## Sheet1
| Supplemental Table 1. Total organic carbon and nitrogen data of SPR0901-03KC | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 |
| --- | --- | --- | --- | --- |
| Age (CE) | TN (%) | TOC (%) | Molar C/N | TOC (%) after removing flood and turbidite |
| 1910 | 0.41 | 3.33 | 9.471699 | 3.33 |
| 1908.225 | 0.42 | 3.61 | 10.023639 | 3.61 |
| 1906.45 | 0.43 | 3.54 | 9.600687 | 3.54 |
| 1904.675 | 0.4 | 3.37 | 9.82511 | 3.37 |
| 1902.9 | 0.37 | 3.12 | 9.833777 | 3.12 |
| 1901.125 | 0.37 | 3.19 | 10.054407 | 3.19 |
| 1899.35 | 0.37 | 3.24 | 10.212 | 3.24 |
| 1897.575 | 0.39 | 3.4 | 10.166742 | 3.4 |
| 1895.8 | 0.43 | 3.56 | 9.654928 | 3.56 |
| 1894.025 | 0.39 | 3.33 | 9.957427 | 3.33 |
| 1892.25 | 0.41 | 3.54 | 10.069013 | 3.54 |
| 1890.475 | 0.41 | 3.51 | 9.983683 | 3.51 |
| 1888.7 | 0.38 | 3.29 | 10.096708 | 3.29 |
| 1886.925 | 0.4 | 3.44 | 10.029192 | 3.44 |
| 1885.15 | 0.4 | 3.42 | 9.970883 | 3.42 |
| 1883.375 | 0.42 | 3.45 | 9.579378 | 3.45 |
| 1881.6 | 0.43 | 3.73 | 10.115978 | 3.73 |
| 1879.825 | 0.445 | 3.745 | 9.8143 | 3.745 |
| 1878.05 | 0.47 | 4.04 | 10.02423 | 4.04 |
| 1876.275 | 0.455 | 3.87 | 9.918981 | 3.87 |
| 1874.5 | 0.46 | 3.93 | 9.963277 | 3.93 |
| 1872.725 | 0.44 | 3.79 | 10.045095 | 3.79 |
| 1870.95 | 0.43 | 3.83 | 10.387184 | 3.83 |
| 1869.175 | 0.45 | 3.79 | 9.82187 | 3.79 |
| 1867.4 | 0.43 | 3.7 | 10.034616 | 3.7 |
| 1865.625 | 0.43 | 3.64 | 9.871893 | 3.64 |
| 1863.85 | 0.42 | 3.55 | 9.857041 | 3.55 |
| 1862.075 | 0.36 | 3.15 | 10.20412 | NaN |
| 1860.3 | 0.27 | 2.5 | 10.798011 | NaN |
| 1860.3 | 0.23 | 2.16 | 10.952 | NaN |
| 1860.3 | 0.3 | 2.59 | 10.068065 | NaN |
| 1860.3 | 0.34 | 2.89 | 9.912574 | NaN |
| 1858.077778 | 0.37 | 3.26 | 10.275037 | NaN |
| 1855.855556 | 0.38 | 3.33 | 10.219465 | NaN |
| 1853.633333 | 0.42 | 3.75 | 10.412367 | 3.75 |
| 1851.411111 | 0.42 | 3.65 | 10.134704 | 3.65 |
| 1849.188889 | 0.42 | 3.62 | 10.051405 | 3.62 |
| 1846.966667 | 0.41 | 3.56 | 10.1259 | 3.56 |
| 1844.744444 | 0.45 | 3.8 | 9.847786 | 3.8 |
| 1842.522222 | 0.43 | 3.67 | 9.953255 | 3.67 |
| 1840.3 | 0.39 | 3.3 | 9.867721 | 3.3 |
| 1839.221429 | 0.39 | 3.31 | 9.897623 | 3.31 |
| 1838.142857 | 0.4 | 3.41 | 9.941728 | 3.41 |
| 1837.064286 | 0.39 | 3.33 | 9.957427 | 3.33 |
| 1835.985714 | 0.4 | 3.42 | 9.970883 | 3.42 |
| 1834.907143 | 0.38 | 3.17 | 9.728439 | 3.17 |
| 1833.828571 | 0.4 | 3.38 | 9.854265 | 3.38 |
| 1832.75 | 0.41 | 3.45 | 9.813021 | 3.45 |
| 1831.671429 | 0.4 | 3.41 | 9.941728 | 3.41 |
| 1830.592857 | 0.38 | 3.16 | 9.69775 | 3.16 |
| 1829.514286 | 0.38 | 3.18 | 9.759128 | 3.18 |
| 1828.435714 | 0.38 | 3.31 | 10.158086 | 3.31 |
| 1827.357143 | 0.42 | 3.47 | 9.634911 | 3.47 |
| 1826.278571 | 0.39 | 3.36 | 10.047134 | 3.36 |
| 1825.2 | 0.37 | 3.24 | 10.212 | 3.24 |
| 1824.121429 | 0.4 | 3.37 | 9.82511 | 3.37 |
| 1823.042857 | 0.4 | 3.44 | 10.029192 | 3.44 |
| 1821.964286 | 0.4 | 3.4 | 9.912574 | 3.4 |
| 1820.885714 | 0.415 | 3.56 | 10.003902 | 3.56 |
| 1819.807143 | 0.41 | 3.45 | 9.813021 | 3.45 |
| 1818.728571 | 0.4 | 3.36 | 9.795955 | 3.36 |
| 1817.65 | 0.4 | 3.41 | 9.941728 | 3.41 |
| 1816.571429 | 0.4 | 3.34 | 9.737646 | 3.34 |
| 1815.492857 | 0.4 | 3.36 | 9.795955 | 3.36 |
| 1814.414286 | 0.37 | 3.21 | 10.117444 | 3.21 |
| 1813.335714 | 0.37 | 3.135 | 9.881055 | 3.135 |
| 1812.257143 | 0.36 | 3.025 | 9.799195 | 3.025 |
| 1811.178571 | 0.385 | 3.195 | 9.677822 | 3.195 |
| 1810.1 | 0.41 | 3.51 | 9.983683 | 3.51 |
| 1808.5625 | 0.455 | 3.785 | 9.701123 | 3.785 |
| 1807.025 | 0.51 | 4.29 | 9.809675 | 4.29 |
| 1805.4875 | 0.53 | 4.45 | 9.791555 | 4.45 |
| 1803.95 | 0.47 | 3.89 | 9.652043 | 3.89 |
| 1802.4125 | 0.475 | 4.035 | 9.906436 | 4.035 |
| 1800.875 | 0.49 | 4.2 | 9.995873 | 4.2 |
| 1799.3375 | 0.54 | 4.49 | 9.696614 | 4.49 |
| 1797.8 | 0.53 | 4.37 | 9.615527 | 4.37 |
| 1796.2625 | 0.51 | 4.33 | 9.901141 | 4.33 |
| 1794.725 | 0.49 | 4.22 | 10.043472 | 4.22 |
| 1793.1875 | 0.53 | 4.48 | 9.857565 | 4.48 |
| 1791.65 | 0.5 | 4.15 | 9.679337 | 4.15 |
| 1790.1125 | 0.5 | 4.23 | 9.865926 | 4.23 |
| 1788.575 | 0.44 | 3.72 | 9.859565 | 3.72 |
| 1787.0375 | 0.53 | 4.46 | 9.813558 | 4.46 |
| 1785.5 | 0.49 | 4.1 | 9.757876 | 4.1 |
| 1783.9625 | 0.5 | 4.06 | 9.469423 | 4.06 |
| 1782.425 | 0.5 | 4.14 | 9.656013 | 4.14 |
| 1780.8875 | 0.5 | 4.19 | 9.772632 | 4.19 |
| 1779.35 | 0.45 | 3.71 | 9.614549 | 3.71 |
| 1777.8125 | 0.47 | 3.95 | 9.800918 | 3.95 |
| 1776.275 | 0.48 | 3.98 | 9.669619 | 3.98 |
| 1774.7375 | 0.46 | 3.86 | 9.785815 | 3.86 |
| 1773.2 | 0.45 | 3.82 | 9.899616 | 3.82 |
| 1771.6625 | 0.5 | 4.12 | 9.609366 | 4.12 |
| 1770.125 | 0.43 | 3.63 | 9.844772 | 3.63 |
| 1768.5875 | 0.43 | 3.69 | 10.007496 | 3.69 |
| 1767.05 | 0.42 | 3.57 | 9.912574 | 3.57 |
| 1765.5125 | 0.42 | 3.48 | 9.662677 | 3.48 |
| 1763.975 | 0.42 | 3.6 | 9.995873 | 3.6 |
| 1762.4375 | 0.36 | 3.09 | 10.009756 | NaN |
| 1760.9 | 0.24 | 1.65 | 8.017523 | NaN |
| 1760.9 | 0.35 | 3.01 | 10.029192 | NaN |
| 1760.9 | 0.27 | 2.29 | 9.890978 | NaN |
| 1760.9 | 0.26 | 2.18 | 9.778014 | NaN |
| 1760.9 | 0.28 | 2.28 | 9.496079 | NaN |
| 1760.9 | 0.3 | 2.55 | 9.912574 | NaN |
| 1760.9 | 0.22 | 1.81 | 9.594523 | NaN |
| 1760.9 | 0.21 | 1.71 | 9.496079 | NaN |
| 1760.9 | 0.2 | 1.69 | 9.854265 | NaN |
| 1760.9 | 0.17 | 1.62 | 11.113059 | NaN |
| 1760.9 | 0.2 | 1.68 | 9.795955 | NaN |
| 1760.9 | 0.2 | 1.7 | 9.912574 | NaN |
| 1760.9 | 0.23 | 2.01 | 10.191444 | NaN |
| 1760.9 | 0.24 | 2.1 | 10.20412 | NaN |
