615 | 14.92 | 52.28 | 1.22 | 7.05 | 221.1 | 0.56 | 43.79 |
| 1.654 | 14.92 | 52.29 | 1.26 | 7.15 | 232.24 | 0.57 | 43.79 |
| 1.664 | 14.92 | 52.28 | 1.53 | 7.25 | 234.13 | 0.56 | 43.79 |
| 1.694 | 14.92 | 52.28 | 2.21 | 7.36 | 229.61 | 0.56 | 43.79 |
| 1.745 | 14.92 | 52.29 | 1.83 | 7.46 | 225.45 | 0.56 | 43.79 |
| 1.788 | 14.92 | 52.29 | 1.64 | 7.53 | 227.81 | 0.55 | 43.79 |
| 1.805 | 14.92 | 52.28 | 1.53 | 7.57 | 227.5 | 0.58 | 43.79 |
| 1.807 | 14.92 | 52.29 | 1.53 | 7.6 | 229.19 | 0.54 | 43.79 |
| 1.825 | 14.92 | 52.29 | 1.41 | 7.61 | 229.72 | 0.54 | 43.79 |
| 1.85 | 14.92 | 52.28 | 1.45 | 7.62 | 229.24 | 0.56 | 43.79 |
| 1.884 | 14.92 | 52.29 | 1.72 | 7.62 | 229.51 | 0.55 | 43.8 |
| 1.956 | 14.92 | 52.29 | 1.95 | 7.63 | 230.84 | 0.56 | 43.8 |
| 2.038 | 14.92 | 52.29 | 1.49 | 7.66 | 232.78 | 0.56 | 43.8 |
| 2.048 | 14.92 | 52.28 | 1.37 | 7.71 | 234.13 | 0.53 | 43.8 |
| 2.093 | 14.91 | 52.28 | 1.3 | 7.7 | 241.12 | 0.56 | 43.8 |
| 2.19 | 14.91 | 52.28 | 1.18 | 7.68 | 241.07 | 0.6 | 43.8 |
| 2.217 | 14.91 | 52.28 | 1.49 | 7.49 | 234.45 | 0.58 | 43.8 |
| 2.238 | 14.91 | 52.28 | 1.95 | 7.42 | 239.4 | 0.58 | 43.8 |
| 2.3 | 14.91 | 52.28 | 1.83 | 7.36 | 248.27 | 0.58 | 43.81 |
| 2.351 | 14.91 | 52.28 | 1.37 | 7.18 | 241.12 | 0.56 | 43.8 |
| 2.39 | 14.91 | 52.28 | 1.64 | 7.15 | 246.66 | 0.58 | 43.8 |
| 2.414 | 14.91 | 52.28 | 1.41 | 6.92 | 241.12 | 0.61 | 43.8 |
| 2.449 | 14.91 | 52.28 | 1.41 | 6.88 | 246.66 | 0.6 | 43.8 |
| 2.525 | 14.91 | 52.28 | 1.72 | 6.87 | 250.35 | 0.6 | 43.81 |
| 2.583 | 14.91 | 52.28 | 1.34 | 6.98 | 249.94 | 0.57 | 43.8 |
| 2.585 | 14.91 | 52.28 | 2.21 | 7.0 | 249.08 | 0.57 | 43.8 |
| 2.629 | 14.91 | 52.28 | 1.98 | 7.0 | 250.0 | 0.63 | 43.8 |
| 2.713 | 14.91 | 52.28 | 1.56 | 7.01 | 250.76 | 0.6 | 43.8 |
| 2.754 | 14.91 | 52.28 | 1.37 | 7.25 | 258.85 | 0.61 | 43.8 |
| 2.763 | 14.91 | 52.27 | 1.41 | 7.31 | 267.38 | 0.66 | 43.8 |
| 2.83 | 14.91 | 52.28 | 1.41 | 7.34 | 270.19 | 0.63 | 43.8 |
| 2.918 | 14.91 | 52.28 | 1.3 | 7.34 | 263.2 | 0.65 | 43.81 |
| 2.94 | 14.91 | 52.28 | 1.56 | 7.21 | 265.28 | 0.61 | 43.8 |
| 2.956 | 14.91 | 52.28 | 1.87 | 7.21 | 259.39 | 0.63 | 43.8 |
| 2.962 | 14.9 | 52.27 | 1.49 | 6.9 | 269.62 | 0.63 | 43.8 |
| 2.964 | 14.9 | 52.27 | 1.41 | 6.71 | 258.61 | 0.65 | 43.8 |
| 2.988 | 14.9 | 52.27 | 1.45 | 6.69 | 265.84 | 0.66 | 43.8 |
| 3.083 | 14.9 | 52.27 | 1.41 | 6.69 | 263.45 | 0.64 | 43.81 |
| 3.086 | 14.9 | 52.27 | 1.45 | 6.69 | 257.83 | 0.63 | 43.8 |
| 3.097 | 14.9 | 52.27 | 1.87 | 6.74 | 259.69 | 0.64 | 43.8 |
| 3.135 | 14.9 | 52.27 | 1.56 | 6.82 | 259.99 | 0.63 | 43.8 |
