

CalCOFI Cruise 9809

MACROZOOPLANKTON BIOMASS

Net Mesh Size: 0.505mm

| Line | Sta. | Latitude N | Longitude W | Date Mo/Day | Time (PST) | | Water Volume Strained (m ³) | Max. Tow Depth (m) | Volume per 1000 m ³ Strained | |
|------|------|------------|-------------|----------------|------------|------|--|-----------------------|--|--------------------------|
| | | | | | Start | End | | | Total (cm ³) | Small (cm ³) |
| 77 | 49 | 35 05.2 | 120 47.7 | 09/27 | 2135 | 2143 | 141 | 67 | 42 | 42 |
| 77 | 51 | 35 01.2 | 120 55.1 | 09/27 | 1918 | 1939 | 411 | 203 | 119 | 119 |
| 77 | 55 | 34 54.2 | 121 12.0 | 09/27 | 1614 | 1636 | 382 | 210 | 31 | 31 |
| 77 | 60 | 34 43.2 | 121 32.7 | 09/27 | 0934 | 0956 | 412 | 201 | 32 | 32 |
| 77 | 70 | 34 23.9 | 122 15.1 | 09/27 | 0444 | 0505 | 403 | 213 | 62 | 62 |
| 77 | 80 | 34 03.2 | 122 56.8 | 09/26 | 2253 | 2315 | 417 | 207 | 38 | 38 |
| 77 | 90 | 33 43.7 | 123 38.4 | 09/26 | 1713 | 1734 | 407 | 213 | 27 | 27 |
| 77 | 100 | 33 22.8 | 124 19.4 | 09/26 | 0845 | 0907 | 411 | 207 | 17 | 17 |
| 80 | 51 | 34 27.1 | 120 32.6 | 09/24 | 1903 | 1911 | 162 | 76 | 80 | 80 |
| 80 | 55 | 34 20.3 | 120 50.6 | 09/24 | 2216 | 2238 | 450 | 199 | 129 | 118 |
| 80 | 60 | 34 08.9 | 121 09.9 | 09/25 | 0211 | 0233 | 419 | 222 | 33 | 33 |
| 80 | 70 | 33 48.7 | 121 50.6 | 09/25 | 0839 | 0901 | 458 | 208 | 20 | 20 |
| 80 | 80 | 33 28.7 | 122 31.8 | 09/25 | 1659 | 1721 | 408 | 211 | 12 | 12 |
| 80 | 90 | 33 08.6 | 123 13.8 | 09/25 | 2234 | 2256 | 424 | 209 | 45 | 45 |
| 80 | 100 | 32 49.8 | 123 55.2 | 09/26 | 0414 | 0436 | 415 | 213 | 51 | 31 |
| 82 | 47 | 34 16.0 | 120 02.5 | 09/24 | 1502 | 1523 | 433 | 213 | 28 | 28 |
| 83 | 40.6 | 34 13.5 | 119 25.1 | 09/24 | 0652 | 0656 | 76 | 21 | 53 | 53 |
| 83 | 42 | 34 10.7 | 119 30.6 | 09/24 | 0757 | 0811 | 286 | 131 | 28 | 28 |
| 83 | 51 | 33 52.5 | 120 09.1 | 09/24 | 0026 | 0038 | 262 | 115 | 38 | 38 |
| 83 | 55 | 33 44.7 | 120 25.8 | 09/23 | 2120 | 2142 | 452 | 208 | 60 | 60 |
| 83 | 60 | 33 35.7 | 120 45.0 | 09/23 | 1739 | 1800 | 418 | 212 | 29 | 29 |
| 83 | 70 | 33 14.4 | 121 26.0 | 09/23 | 0909 | 0931 | 446 | 199 | 29 | 29 |
| 83 | 80 | 32 55.0 | 122 07.7 | 09/23 | 0433 | 0454 | 404 | 214 | 30 | 30 |
| 83 | 90 | 32 35.7 | 122 49.7 | 09/22 | 2239 | 2300 | 469 | 204 | 23 | 23 |
| 83 | 100 | 32 15.6 | 123 29.9 | 09/22 | 1646 | 1707 | 457 | 210 | 13 | 13 |
| 83 | 110 | 31 54.4 | 124 09.9 | 09/22 | 0901 | 0923 | 462 | 204 | 11 | 11 |
| 87 | 33 | 33 53.2 | 118 29.7 | 09/19 | 2022 | 2028 | 126 | 46 | 48 | 48 |
| 87 | 35 | 33 49.1 | 118 36.9 | 09/19 | 2253 | 2314 | 447 | 206 | 31 | 31 |
| 87 | 40 | 33 39.1 | 118 57.3 | 09/20 | 0308 | 0329 | 435 | 202 | 58 | 58 |
| 87 | 45 | 33 30.8 | 119 17.6 | 09/20 | 0722 | 0742 | 418 | 207 | 26 | 26 |