| 1760.9 | 0.28 | 2.45 | 10.20412 | NaN |
| 1760.9 | 0.27 | 2.34 | 10.106938 | NaN |
| 1759.472222 | 0.41 | 3.63 | 10.325005 | 3.63 |
| 1758.044444 | 0.37 | 3.09 | 9.739222 | 3.09 |
| 1756.616667 | 0.42 | 3.53 | 9.801509 | 3.53 |
| 1755.188889 | 0.51 | 4.33 | 9.901141 | 4.33 |
| 1753.761111 | 0.49 | 4.13 | 9.829275 | 4.13 |
| 1752.333333 | 0.51 | 4.28 | 9.786809 | 4.28 |
| 1750.905556 | 0.49 | 4.2 | 9.995873 | 4.2 |
| 1749.477778 | 0.48 | 4.04 | 9.815392 | 4.04 |
| 1748.05 | 0.52 | 4.34 | 9.733161 | 4.34 |
| 1746.622222 | 0.54 | 4.5 | 9.71821 | 4.5 |
| 1745.194444 | 0.49 | 4.11 | 9.781675 | 4.11 |
| 1743.766667 | 0.49 | 4.16 | 9.900674 | 4.16 |
| 1742.338889 | 0.49 | 4.19 | 9.972073 | 4.19 |
| 1740.911111 | 0.48 | 4.14 | 10.058347 | 4.14 |
| 1739.483333 | 0.47 | 4.08 | 10.12348 | 4.08 |
| 1738.055556 | 0.41 | 3.62 | 10.296562 | 3.62 |
| 1736.627778 | 0.41 | 3.63 | 10.325005 | 3.63 |
| 1735.2 | 0.36 | 3.27 | 10.592848 | NaN |
| 1735.2 | 0.4 | 3.43 | 10.000038 | NaN |
| 1735.2 | 0.38 | 3.45 | 10.587734 | NaN |
| 1735.2 | 0.4 | 3.44 | 10.029192 | NaN |
| 1735.2 | 0.41 | 3.65 | 10.381892 | NaN |
| 1735.2 | 0.38 | 3.42 | 10.495666 | NaN |
| 1735.2 | 0.4 | 3.53 | 10.291584 | NaN |
| 1735.2 | 0.38 | 3.38 | 10.37291 | NaN |
| 1735.2 | 0.35 | 3.12 | 10.395708 | NaN |
| 1735.2 | 0.35 | 3.11 | 10.362388 | NaN |
| 1735.2 | 0.35 | 3.13 | 10.429027 | NaN |
| 1735.2 | 0.35 | 3.16 | 10.528986 | NaN |
| 1735.2 | 0.35 | 3.03 | 10.095831 | NaN |
| 1735.2 | 0.35 | 3.08 | 10.262429 | NaN |
| 1735.2 | 0.37 | 3.27 | 10.306555 | NaN |
| 1735.2 | 0.38 | 3.3 | 10.127397 | NaN |
| 1735.2 | 0.38 | 3.34 | 10.250154 | NaN |
| 1735.2 | 0.36 | 3.17 | 10.268908 | NaN |
| 1735.2 | 0.38 | 3.3 | 10.127397 | NaN |
| 1735.2 | 0.37 | 3.32 | 10.464148 | NaN |
| 1735.2 | 0.35 | 3.06 | 10.19579 | NaN |
| 1735.2 | 0.34 | 2.98 | 10.22127 | NaN |
| 1735.2 | 0.28 | 2.36 | 9.829275 | NaN |
| 1735.2 | 0.26 | 2.34 | 10.495666 | NaN |
| 1735.2 | 0.32 | 2.78 | 10.131234 | NaN |
| 1735.2 | 0.34 | 2.96 | 10.152671 | NaN |
| 1735.2 | 0.36 | 3.12 | 10.106938 | NaN |
| 1735.2 | 0.37 | 3.15 | 9.928333 | NaN |
| 1735.2 | 0.36 | 3.1 | 10.04215 | NaN |
| 1735.2 | 0.34 | 2.91 | 9.981173 | NaN |
| 1735.2 | 0.39 | 3.35 | 10.017231 | NaN |
| 1735.2 | 0.46 | 3.95 | 10.013981 | NaN |
| 1735.2 | 0.49 | 4.09 | 9.734076 | NaN |
| 1735.2 | 0.46 | 3.93 | 9.963277 | NaN |
| 1735.2 | 0.49 | 4.34 | 10.329068 | NaN |
| 1735.2 | 0.51 | 4.3 | 9.832541 | 4.3 |
| 1733.056 | 0.49 | 4.22 | 10.043472 | 4.22 |
| 1730.912 | 0.47 | 4.06 | 10.073855 | 4.06 |
| 1728.768 | 0.48 | 4.1 | 9.961165 | 4.1 |
| 1726.624 | 0.53 | 4.61 | 10.14361 | 4.61 |
| 1724.48 | 0.52 | 4.43 | 9.935 | 4.43 |
| 1722.336 | 0.5 | 4.17 | 9.725984 | 4.17 |
| 1720.192 | 0.45 | 3.93 | 10.184684 | 3.93 |
| 1718.048 | 0.49 | 4.27 | 10.162471 | 4.27 |
| 1715.904 | 0.49 | 4.2 | 9.995873 | 4.2 |
| 1715.904 | 0.5 | 4.34 | 10.122487 | 4.34 |
| 1713.76 | 0.48 | 4.09 | 9.936869 | 4.09 |
| 1711.616 | 0.5 | 4.17 | 9.725984 | 4.17 |
| 1709.472 | 0.47 | 4.09 | 10.148292 | 4.09 |
| 1707.328 | 0.5 | 4.47 | 10.425695 | 4.47 |
| 1703.04 | 0.41 | 3.57 | 10.154344 | 3.57 |
| 1700.896 | 0.45 | 3.96 | 10.262429 | 3.96 |
| 1698.752 | 0.45 | 3.98 | 10.31426 | 3.98 |
| 1696.608 | 0.42 | 3.73 | 10.356835 | 3.73 |
| 1694.464 | 0.41 | 3.54 | 10.069013 | 3.54 |
| 1692.32 | 0.43 | 4.04 | 10.956716 | 4.04 |
| 1690.176 | 0.46 | 3.92 | 9.937926 | 3.92 |
| 1688.032 | 0.49 | 4.24 | 10.091072 | 4.24 |
| 1685.888 | 0.52 | 4.46 | 10.00228 | 4.46 |
| 1683.744 | 0.52 | 4.56 | 10.226547 | 4.56 |
| 1681.6 | 0.5 | 4.36 | 10.169135 | 4.36 |
| 1679.930769 | 0.53 | 4.56 | 10.033593 | 4.56 |
| 1678.261538 | 0.515 | 4.265 | 9.657825 | 4.265 |
| 1676.592308 | 0.54 | 4.59 | 9.912574 | 4.59 |
| 1674.923077 | 0.5 | 4.29 | 10.005869 | 4.29 |
| 1673.253846 | 0.55 | 4.6 | 9.753549 | 4.6 |
| 1671.584615 | 0.56 | 4.51 | 9.391955 | 4.51 |
| 1669.915385 | 0.5 | 4.28 | 9.982545 | 4.28 |
| 1668.246154 | 0.5 | 4.31 | 10.052516 | 4.31 |
| 1666.576923 | 0.47 | 4.03 | 9.999417 | 4.03 |
| 1664.907692 | 0.48 | 3.95 | 9.596732 | 3.95 |
| 1663.238462 | 0.49 | 3.95 | 9.40088 | 3.95 |
| 1661.569231 | 0.52 | 4.21 | 9.441614 | 4.21 |
| 1659.9 | 0.51 | 4.37 | 9.992606 | 4.37 |
| 1658.230769 | 0.48 | 4.1 | 9.961165 | 4.1 |
| 1656.561538 | 0.49 | 4.22 | 10.043472 | 4.22 |
| 1654.892308 | 0.5 | 4.02 | 9.376129 | 4.02 |
| 1653.223077 | 0.47 | 3.82 | 9.478356 | 3.82 |
| 1651.553846 | 0.44 | 3.97 | 10.522171 | 3.97 |
| 1649.884615 | 0.46 | 3.72 | 9.430889 | 3.72 |
| 1648.215385 | 0.47 | 4.07 | 10.098667 | 4.07 |
| 1646.546154 | 0.44 | 3.93 | 10.416154 | 3.93 |
| 1644.876923 | 0.51 | 4.11 | 9.39808 | 4.11 |
| 1643.207692 | 0.48 | 4.07 | 9.888278 | 4.07 |
| 1641.538462 | 0.47 | 4.06 | 10.073855 | 4.06 |
| 1639.869231 | 0.47 | 3.975 | 9.862949 | 3.975 |
| 1638.2 | 0.48 | 4.17 | 10.131234 | 4.17 |
| 1636.38961 | 0.53 | 4.19 | 9.219464 | 4.19 |
| 1634.579221 | 0.51 | 4.26 | 9.741076 | 4.26 |
| 1632.768831 | 0.43 | 3.63 | 9.844772 | 3.63 |
| 1630.958442 | NaN | NaN | NaN | NaN |
| 1629.148052 | 0.55 | 4.33 | 9.181058 | 4.33 |
| 1627.337662 | 0.51 | 4 | 9.14655 | 4 |
| 1625.527273 | 0.44 | 3.71 | 9.833061 | 3.71 |
| 1623.716883 | 0.46 | 4.11 | 10.419611 | 4.11 |
| 1621.906494 | 0.49 | 4.19 | 9.972073 | 4.19 |
| 1620.096104 | 0.49 | 4.03 | 9.591278 | 4.03 |
| 1618.285714 | 0.45 | 3.96 | 10.262429 | 3.96 |
| 1616.475325 | 0.39 | 3.23 | 9.658405 | 3.23 |
| 1614.664935 | 0.43 | 3.59 | 9.73629 | 3.59 |