| 3.183 | 14.9 | 52.27 | 1.87 | 6.91 | 258.07 | 0.64 | 43.8 |
| 3.205 | 14.9 | 52.27 | 1.53 | 7.51 | 268.62 | 0.65 | 43.8 |
| 3.235 | 14.9 | 52.27 | 1.41 | 7.5 | 270.94 | 0.62 | 43.8 |
| 3.294 | 14.9 | 52.27 | 1.49 | 6.99 | 266.45 | 0.66 | 43.8 |
| 3.318 | 14.9 | 52.27 | 1.64 | 6.95 | 267.01 | 0.63 | 43.8 |
| 3.366 | 14.9 | 52.27 | 1.45 | 6.91 | 265.41 | 0.63 | 43.8 |
| 3.381 | 14.9 | 52.26 | 1.53 | 6.77 | 269.56 | 0.63 | 43.8 |
| 3.384 | 14.9 | 52.26 | 1.41 | 6.78 | 269.06 | 0.64 | 43.8 |
| 3.416 | 14.9 | 52.27 | 1.49 | 6.82 | 266.64 | 0.63 | 43.8 |
| 3.431 | 14.9 | 52.26 | 1.22 | 7.39 | 269.5 | 0.66 | 43.8 |
| 3.446 | 14.9 | 52.26 | 1.37 | 7.42 | 270.69 | 0.64 | 43.8 |
| 3.52 | 14.9 | 52.27 | 1.18 | 7.45 | 268.31 | 0.69 | 43.8 |
| 3.596 | 14.9 | 52.27 | 1.37 | 7.56 | 267.32 | 0.64 | 43.8 |
| 3.605 | 14.9 | 52.27 | 1.45 | 7.61 | 266.83 | 0.63 | 43.8 |
| 3.645 | 14.9 | 52.26 | 1.68 | 7.68 | 265.96 | 0.63 | 43.8 |
| 3.728 | 14.9 | 52.26 | 1.41 | 7.76 | 261.98 | 0.64 | 43.8 |

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|---|---|---|---|---|---|---|---|
| 3.824 | 14.9 | 52.26 | 1.49 | 7.84 | 258.67 | 0.66 | 43.8 |
| 3.888 | 14.9 | 52.26 | 1.6 | 7.91 | 259.21 | 0.69 | 43.8 |
| 3.907 | 14.9 | 52.26 | 1.49 | 7.95 | 262.47 | 0.69 | 43.8 |
| 3.914 | 14.9 | 52.26 | 1.6 | 7.95 | 267.51 | 0.67 | 43.79 |
| 3.94 | 14.9 | 52.25 | 1.34 | 7.94 | 272.58 | 0.67 | 43.79 |
| 3.978 | 14.89 | 52.25 | 1.45 | 7.9 | 277.03 | 0.68 | 43.79 |
| 4.049 | 14.89 | 52.25 | 1.56 | 7.83 | 276.52 | 0.66 | 43.79 |
| 4.162 | 14.89 | 52.25 | 1.56 | 7.77 | 269.44 | 0.69 | 43.79 |
| 4.277 | 14.88 | 52.23 | 1.6 | 7.95 | 275.31 | 0.66 | 43.79 |
| 4.348 | 14.88 | 52.23 | 1.64 | 7.99 | 276.2 | 0.67 | 43.8 |
| 4.455 | 14.88 | 52.23 | 1.87 | 8.05 | 267.51 | 0.7 | 43.79 |
| 4.543 | 14.87 | 52.23 | 1.72 | 8.11 | 260.29 | 0.69 | 43.8 |
| 4.555 | 14.87 | 52.23 | 1.72 | 8.2 | 254.44 | 0.69 | 43.79 |
| 4.572 | 14.87 | 52.23 | 1.98 | 8.22 | 254.97 | 0.72 | 43.8 |
| 4.628 | 14.87 | 52.23 | 1.95 | 8.22 | 259.51 | 0.7 | 43.8 |
| 4.707 | 14.87 | 52.24 | 1.98 | 8.21 | 261.98 | 0.72 | 43.8 |
| 4.763 | 14.88 | 52.24 | 1.83 | 8.22 | 262.23 | 0.68 | 43.8 |
| 4.777 | 14.88 | 52.24 | 1.83 | 8.24 | 261.62 | 0.7 | 43.8 |
| 4.794 | 14.88 | 52.24 | 1.83 | 8.25 | 256.4 | 0.71 | 43.8 |
| 4.814 | 14.88 | 52.24 | 2.06 | 8.26 | 252.1 | 0.77 | 43.8 |
| 4.822 | 14.88 | 52.25 | 2.25 | 8.3 | 247.75 | 0.79 | 43.8 |
| 4.828 | 14.89 | 52.25 | 2.17 | 8.33 | 241.57 | 0.77 | 43.8 |
| 4.832 | 14.89 | 52.25 | 2.29 | 8.35 | 237.85 | 0.76 | 43.79 |