| 87 | 50 | 33 20.2 | 119 39.7 | 09/20 | 1208 | 1216 | 166 | 67 | 42 | 42 |
| 87 | 55 | 33 09.6 | 120 01.2 | 09/20 | 1647 | 1708 | 453 | 214 | 29 | 29 |
| 87 | 60 | 32 59.6 | 120 21.8 | 09/20 | 2047 | 2109 | 460 | 208 | 35 | 35 |
| 87 | 70 | 32 39.7 | 121 02.8 | 09/21 | 0239 | 0301 | 474 | 204 | 30 | 30 |
| 87 | 80 | 32 19.6 | 121 43.2 | 09/21 | 0723 | 0743 | 426 | 214 | 24 | 24 |
| 87 | 90 | 32 00.0 | 122 24.6 | 09/21 | 1647 | 1709 | 452 | 210 | 13 | 13 |
| 87 | 100 | 31 40.0 | 123 05.4 | 09/21 | 2226 | 2247 | 456 | 204 | 35 | 35 |
| 87 | 110 | 31 20.4 | 123 45.0 | 09/22 | 0417 | 0438 | 435 | 209 | 25 | 25 |
| 90 | 28 | 33 28.7 | 117 46.2 | 09/19 | 1125 | 1131 | 109 | 64 | 110 | 110 |
| 90 | 30 | 33 25.0 | 117 53.7 | 09/19 | 1435 | 1456 | 411 | 193 | 10 | 10 |
| 90 | 35 | 33 15.0 | 118 15.2 | 09/19 | 0549 | 0609 | 402 | 216 | 20 | 20 |
| 90 | 37 | 33 11.4 | 118 24.0 | 09/19 | 0252 | 0313 | 441 | 200 | 52 | 52 |
| 90 | 35 | 32 56.4 | 118 56.9 | 09/18 | 2142 | 2203 | 444 | 211 | 72 | 72 |
| 90 | 53 | 32 38.9 | 119 29.3 | 09/18 | 1602 | 1624 | 451 | 208 | 29 | 29 |
| 90 | 60 | 32 25.2 | 119 57.8 | 09/18 | 0704 | 0726 | 454 | 215 | 26 | 26 |
| 90 | 70 | 32 05.2 | 120 39.7 | 09/18 | 0145 | 0206 | 475 | 202 | 38 | 38 |
| 90 | 80 | 31 45.6 | 121 19.4 | 09/17 | 1938 | 1959 | 425 | 216 | 31 | 31 |
| 90 | 90 | 31 25.0 | 122 01.4 | 09/17 | 1329 | 1350 | 419 | 210 | 14 | 14 |
| 90 | 100 | 31 04.9 | 122 40.1 | 09/17 | 0612 | 0633 | 434 | 214 | 14 | 14 |
| 90 | 110 | 30 45.5 | 123 20.7 | 09/17 | 0023 | 0044 | 421 | 208 | 28 | 28 |
| 90 | 120 | 30 25.4 | 124 00.7 | 09/16 | 1844 | 1904 | 419 | 211 | 17 | 17 |
| 93 | 26.7 | 32 57.3 | 117 19.0 | 09/13 | 1159 | 1220 | 446 | 195 | 16 | 16 |
| 93 | 28 | 32 54.7 | 117 24.2 | 09/13 | 1453 | 1514 | 407 | 201 | 7 | 7 |
| 93 | 30 | 32 50.5 | 117 32.1 | 09/13 | 1826 | 1848 | 431 | 208 | 19 | 19 |
| 93 | 35 | 32 41.1 | 117 53.0 | 09/13 | 2216 | 2237 | 454 | 192 | 40 | 40 |
| 93 | 40 | 32 30.6 | 118 14.7 | 09/14 | 0216 | 0237 | 436 | 193 | 71 | 71 |
| 93 | 45 | 32 21.2 | 118 33.6 | 09/14 | 0723 | 0745 | 442 | 204 | 23 | 23 |
| 93 | 50 | 32 11.2 | 118 53.9 | 09/14 | 1257 | 1318 | 433 | 209 | 37 | 37 |
| 93 | 55 | 32 01.3 | 119 13.8 | 09/14 | 1743 | 1804 | 438 | 217 | 48 | 48 |
| 93 | 60 | 31 51.1 | 119 34.9 | 09/14 | 2145 | 2207 | 480 | 198 | 40 | 40 |
| 93 | 70 | 31 30.7 | 120 15.0 | 09/15 | 0339 | 0400 | 432 | 211 | 42 | 42 |
| 93 | 80 | 31 10.3 | 120 55.2 | 09/15 | 0822 | 0844 | 450 | 205 | 24 | 24 |
| 93 | 90 | 30 50.8 | 121 35.8 | 09/15 | 1638 | 1700 | 462 | 216 | 17 | 17 |
| 93 | 100 | 30 30.8 | 122 16.4 | 09/15 | 2211 | 2233 | 470 | 206 | 19 | 19 |
| 93 | 110 | 30 10.8 | 122 55.6 | 09/16 | 0316 | 0337 | 448 | 199 | 20 | 20 |
| 93 | 120 | 29 50.5 | 123 35.0 | 09/16 | 0922 | 0944 | 453 | 204 | 7 | 7 |