| 1612.854545 | 0.36 | 3.19 | 10.333696 | 3.19 |
| 1611.044156 | 0.38 | 3.36 | 10.311532 | 3.36 |
| 1609.233766 | 0.44 | 3.89 | 10.310137 | 3.89 |
| 1607.423377 | 0.47 | 4.05 | 10.049042 | 4.05 |
| 1605.612987 | 0.45 | 3.64 | 9.433142 | 3.64 |
| 1603.802597 | 0.48 | 4.09 | 9.936869 | 4.09 |
| 1601.992208 | 0.52 | 4.18 | 9.374334 | 4.18 |
| 1600.181818 | 0.52 | 4.17 | 9.351908 | 4.17 |
| 1598.371429 | 0.51 | 4.24 | 9.695343 | 4.24 |
| 1596.561039 | 0.51 | 4.35 | 9.946873 | 4.35 |
| 1594.750649 | 0.5 | 4.15 | 9.679337 | 4.15 |
| 1592.94026 | 0.51 | 4.24 | 9.695343 | 4.24 |
| 1591.12987 | 0.47 | 3.97 | 9.850543 | 3.97 |
| 1589.319481 | 0.44 | 3.71 | 9.833061 | 3.71 |
| 1587.509091 | 0.39 | 3.62 | 10.82459 | 3.62 |
| 1585.698701 | 0.45 | 3.88 | 10.055108 | 3.88 |
| 1583.888312 | 0.44 | 3.81 | 10.098103 | 3.81 |
| 1582.077922 | 0.46 | 3.94 | 9.988629 | 3.94 |
| 1580.267532 | 0.46 | 4.02 | 10.191444 | 4.02 |
| 1578.457143 | 0.46 | 3.92 | 9.937926 | 3.92 |
| 1576.646753 | 0.5 | 4.04 | 9.422776 | 4.04 |
| 1574.836364 | 0.5 | 4.18 | 9.749308 | 4.18 |
| 1573.025974 | 0.51 | 4.34 | 9.924007 | 4.34 |
| 1571.215584 | 0.49 | 4.15 | 9.876874 | 4.15 |
| 1569.405195 | 0.46 | 3.98 | 10.090037 | 3.98 |
| 1567.715789 | 0.51 | 4.26 | 9.741076 | 4.26 |
| 1566.147368 | 0.43 | 4 | 10.848234 | 4 |
| 1564.578947 | 0.5 | 4.24 | 9.88925 | 4.24 |
| 1563.010526 | 0.44 | 3.98 | 10.548675 | 3.98 |
| 1561.442105 | 0.49 | 4.1 | 9.757876 | 4.1 |
| 1559.873684 | 0.46 | 3.94 | 9.988629 | 3.94 |
| 1558.305263 | 0.45 | 4.03 | 10.443836 | 4.03 |
| 1556.736842 | 0.47 | 3.83 | 9.503168 | 3.83 |
| 1555.168421 | 0.48 | 4.01 | 9.742505 | 4.01 |
| 1553.6 | 0.47 | 4.03 | 9.999417 | 4.03 |
| 1552.031579 | 0.46 | 3.92 | 9.937926 | 3.92 |
| 1550.463158 | 0.5 | 4.1 | 9.562718 | 4.1 |
| 1548.894737 | 0.46 | 4.13 | 10.470315 | 4.13 |
| 1547.326316 | 0.48 | 4.04 | 9.815392 | 4.04 |
| 1545.757895 | 0.45 | 3.89 | 10.081023 | 3.89 |
| 1544.189474 | 0.44 | 3.86 | 10.230624 | 3.86 |
| 1542.621053 | 0.44 | 3.85 | 10.20412 | 3.85 |
| 1541.052632 | 0.41 | 3.85 | 10.950763 | 3.85 |
| 1539.484211 | 0.42 | 3.59 | 9.968106 | 3.59 |
| 1537.915789 | 0.42 | 3.71 | 10.301302 | 3.71 |
| 1536.347368 | 0.41 | 3.7 | 10.52411 | 3.7 |
| 1534.778947 | 0.41 | 3.63 | 10.325005 | 3.63 |
| 1533.210526 | 0.39 | 3.57 | 10.675079 | 3.57 |
| 1531.642105 | 0.41 | 4 | 11.377416 | 4 |
| 1530.073684 | 0.42 | 3.59 | 9.968106 | 3.59 |
| 1528.505263 | 0.45 | 3.88 | 10.055108 | 3.88 |
| 1526.936842 | 0.4 | 3.48 | 10.145811 | 3.48 |
| 1525.368421 | 0.43 | 3.68 | 9.980375 | 3.68 |
| 1523.8 | 0.25 | 2.39 | 11.14873 | NaN |
| 1523.8 | 0.25 | 2.43 | 11.33532 | NaN |
| 1523.8 | 0.31 | 2.78 | 10.458047 | NaN |
| 1523.8 | 0.31 | 2.85 | 10.72138 | NaN |
| 1523.8 | 0.36 | 3.1 | 10.04215 | NaN |
| 1523.8 | 0.28 | 2.66 | 11.078759 | NaN |
| 1523.8 | 0.21 | 2.02 | 11.217591 | NaN |
| 1523.8 | 0.18 | 1.59 | 10.301302 | NaN |
| 1523.8 | 0.19 | 1.7 | 10.434288 | NaN |
| 1523.8 | 0.17 | 1.6 | 10.97586 | NaN |
| 1523.8 | 0.18 | 1.6 | 10.36609 | NaN |
| 1523.8 | 0.16 | 1.59 | 11.588965 | NaN |
| 1523.8 | 0.16 | 2.74 | 19.970921 | NaN |
| 1523.8 | 0.17 | 1.57 | 10.770063 | NaN |
| 1523.8 | 0.16 | 1.61 | 11.734738 | NaN |
| 1523.8 | 0.17 | 1.56 | 10.701464 | NaN |
| 1523.8 | 0.16 | 1.61 | 11.734738 | NaN |
| 1523.8 | 0.15 | 1.58 | 12.283817 | NaN |
| 1523.8 | 0.14 | 1.81 | 15.077108 | NaN |
| 1523.8 | 0.14 | 1.68 | 13.994222 | NaN |
| 1523.8 | 0.19 | 2.13 | 13.073549 | NaN |
| 1523.8 | 0.23 | 2.39 | 12.118185 | NaN |
| 1522.002632 | 0.24 | 2.39 | 11.61326 | NaN |
| 1520.205263 | 0.26 | 2.64 | 11.841265 | NaN |
| 1518.407895 | 0.25 | 2.53 | 11.801794 | NaN |
| 1516.610526 | 0.27 | 2.59 | 11.186739 | NaN |
| 1514.813158 | 0.27 | 2.56 | 11.057163 | NaN |
| 1513.015789 | 0.27 | 2.53 | 10.927587 | NaN |
| 1511.218421 | 0.32 | 2.8 | 10.20412 | NaN |
| 1509.421053 | 0.3 | 2.74 | 10.651158 | NaN |
| 1507.623684 | 0.38 | 3.19 | 9.789817 | NaN |
| 1505.826316 | 0.38 | 3.72 | 11.416339 | 3.72 |
| 1504.028947 | 0.39 | 3.54 | 10.585373 | 3.54 |
| 1502.231579 | 0.38 | 3.54 | 10.863935 | 3.54 |
| 1500.434211 | 0.52 | 4.41 | 9.890147 | 4.41 |
| 1498.636842 | 0.49 | 4.16 | 9.900674 | 4.16 |
| 1496.839474 | 0.47 | 3.97 | 9.850543 | 3.97 |
| 1495.042105 | 0.53 | 4.51 | 9.923576 | 4.51 |
| 1493.244737 | 0.49 | 4.31 | 10.257669 | 4.31 |
| 1491.447368 | 0.55 | 4.81 | 10.198819 | 4.81 |
| 1489.65 | 0.56 | 4.89 | 10.183295 | 4.89 |
| 1487.852632 | 0.58 | 4.79 | 9.631081 | 4.79 |
| 1486.055263 | 0.52 | 4.8 | 10.764786 | 4.8 |
| 1484.257895 | 0.5 | 4.5 | 10.495666 | 4.5 |
| 1482.460526 | 0.54 | 4.63 | 9.998958 | 4.63 |
| 1480.663158 | 0.56 | 4.6 | 9.579378 | 4.6 |
| 1478.865789 | 0.48 | 4.33 | 10.519962 | 4.33 |
| 1477.068421 | 0.46 | 3.97 | 10.064685 | 3.97 |
| 1475.271053 | 0.48 | 4.32 | 10.495666 | 4.32 |
| 1473.473684 | 0.5 | 4.08 | 9.516071 | 4.08 |
| 1471.676316 | 0.43 | 3.92 | 10.631269 | 3.92 |
| 1469.878947 | 0.48 | 4.27 | 10.374189 | 4.27 |
| 1468.081579 | 0.47 | 4.15 | 10.297167 | 4.15 |
| 1466.284211 | 0.48 | 4.36 | 10.592848 | 4.36 |
| 1464.486842 | 0.47 | 4.09 | 10.148292 | 4.09 |
| 1462.689474 | 0.45 | 4.09 | 10.599327 | 4.09 |
| 1460.892105 | 0.45 | 3.98 | 10.31426 | 3.98 |
| 1459.094737 | 0.53 | 4.51 | 9.923576 | 4.51 |
| 1457.297368 | 0.48 | 4.37 | 10.617144 | 4.37 |
| 1455.5 | 0.49 | 4.12 | 9.805475 | 4.12 |
| 1453.706667 | 0.48 | 4.14 | 10.058347 | 4.14 |
| 1451.913333 | 0.43 | 3.76 | 10.19734 | 3.76 |
| 1450.12 | 0.46 | 3.89 | 9.86187 | 3.89 |
| 1448.326667 | 0.47 | 3.81 | 9.453543 | 3.81 |
| 1446.533333 | 0.4 | 3.41 | 9.941728 | 3.41 |
| 1444.74 | 0.43 | 3.77 | 10.224461 | 3.77 |
| 1442.946667 | 0.42 | 3.8 | 10.551199 | 3.8 |
| 1441.153333 | 0.43 | 3.82 | 10.360063 | 3.82 |
| 1439.36 | 0.45 | 3.78 | 9.795955 | 3.78 |
| 1437.566667 | 0.44 | 3.58 | 9.488506 | 3.58 |
| 1435.773333 | 0.41 | 3.35 | 9.528586 | 3.35 |
| 1433.98 | 0.47 | 4.03 | 9.999417 | 4.03 |
| 1432.186667 | 0.43 | 3.66 | 9.926134 | 3.66 |
| 1430.393333 | 0.45 | 3.66 | 9.484973 | 3.66 |
| 1428.6 | 0.53 | 4.29 | 9.439499 | 4.29 |
| 1426.806667 | 0.48 | 3.94 | 9.572436 | 3.94 |
| 1425.013333 | 0.49 | 4.04 | 9.615078 | 4.04 |
| 1423.22 | 0.41 | 3.45 | 9.813021 | 3.45 |
| 1421.426667 | 0.44 | 3.71 | 9.833061 | 3.71 |
| 1419.633333 | 0.43 | 3.58 | 9.709169 | 3.58 |
| 1417.84 | 0.44 | 3.9 | 10.336641 | 3.9 |
| 1416.046667 | 0.4 | 3.31 | 9.650182 | 3.31 |
| 1414.253333 | 0.41 | 3.48 | 9.898352 | 3.48 |
| 1412.46 | 0.44 | 3.62 | 9.594523 | 3.62 |
| 1410.666667 | 0.4 | 3.27 | 9.533564 | 3.27 |
| 1408.873333 | 0.45 | 3.7 | 9.588633 | 3.7 |
| 1407.08 | 0.44 | 3.74 | 9.912574 | 3.74 |
| 1405.286667 | 0.46 | 3.88 | 9.836518 | 3.88 |
| 1403.493333 | 0.44 | 3.83 | 10.151112 | 3.83 |
| 1401.7 | 0.43 | 3.55 | 9.627808 | 3.55 |
| 1399.906667 | 0.45 | 3.87 | 10.029192 | 3.87 |
| 1398.113333 | 0.44 | 3.71 | 9.833061 | 3.71 |
| 1396.32 | 0.38 | 3.19 | 9.789817 | 3.19 |
| 1394.526667 | 0.4 | 3.37 | 9.82511 | 3.37 |
| 1392.733333 | 0.45 | 3.69 | 9.562718 | 3.69 |
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| 1387.353333 | 0.45 | 3.76 | 9.744125 | 3.76 |
| 1385.56 | 0.42 | 3.95 | 10.967694 | 3.95 |
| 1383.766667 | 0.42 | 3.52 | 9.773742 | 3.52 |
| 1381.973333 | 0.43 | 3.69 | 10.007496 | 3.69 |
| 1380.18 | 0.45 | 3.74 | 9.692294 | 3.74 |
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| 1370.118367 | 0.46 | 3.73 | 9.45624 | 3.73 |
| 1367.777551 | 0.45 | 3.82 | 9.899616 | 3.82 |
| 1365.436735 | 0.47 | 3.91 | 9.701668 | 3.91 |
| 1363.095918 | 0.44 | 3.64 | 9.647532 | 3.64 |
| 1360.755102 | 0.45 | 3.81 | 9.873701 | 3.81 |
| 1358.414286 | 0.4 | 3.3 | 9.621028 | 3.3 |
| 1356.073469 | 0.36 | 2.94 | 9.523845 | 2.94 |
| 1353.732653 | 0.36 | 2.94 | 9.523845 | 2.94 |
| 1351.391837 | 0.41 | 3.43 | 9.756134 | 3.43 |
| 1349.05102 | 0.47 | 3.89 | 9.652043 | 3.89 |
| 1346.710204 | 0.52 | 4.13 | 9.262201 | 4.13 |
| 1344.369388 | 0.53 | 4.28 | 9.417495 | 4.28 |
| 1342.028571 | 0.53 | 4.39 | 9.659534 | 4.39 |
| 1339.687755 | 0.52 | 4.37 | 9.800441 | 4.37 |
| 1337.346939 | 0.48 | 4.01 | 9.742505 | 4.01 |
| 1335.006122 | 0.51 | 4.3 | 9.832541 | 4.3 |
| 1332.665306 | 0.54 | 4.37 | 9.437461 | 4.37 |
| 1330.32449 | 0.52 | 4.15 | 9.307055 | 4.15 |
| 1327.983673 | 0.5 | 4.16 | 9.70266 | 4.16 |
| 1325.642857 | 0.5 | 4.21 | 9.819279 | 4.21 |
| 1323.302041 | 0.44 | 3.96 | 10.495666 | 3.96 |
| 1323.302041 | 0.49 | 4.12 | 9.805475 | 4.12 |
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| 1318.620408 | 0.48 | 3.9 | 9.475254 | 3.9 |
| 1316.279592 | 0.48 | 3.89 | 9.450959 | 3.89 |
| 1313.938776 | 0.49 | 3.92 | 9.329481 | 3.92 |
| 1311.597959 | 0.5 | 4.12 | 9.609366 | 4.12 |
| 1309.257143 | 0.49 | 4.09 | 9.734076 | 4.09 |
| 1306.916327 | 0.49 | 3.97 | 9.44848 | 3.97 |
| 1304.57551 | 0.47 | 3.96 | 9.82573 | 3.96 |
| 1302.234694 | 0.49 | 4.03 | 9.591278 | 4.03 |
| 1299.893878 | 0.49 | 4.02 | 9.567478 | 4.02 |
| 1297.553061 | 0.48 | 3.92 | 9.523845 | 3.92 |
| 1295.212245 | 0.48 | 3.89 | 9.450959 | 3.89 |
| 1292.871429 | 0.49 | 3.93 | 9.353281 | 3.93 |
| 1290.530612 | 0.45 | 3.61 | 9.355396 | 3.61 |
| 1288.189796 | 0.46 | 3.71 | 9.405537 | 3.71 |
| 1285.84898 | 0.43 | 3.41 | 9.248119 | 3.41 |
| 1283.508163 | 0.41 | 3.33 | 9.471699 | 3.33 |
| 1281.167347 | 0.45 | 3.62 | 9.381312 | 3.62 |
| 1278.826531 | 0.43 | 3.46 | 9.383722 | 3.46 |
| 1276.485714 | 0.42 | 3.53 | 9.801509 | 3.53 |
| 1274.144898 | 0.41 | 3.39 | 9.64236 | 3.39 |
| 1271.804082 | 0.43 | 3.77 | 10.224461 | 3.77 |
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| 1264.781633 | 0.39 | 3.34 | 9.987329 | NaN |
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| 1257.762069 | 0.33 | 3.04 | 10.743039 | NaN |
| 1255.424138 | 0.43 | 3.75 | 10.170219 | 3.75 |
| 1253.086207 | 0.43 | 3.78 | 10.251581 | 3.78 |
| 1250.748276 | 0.46 | 4.09 | 10.368907 | 4.09 |
| 1248.410345 | 0.46 | 4.24 | 10.749185 | 4.24 |
| 1246.072414 | 0.47 | 4.16 | 10.321979 | 4.16 |
| 1243.734483 | 0.48 | 4.23 | 10.277007 | 4.23 |
| 1241.396552 | 0.51 | 4.23 | 9.672477 | 4.23 |
| 1239.058621 | 0.45 | 3.96 | 10.262429 | 3.96 |
| 1236.72069 | 0.44 | 3.96 | 10.495666 | 3.96 |
| 1234.382759 | 0.49 | 4.05 | 9.638877 | 4.05 |
| 1232.044828 | 0.48 | 4.11 | 9.98546 | 4.11 |
| 1229.706897 | 0.49 | 3.94 | 9.377081 | 3.94 |
| 1227.368966 | 0.55 | 4.78 | 10.135209 | 4.78 |
| 1225.031034 | 0.45 | 3.78 | 9.795955 | 3.78 |
| 1222.693103 | 0.45 | 3.86 | 10.003277 | 3.86 |
| 1220.355172 | 0.42 | 3.56 | 9.884807 | 3.56 |
| 1218.017241 | 0.4 | 3.67 | 10.699749 | 3.67 |
| 1215.67931 | 0.46 | 3.79 | 9.608352 | 3.79 |
| 1213.341379 | 0.39 | 3.48 | 10.40596 | 3.48 |
| 1211.003448 | 0.43 | 3.67 | 9.953255 | 3.67 |
| 1208.665517 | 0.43 | 3.74 | 10.143099 | 3.74 |
| 1206.327586 | 0.45 | 3.79 | 9.82187 | 3.79 |
| 1203.989655 | 0.44 | 3.74 | 9.912574 | 3.74 |
| 1201.651724 | 0.4 | 3.42 | 9.970883 | 3.42 |
| 1199.313793 | 0.43 | 3.53 | 9.573566 | 3.53 |
| 1196.975862 | 0.39 | 3.32 | 9.927525 | 3.32 |
| 1194.637931 | 0.39 | 3.58 | 10.704982 | 3.58 |
| 1192.3 | 0.4 | 3.41 | 9.941728 | 3.41 |
| 1190 | 0.41 | 3.44 | 9.784578 | 3.44 |
| 1187.7 | 0.4 | 3.72 | 10.845522 | 3.72 |
| 1185.4 | 0.45 | 3.74 | 9.692294 | 3.74 |
| 1183.1 | 0.48 | 4.29 | 10.42278 | 4.29 |
| 1180.8 | 0.53 | 4.47 | 9.835562 | 4.47 |
| 1178.5 | 0.42 | 3.79 | 10.523433 | 3.79 |
| 1176.2 | 0.45 | 4.17 | 10.806649 | 4.17 |
| 1173.9 | 0.49 | 4.13 | 9.829275 | 4.13 |
| 1171.6 | 0.46 | 4.32 | 10.952 | 4.32 |
| 1169.3 | 0.49 | 4.07 | 9.686477 | 4.07 |
| 1167 | 0.49 | 4.07 | 9.686477 | 4.07 |
| 1164.7 | 0.48 | 4.37 | 10.617144 | 4.37 |
| 1162.4 | 0.51 | 4.36 | 9.96974 | 4.36 |
| 1160.1 | 0.45 | 4.15 | 10.754819 | 4.15 |
| 1157.8 | 0.52 | 4.32 | 9.688307 | 4.32 |
| 1155.5 | 0.5 | 4.43 | 10.3324 | 4.43 |
| 1153.2 | 0.43 | 4.08 | 11.065199 | 4.08 |
| 1150.9 | 0.42 | 3.91 | 10.856628 | 3.91 |
| 1148.6 | 0.49 | 4.15 | 9.876874 | 4.15 |
| 1146.3 | 0.48 | 4.03 | 9.791096 | 4.03 |
| 1144 | 0.49 | 4.35 | 10.352868 | 4.35 |
| 1141.7 | 0.4 | 3.74 | 10.903831 | 3.74 |
| 1139.4 | 0.48 | 3.99 | 9.693914 | 3.99 |
| 1137.1 | 0.46 | 4.11 | 10.419611 | 4.11 |
| 1134.8 | 0.47 | 4.13 | 10.247542 | 4.13 |
| 1132.5 | 0.5 | 4.33 | 10.099163 | 4.33 |
| 1130.2 | 0.5 | 4.07 | 9.492747 | 4.07 |
| 1127.9 | 0.49 | 3.96 | 9.42468 | 3.96 |
| 1125.6 | 0.44 | 4.02 | 10.654692 | 4.02 |
| 1123.3 | 0.43 | 3.88 | 10.522787 | 3.88 |
| 1121 | 0.42 | 3.94 | 10.939927 | 3.94 |
| 1118.7 | 0.48 | 4.15 | 10.082642 | 4.15 |
| 1116.4 | 0.46 | 4.1 | 10.394259 | 4.1 |
| 1114.1 | 0.5 | 4.23 | 9.865926 | 4.23 |
| 1111.8 | 0.45 | 4.08 | 10.573412 | 4.08 |
| 1109.5 | 0.47 | 4.18 | 10.371604 | 4.18 |
| 1107.2 | 0.43 | 4.03 | 10.929596 | 4.03 |
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| 1098 | 0.34 | 3.17 | 10.872962 | 3.17 |
| 1095.7 | 0.34 | 2.98 | 10.22127 | 2.98 |
| 1093.406061 | 0.34 | 3.22 | 11.044459 | 3.22 |
| 1091.112121 | 0.37 | 3.38 | 10.653259 | 3.38 |
| 1088.818182 | 0.43 | 3.88 | 10.522787 | 3.88 |
| 1086.524242 | 0.44 | 3.84 | 10.177616 | 3.84 |
| 1084.230303 | 0.44 | 3.95 | 10.469162 | 3.95 |
| 1081.936364 | 0.46 | 4.19 | 10.622426 | 4.19 |
| 1079.642424 | 0.41 | 3.73 | 10.609441 | 3.73 |
| 1077.348485 | 0.42 | 3.67 | 10.190237 | 3.67 |
| 1075.054545 | 0.36 | 3.29 | 10.657637 | 3.29 |
| 1072.760606 | 0.36 | 3.285 | 10.64144 | 3.285 |
| 1070.466667 | 0.42 | 3.85 | 10.690031 | 3.85 |
| 1068.172727 | 0.44 | 4.27 | 11.317297 | 4.27 |
| 1065.878788 | 0.48 | 4.32 | 10.495666 | 4.32 |
| 1063.584848 | 0.45 | 4.26 | 11.039886 | 4.26 |
| 1061.290909 | 0.46 | 4.06 | 10.292852 | 4.06 |
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| 1052.115152 | 0.43 | 3.81 | 10.332943 | 3.81 |
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| 1047.527273 | 0.4 | 3.97 | 11.574388 | 3.97 |
| 1045.233333 | 0.41 | 3.98 | 11.320529 | 3.98 |
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| 1038.351515 | 0.38 | 3.59 | 11.017381 | 3.59 |
| 1036.057576 | 0.37 | 3.62 | 11.409703 | 3.62 |
| 1033.763636 | 0.4 | 3.89 | 11.341151 | 3.89 |
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| 1026.881818 | 0.44 | 3.91 | 10.363145 | 3.91 |
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| 970.896552 | 0.45 | 4.06 | 10.521582 | 4.06 |
| 968.441379 | 0.45 | 3.94 | 10.210599 | 3.94 |
| 965.986207 | 0.45 | 4.06 | 10.521582 | 4.06 |
| 963.531034 | 0.45 | 4.01 | 10.392005 | 4.01 |
| 961.075862 | 0.46 | 4.05 | 10.2675 | 4.05 |
| 958.62069 | 0.44 | 3.95 | 10.469162 | 3.95 |
| 956.165517 | 0.44 | 3.85 | 10.20412 | 3.85 |
| 953.710345 | 0.47 | 3.96 | 9.82573 | 3.96 |
| 951.255172 | 0.46 | 3.94 | 9.988629 | 3.94 |
| 948.8 | 0.43 | 3.81 | 10.332943 | 3.81 |
| 945.9625 | 0.42 | 3.68 | 10.218003 | 3.68 |
| 943.125 | 0.38 | 3.58 | 10.986692 | 3.58 |
| 940.2875 | 0.41 | 3.68 | 10.467223 | 3.68 |
| 937.45 | 0.43 | 3.91 | 10.604149 | 3.91 |
| 934.6125 | 0.44 | 3.96 | 10.495666 | 3.96 |
| 931.775 | 0.48 | 4.27 | 10.374189 | 4.27 |
| 928.9375 | 0.41 | 4.12 | 11.718739 | 4.12 |
| 926.1 | 0.5 | 4.31 | 10.052516 | 4.31 |
| 923.2625 | 0.47 | 4.4 | 10.917478 | 4.4 |
| 920.425 | 0.43 | 4.08 | 11.065199 | 4.08 |
| 917.5875 | 0.47 | 4.13 | 10.247542 | 4.13 |
| 914.75 | 0.45 | 3.87 | 10.029192 | 3.87 |
| 911.9125 | 0.43 | 3.88 | 10.522787 | 3.88 |
| 909.075 | 0.45 | 4.11 | 10.651158 | 4.11 |
| 906.2375 | 0.47 | 4.09 | 10.148292 | 4.09 |
| 903.4 | 0.42 | 3.92 | 10.884395 | 3.92 |
| 900.5625 | 0.44 | 3.92 | 10.38965 | 3.92 |
| 897.725 | 0.44 | 3.89 | 10.310137 | 3.89 |
| 894.8875 | 0.46 | 4.07 | 10.318203 | 4.07 |
| 892.05 | 0.39 | 3.81 | 11.392732 | 3.81 |
| 889.2125 | 0.43 | 3.75 | 10.170219 | 3.75 |
| 886.375 | 0.43 | 3.91 | 10.604149 | 3.91 |
| 883.5375 | 0.43 | 3.91 | 10.604149 | 3.91 |
| 880.7 | 0.42 | 3.67 | 10.190237 | 3.67 |
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| 869.35 | 0.44 | 4.23 | 11.21128 | 4.23 |
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| 863.675 | 0.48 | 4.21 | 10.228416 | 4.21 |
| 860.8375 | 0.46 | 4.08 | 10.343555 | 4.08 |
| 858 | 0.49 | 4.35 | 10.352868 | 4.35 |
| 855.518841 | 0.45 | 4.14 | 10.728903 | 4.14 |
| 853.037681 | 0.47 | 4.2 | 10.421229 | 4.2 |
| 850.556522 | 0.45 | 4.05 | 10.495666 | 4.05 |
| 848.075362 | 0.45 | 4.01 | 10.392005 | 4.01 |
| 845.594203 | 0.45 | 3.98 | 10.31426 | 3.98 |
| 843.113043 | 0.45 | 4.04 | 10.469751 | 4.04 |
| 840.631884 | 0.43 | 3.86 | 10.468546 | 3.86 |
| 838.150725 | 0.41 | 3.96 | 11.263642 | 3.96 |
| 835.669565 | 0.41 | 3.77 | 10.723215 | 3.77 |
| 833.188406 | 0.42 | 3.78 | 10.495666 | 3.78 |
| 830.707246 | 0.41 | 3.66 | 10.410336 | 3.66 |
| 828.226087 | 0.44 | 3.85 | 10.20412 | 3.85 |
| 825.744928 | 0.41 | 3.66 | 10.410336 | 3.66 |
| 823.263768 | 0.42 | 3.63 | 10.079172 | 3.63 |
| 820.782609 | 0.41 | 3.61 | 10.268118 | 3.61 |
| 818.301449 | 0.39 | 3.64 | 10.884395 | 3.64 |
| 815.82029 | 0.41 | 3.8 | 10.808545 | 3.8 |
| 813.33913 | 0.36 | 3.46 | 11.208335 | 3.46 |
| 810.857971 | 0.46 | 4.12 | 10.444963 | 4.12 |
| 808.376812 | 0.43 | 3.82 | 10.360063 | 3.82 |
| 805.895652 | 0.41 | 3.84 | 10.922319 | 3.84 |
| 803.414493 | 0.4 | 3.715 | 10.830945 | 3.715 |
| 800.933333 | 0.44 | 3.9 | 10.336641 | 3.9 |
| 798.452174 | 0.45 | 4.03 | 10.443836 | 4.03 |
| 795.971014 | 0.45 | 3.91 | 10.132853 | 3.91 |
| 793.489855 | 0.43 | 3.72 | 10.088858 | 3.72 |
| 791.008696 | 0.43 | 3.89 | 10.549908 | 3.89 |
| 788.527536 | 0.44 | 3.97 | 10.522171 | 3.97 |
| 786.046377 | 0.4 | 3.82 | 11.137068 | 3.82 |
| 783.565217 | 0.44 | 3.72 | 9.859565 | 3.72 |
| 781.084058 | 0.39 | 3.7 | 11.063808 | 3.7 |
| 778.602899 | 0.44 | 3.78 | 10.018591 | 3.78 |
| 776.121739 | 0.37 | 3.53 | 11.126037 | 3.53 |
| 773.64058 | 0.35 | 3 | 9.995873 | NaN |
| 772.4 | 0.316356 | 2.921017 | 10.767776 | NaN |
| 770.208333 | 0.37 | 3.25 | 10.243518 | 3.25 |
| 768.016667 | 0.385925 | 3.427923 | 10.358468 | 3.427923 |
| 765.825 | 0.391389 | 3.674712 | 10.949183 | 3.674712 |
| 763.633333 | 0.45 | 3.89 | 10.081023 | 3.89 |
| 761.441667 | 0.47 | 4.18 | 10.371604 | 4.18 |
| 759.25 | 0.43 | 3.92 | 10.631269 | 3.92 |
| 757.058333 | 0.43 | 3.96 | 10.739752 | 3.96 |
| 754.866667 | 0.400962 | 3.654485 | 10.628945 | 3.654485 |
| 752.675 | 0.371531 | 3.622431 | 11.370305 | 3.622431 |
| 750.483333 | 0.416119 | 4.007884 | 11.232204 | 4.007884 |
| 748.291667 | 0.42 | 3.89 | 10.801096 | 3.89 |
| 746.1 | 0.42 | 3.9 | 10.828862 | 3.9 |
| 743.908333 | 0.406599 | 3.891729 | 11.162058 | 3.891729 |
| 741.716667 | 0.46 | 3.96 | 10.039333 | 3.96 |
| 739.525 | 0.393479 | 3.676223 | 10.895501 | 3.676223 |
| 737.333333 | 0.42 | 3.98 | 11.050993 | 3.98 |
| 735.141667 | 0.44 | 3.94 | 10.442658 | 3.94 |
| 732.95 | 0.329471 | 3.078846 | 10.897799 | 3.078846 |
| 730.758333 | 0.419704 | 3.987188 | 11.078759 | 3.987188 |
| 728.566667 | 0.41 | 3.75 | 10.666328 | 3.75 |
| 726.375 | 0.43 | 3.94 | 10.68551 | 3.94 |
| 724.183333 | 0.427005 | 4.016157 | 10.968444 | 4.016157 |
| 721.991667 | 0.47 | 4.18 | 10.371604 | 4.18 |
| 719.8 | 0.47 | 4.34 | 10.768603 | 4.34 |
| 717.608333 | 0.444069 | 4.165786 | 10.939927 | 4.165786 |
| 715.416667 | 0.444495 | 4.262594 | 11.183417 | 4.262594 |
| 713.225 | 0.421412 | 4.123007 | 11.409703 | 4.123007 |
| 711.033333 | 0.404671 | 3.919528 | 11.295336 | 3.919528 |
| 708.841667 | 0.414545 | 3.861187 | 10.862182 | 3.861187 |
| 706.65 | 0.41 | 3.79 | 10.780102 | 3.79 |
| 704.458333 | 0.352153 | 3.430649 | 11.360901 | 3.430649 |
| 702.266667 | 0.337092 | 3.301174 | 11.420572 | 3.301174 |
| 700.075 | 0.37 | 3.36 | 10.590222 | 3.36 |
| 697.883333 | 0.39 | 3.51 | 10.495666 | 3.51 |
| 695.691667 | 0.360379 | 3.655272 | 11.828449 | 3.655272 |
| 693.5 | 0.319102 | 3.047975 | 11.139079 | NaN |
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| 693.5 | 0.309103 | 3.027073 | 11.420572 | NaN |
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| 693.5 | 0.329052 | 3.354209 | 11.887565 | NaN |
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| 693.5 | 0.35 | 3.04 | 10.129151 | NaN |
| 693.5 | 0.398406 | 3.766751 | 11.025751 | NaN |
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| 693.5 | 0.34 | 3.18 | 10.907261 | NaN |
| 690.961538 | 0.37 | 3.46 | 10.905407 | 3.46 |
| 688.423077 | 0.37 | 3.37 | 10.62174 | 3.37 |
| 685.884615 | 0.38 | 3.58 | 10.986692 | 3.58 |
| 683.346154 | 0.39 | 3.67 | 10.974101 | 3.67 |
| 680.807692 | 0.42 | 3.74 | 10.384601 | 3.74 |
| 678.269231 | 0.42 | 3.87 | 10.745563 | 3.87 |
| 675.730769 | 0.42 | 3.77 | 10.4679 | 3.77 |
| 673.192308 | 0.42 | 3.84 | 10.662264 | 3.84 |
| 670.653846 | 0.39 | 3.57 | 10.675079 | 3.57 |
| 668.115385 | 0.39 | 3.51 | 10.495666 | 3.51 |
| 665.576923 | 0.37 | 3.5 | 11.031481 | 3.5 |
| 663.038462 | 0.37 | 3.36 | 10.590222 | NaN |
| 660.5 | 0.34 | 2.99 | 10.255569 | NaN |
| 660.5 | 0.34 | 3.12 | 10.701464 | NaN |
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| 660.5 | 0.2 | 1.95 | 11.370305 | NaN |
| 660.5 | 0.21 | 1.95 | 10.828862 | NaN |
| 660.5 | 0.18 | 1.66 | 10.754819 | NaN |
| 660.5 | 0.17 | 1.73 | 11.867649 | NaN |
| 660.5 | 0.17 | 1.74 | 11.936248 | NaN |
| 660.5 | 0.18 | 1.67 | 10.819607 | NaN |
| 660.5 | 0.17 | 1.63 | 11.181658 | NaN |
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| 660.5 | 0.33 | 3.02 | 10.672361 | NaN |
| 660.5 | 0.33 | 3.09 | 10.919734 | NaN |
| 657.854902 | 0.39 | 3.63 | 10.854493 | 3.63 |
| 655.209804 | 0.43 | 3.98 | 10.793993 | 3.98 |
| 652.564706 | 0.41 | 3.73 | 10.609441 | 3.73 |
| 649.919608 | 0.45 | 4.03 | 10.443836 | 4.03 |
| 647.27451 | 0.44 | 3.98 | 10.548675 | 3.98 |
| 644.629412 | 0.4 | 3.73 | 10.874677 | 3.73 |
| 641.984314 | 0.45 | 4.14 | 10.728903 | 4.14 |
| 639.339216 | 0.44 | 4.1 | 10.866725 | 4.1 |
| 636.694118 | 0.4 | 3.71 | 10.816367 | 3.71 |
| 634.04902 | 0.44 | 3.92 | 10.38965 | 3.92 |
| 631.403922 | 0.4 | 3.81 | 11.107914 | 3.81 |
| 628.758824 | 0.44 | 3.94 | 10.442658 | 3.94 |
| 626.113725 | 0.43 | 4.02 | 10.902475 | 4.02 |
| 623.468627 | 0.41 | 3.88 | 11.036094 | 3.88 |
| 620.823529 | 0.43 | 3.84 | 10.414305 | 3.84 |
| 618.178431 | 0.42 | 3.87 | 10.745563 | 3.87 |
| 615.533333 | 0.4 | 3.85 | 11.224532 | 3.85 |
| 612.888235 | 0.42 | 4.03 | 11.189824 | 4.03 |
| 610.243137 | 0.4 | 3.68 | 10.728903 | 3.68 |
| 607.598039 | 0.41 | 3.78 | 10.751658 | 3.78 |
| 604.952941 | 0.41 | 3.75 | 10.666328 | 3.75 |
| 602.307843 | 0.39 | 3.67 | 10.974101 | 3.67 |
| 599.662745 | 0.4 | 3.63 | 10.58313 | 3.63 |
| 597.017647 | 0.37 | 3.53 | 11.126037 | 3.53 |
| 594.372549 | 0.39 | 3.69 | 11.033906 | 3.69 |
| 591.727451 | 0.37 | 3.44 | 10.84237 | 3.44 |
| 589.082353 | 0.39 | 3.61 | 10.794688 | 3.61 |
| 586.437255 | 0.415 | 3.575 | 10.046053 | 3.575 |
| 583.792157 | 0.395 | 3.51 | 10.36281 | 3.51 |
| 581.147059 | 0.41 | 3.56 | 10.1259 | 3.56 |
| 578.501961 | 0.37 | 3.48 | 10.968444 | 3.48 |
| 575.856863 | 0.4 | 3.73 | 10.874677 | 3.73 |
| 573.211765 | 0.4 | 3.55 | 10.349893 | 3.55 |
| 570.566667 | 0.4 | 3.82 | 11.137068 | 3.82 |
| 567.921569 | 0.41 | 3.62 | 10.296562 | 3.62 |
| 565.276471 | 0.44 | 3.82 | 10.124607 | 3.82 |
| 562.631373 | 0.41 | 3.68 | 10.467223 | 3.68 |
| 559.986275 | 0.44 | 3.76 | 9.965582 | 3.76 |
| 557.341176 | 0.4 | 3.68 | 10.728903 | 3.68 |
| 554.696078 | 0.39 | 3.52 | 10.525569 | 3.52 |
| 552.05098 | 0.39 | 3.66 | 10.944199 | 3.66 |
| 549.405882 | 0.4 | 3.61 | 10.524821 | 3.61 |
| 546.760784 | 0.4 | 3.71 | 10.816367 | 3.71 |
| 544.115686 | 0.39 | 3.47 | 10.376058 | 3.47 |
| 541.470588 | 0.4 | 3.67 | 10.699749 | 3.67 |
| 538.82549 | 0.39 | 3.83 | 11.452536 | 3.83 |
| 536.180392 | 0.4 | 3.74 | 10.903831 | 3.74 |
| 533.535294 | 0.39 | 3.67 | 10.974101 | 3.67 |
| 530.890196 | 0.43 | 3.97 | 10.766872 | 3.97 |
| 528.245098 | 0.45 | 4.13 | 10.702988 | 4.13 |
| 525.6 | 0.44 | 4.09 | 10.840221 | 4.09 |
| 522.807143 | 0.45 | 3.94 | 10.210599 | 3.94 |
| 520.014286 | 0.39 | 3.7 | 11.063808 | 3.7 |
| 517.221429 | 0.44 | 3.925 | 10.402902 | 3.925 |
| 514.428571 | 0.41 | 3.87 | 11.00765 | 3.87 |
| 511.635714 | 0.41 | 3.88 | 11.036094 | 3.88 |
| 508.842857 | 0.4 | 3.76 | 10.96214 | 3.76 |
| 506.05 | 0.43 | 4.03 | 10.929596 | 4.03 |
| 503.257143 | 0.42 | 3.96 | 10.99546 | 3.96 |
| 500.464286 | 0.43 | 4.07 | 11.038078 | 4.07 |
| 497.671429 | 0.44 | 4.11 | 10.893229 | 4.11 |
| 494.878571 | 0.45 | 4.09 | 10.599327 | 4.09 |
| 492.085714 | 0.44 | 3.98 | 10.548675 | 3.98 |
| 489.292857 | 0.43 | 4.08 | 11.065199 | 4.08 |
| 486.5 | 0.43 | 4.04 | 10.956716 | 4.04 |
| 483.707143 | 0.4 | 3.85 | 11.224532 | 3.85 |
| 480.914286 | 0.44 | 3.98 | 10.548675 | 3.98 |
| 478.121429 | 0.41 | 3.95 | 11.235198 | 3.95 |
| 475.328571 | 0.44 | 3.96 | 10.495666 | 3.96 |
| 472.535714 | 0.43 | 3.91 | 10.604149 | 3.91 |
| 469.742857 | 0.42 | 3.89 | 10.801096 | 3.89 |
| 466.95 | 0.41 | 3.92 | 11.149868 | 3.92 |
| 464.157143 | 0.4 | 3.74 | 10.903831 | 3.74 |
| 461.364286 | 0.38 | 3.8 | 11.661852 | 3.8 |
| 458.571429 | 0.38 | 3.61 | 11.078759 | 3.61 |
| 455.778571 | 0.38 | 3.63 | 11.140137 | 3.63 |
| 452.985714 | 0.36 | 3.5 | 11.337911 | 3.5 |
| 450.192857 | 0.35 | 3.39 | 11.295336 | 3.39 |
| 447.4 | 0.28 | 2.72 | 11.328656 | NaN |
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| 444.275758 | 0.34 | 3.26 | 11.181658 | NaN |
| 441.151515 | 0.37 | 3.51 | 11.063 | 3.51 |
| 438.027273 | 0.39 | 3.66 | 10.944199 | 3.66 |
| 434.90303 | 0.44 | 3.71 | 9.833061 | 3.71 |
| 431.778788 | 0.42 | 3.74 | 10.384601 | 3.74 |
| 428.654545 | 0.41 | 3.63 | 10.325005 | 3.63 |
| 425.530303 | 0.42 | 3.76 | 10.440134 | 3.76 |
| 422.406061 | 0.42 | 3.81 | 10.578965 | 3.81 |
| 419.281818 | 0.37 | 3.7 | 11.661852 | 3.7 |
| 416.157576 | 0.4 | 3.74 | 10.903831 | 3.74 |
| 413.033333 | 0.41 | 3.65 | 10.381892 | 3.65 |
| 409.909091 | 0.39 | 3.45 | 10.316253 | 3.45 |
| 406.784848 | 0.4 | 3.65 | 10.64144 | 3.65 |
| 403.660606 | 0.38 | 3.61 | 11.078759 | 3.61 |
| 400.536364 | 0.38 | 3.61 | 11.078759 | 3.61 |
| 397.412121 | 0.37 | 3.39 | 10.684777 | 3.39 |
| 394.287879 | 0.41 | 3.61 | 10.268118 | 3.61 |
| 391.163636 | 0.37 | 3.35 | 10.558703 | 3.35 |
| 388.039394 | 0.37 | 3.63 | 11.441222 | 3.63 |
| 384.915152 | 0.39 | 3.53 | 10.555471 | 3.53 |
| 381.790909 | 0.42 | 3.52 | 9.773742 | 3.52 |
| 378.666667 | 0.39 | 3.59 | 10.734884 | 3.59 |
| 375.542424 | 0.38 | 3.46 | 10.618423 | 3.46 |
| 372.418182 | 0.42 | 3.67 | 10.190237 | 3.67 |
| 369.293939 | 0.42 | 3.99 | 11.078759 | 3.99 |
| 366.169697 | 0.41 | 3.69 | 10.495666 | 3.69 |
| 363.045455 | 0.38 | 3.56 | 10.925314 | 3.56 |
| 359.921212 | 0.4 | 3.64 | 10.612285 | 3.64 |
| 356.79697 | 0.4 | 3.66 | 10.670594 | 3.66 |
| 353.672727 | 0.38 | 3.65 | 11.201515 | 3.65 |
| 350.548485 | 0.38 | 3.37 | 10.342221 | 3.37 |
| 347.424242 | 0.39 | 3.45 | 10.316253 | 3.45 |
| 344.3 | 0.36 | 3.41 | 11.046365 | 3.41 |
| 341.910909 | 0.37 | 3.65 | 11.504259 | 3.65 |
| 339.521818 | 0.41 | 3.53 | 10.04057 | 3.53 |
| 337.132727 | 0.39 | 3.57 | 10.675079 | 3.57 |
| 334.743636 | 0.38 | 3.99 | 12.244944 | 3.99 |
| 332.354545 | 0.4 | 3.74 | 10.903831 | 3.74 |
| 329.965455 | 0.38 | 3.52 | 10.802557 | 3.52 |
| 327.576364 | 0.39 | 3.67 | 10.974101 | 3.67 |
| 325.187273 | 0.4 | 3.59 | 10.466512 | 3.59 |
| 322.798182 | 0.38 | 3.46 | 10.618423 | 3.46 |
| 320.409091 | 0.39 | 3.5 | 10.465764 | 3.5 |
| 318.02 | 0.42 | 3.83 | 10.634498 | 3.83 |
| 315.630909 | 0.41 | 4 | 11.377416 | 4 |
| 313.241818 | 0.37 | 3.4 | 10.716296 | 3.4 |
| 310.852727 | 0.4 | 3.51 | 10.233275 | 3.51 |
| 308.463636 | 0.4 | 3.64 | 10.612285 | 3.64 |
| 306.074545 | 0.43 | 3.69 | 10.007496 | 3.69 |
| 303.685455 | 0.41 | 3.65 | 10.381892 | 3.65 |
| 301.296364 | 0.37 | 3.37 | 10.62174 | 3.37 |
| 298.907273 | 0.38 | 3.51 | 10.771868 | 3.51 |
| 296.518182 | 0.39 | 3.45 | 10.316253 | 3.45 |
| 294.129091 | 0.32 | 3.07 | 11.188089 | 3.07 |
| 291.74 | 0.32 | 3 | 10.932986 | 3 |
| 289.350909 | 0.36 | 3.32 | 10.754819 | 3.32 |
| 286.961818 | 0.33 | 3.2 | 11.308462 | 3.2 |
| 284.572727 | 0.33 | 3.11 | 10.990412 | 3.11 |
| 282.183636 | 0.34 | 3.14 | 10.770063 | 3.14 |
| 279.794545 | 0.35 | 3.3 | 10.99546 | 3.3 |
| 278.082979 | 0.32 | 3.05 | 11.115202 | 3.05 |
| 276.014894 | 0.37 | 3.34 | 10.527185 | 3.34 |
| 273.946809 | 0.39 | 3.58 | 10.704982 | 3.58 |
| 271.878723 | 0.4 | 3.79 | 11.049604 | 3.79 |
| 269.810638 | 0.43 | 3.95 | 10.712631 | 3.95 |
| 267.742553 | 0.4 | 3.77 | 10.991295 | 3.77 |
| 265.674468 | 0.35 | 3.34 | 11.128738 | 3.34 |
| 263.606383 | 0.41 | 3.85 | 10.950763 | 3.85 |
| 261.538298 | 0.38 | 3.63 | 11.140137 | 3.63 |
| 259.470213 | 0.41 | 3.69 | 10.495666 | 3.69 |
| 257.402128 | 0.39 | 3.59 | 10.734884 | 3.59 |
| 255.334043 | 0.41 | 3.67 | 10.438779 | 3.67 |
| 253.265957 | 0.43 | 3.71 | 10.061737 | 3.71 |
| 251.197872 | 0.41 | 3.58 | 10.182787 | 3.58 |
| 249.129787 | NaN | NaN | NaN | NaN |
| 247.061702 | 0.41 | 3.83 | 10.893876 | 3.83 |
| 244.993617 | 0.42 | 3.78 | 10.495666 | 3.78 |
| 242.925532 | 0.45 | 3.98 | 10.31426 | 3.98 |
| 240.857447 | 0.43 | 3.88 | 10.522787 | 3.88 |
| 238.789362 | 0.44 | 3.91 | 10.363145 | 3.91 |
| 236.721277 | 0.43 | 3.83 | 10.387184 | 3.83 |
| 234.653191 | 0.42 | 3.8 | 10.551199 | 3.8 |
| 232.585106 | 0.39 | 3.56 | 10.645177 | 3.56 |
| 230.517021 | 0.4 | 3.64 | 10.612285 | 3.64 |
| 228.448936 | 0.41 | 3.79 | 10.780102 | 3.79 |
| 226.380851 | 0.42 | 3.75 | 10.412367 | 3.75 |
| 224.312766 | 0.44 | 3.76 | 9.965582 | 3.76 |
| 222.244681 | 0.4 | 3.59 | 10.466512 | 3.59 |
| 220.176596 | 0.38 | 3.52 | 10.802557 | 3.52 |
| 218.108511 | 0.4 | 3.63 | 10.58313 | 3.63 |
| 216.040426 | 0.4 | 3.58 | 10.437357 | 3.58 |
| 213.97234 | 0.4 | 3.47 | 10.116656 | 3.47 |
| 211.904255 | 0.36 | 3.35 | 10.852001 | 3.35 |
| 207.768085 | 0.36 | 3.07 | 9.944968 | NaN |
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| 197.248936 | 0.37 | 3.69 | 11.630333 | 3.69 |
| 195.13617 | 0.43 | 3.83 | 10.387184 | 3.83 |
| 193.023404 | 0.39 | 3.79 | 11.332927 | 3.79 |
| 190.910638 | 0.39 | 3.63 | 10.854493 | 3.63 |
| 188.797872 | 0.36 | 3.56 | 11.532275 | 3.56 |
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| 163.444681 | 0.38 | 3.53 | 10.833246 | 3.53 |
| 161.331915 | 0.39 | 3.56 | 10.645177 | 3.56 |
| 159.219149 | 0.41 | 3.64 | 10.353449 | 3.64 |
| 157.106383 | 0.36 | 3.59 | 11.629457 | 3.59 |
| 154.993617 | 0.38 | 3.51 | 10.771868 | 3.51 |
| 152.880851 | 0.36 | 3.47 | 11.240729 | 3.47 |
| 150.768085 | 0.36 | 3.46 | 11.208335 | 3.46 |
| 148.655319 | 0.41 | 3.51 | 9.983683 | 3.51 |
| 146.542553 | 0.35 | 3.45 | 11.495254 | 3.45 |
| 144.429787 | 0.35 | 3.26 | 10.862182 | 3.26 |
| 142.317021 | 0.39 | 3.44 | 10.286351 | 3.44 |
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| 135.978723 | 0.35 | 3.46 | 11.528573 | 3.46 |
| 133.865957 | 0.4 | 3.64 | 10.612285 | 3.64 |
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| 112.738298 | 0.38 | 3.67 | 11.262893 | 3.67 |
| 110.625532 | 0.41 | 3.6 | 10.239675 | 3.6 |
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| 106.4 | 0.34 | 3.34 | 11.456054 | 3.34 |
| 104.338462 | 0.42 | 3.77 | 10.4679 | 3.77 |
| 102.276923 | 0.37 | 3.38 | 10.653259 | 3.38 |
| 100.215385 | 0.37 | 3.28 | 10.338074 | 3.28 |
| 98.153846 | 0.39 | 3.46 | 10.346155 | 3.46 |
| 96.092308 | 0.38 | 3.41 | 10.464977 | 3.41 |
| 94.030769 | 0.32 | 3.24 | 11.807625 | 3.24 |
| 91.969231 | 0.38 | 3.25 | 9.973952 | 3.25 |
| 89.907692 | 0.37 | 3.28 | 10.338074 | 3.28 |
| 87.846154 | 0.38 | 3.5 | 10.741179 | 3.5 |
| 85.784615 | 0.37 | 3.43 | 10.810852 | 3.43 |
| 83.723077 | 0.43 | 3.9 | 10.577028 | 3.9 |
| 81.661538 | 0.39 | 3.5 | 10.465764 | 3.5 |
| 79.6 | 0.35 | 3.45 | 11.495254 | 3.45 |
| 77.538462 | 0.39 | 3.43 | 10.256449 | 3.43 |
| 75.476923 | 0.38 | 3.51 | 10.771868 | 3.51 |
| 73.415385 | 0.36 | 3.3 | 10.690031 | 3.3 |
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| 67.230769 | 0.36 | 3.33 | 10.787213 | 3.33 |
| 65.169231 | 0.35 | 3.25 | 10.828862 | 3.25 |
| 63.107692 | 0.35 | 3.24 | 10.795543 | 3.24 |
| 61.046154 | 0.33 | 2.91 | 10.283633 | 2.91 |
| 58.984615 | 0.32 | 2.92 | 10.64144 | 2.92 |
| 56.923077 | 0.3 | 3.05 | 11.856216 | 3.05 |
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| 43.27619 | 0.41 | 3.82 | 10.865432 | 3.82 |
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| 39.466667 | 0.41 | 3.68 | 10.467223 | 3.68 |
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| 35.657143 | 0.41 | 3.68 | 10.467223 | 3.68 |
| 33.752381 | 0.4 | 3.65 | 10.64144 | 3.65 |
| 31.847619 | 0.37 | 3.49 | 10.999963 | 3.49 |
| 29.942857 | 0.42 | 4.09 | 11.356422 | 4.09 |
| 28.038095 | 0.4 | 3.86 | 11.253687 | 3.86 |
| 26.133333 | 0.37 | 3.77 | 11.882481 | 3.77 |
| 24.228571 | 0.39 | 3.78 | 11.303025 | 3.78 |
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| 20.419048 | 0.37 | 3.42 | 10.779333 | 3.42 |
| 18.514286 | 0.38 | 3.72 | 11.416339 | 3.72 |
| 16.609524 | 0.34 | 3.04 | 10.427067 | 3.04 |
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| NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN |
| \*Flood and turbidite layers are shaded in blue and orange, respectively. | NaN | NaN | NaN | NaN |