Printing Input Parameters.....

| parameters | unit | values |
|---|---|---|
| Basin Area | sq mile | 5.0 |
| Avg_GL | feet-PWD | 3.5 |
| Highest Water Level ,RS | feet-PWD | 10.5 |
| Lowest Water Level,RS | feet-PWD | -6.5 |
| Moonsoon Lowest Water Level | feet-PWD | -5.4 |
| Embankment Crest Level | feet-PWD | 19.0 |
| Embankment Top Width | feet-PWD | 14.0 |
| C/S Slope (1:N) | nan | 2.0 |
| R/S Slope | nan | 3.0 |
| Invert Level | feet-PWD | -5.0 |
| Discharge/sq mile | cfs/sqmile | 27.702 |
| No Vent | nan | 3.0 |
| Vent Width | feet | 5.0 |
| Vent Height | feet | 6.0 |
| Pier_width | inch | 15.0 |
| Abutment_width | inch | 18.0 |
| flare_Angle_min | degree | 8.0 |
| flare_Angle_max | degree | 20.0 |
| glacis_drop_min | feet | 3.0 |
| glacis_drop_max | feet | 20.0 |
| Barrel Length | feet | 24.0 |
| cutoff_depth_min | min | 6.0 |

| | | |
|---|---|---|
| cutoff_depth_max | max | 19.68 |
| Laycey's Silt Factor | nan | 0.4 |
| maximum head difference | feet | 6.0 |
| Allowable Exit Gradient | nan | 0.143 |
| minimum_floor_thickness | feet | 1.5 |
| Top_slab_thickness | inch | 12.0 |
| unit weight of fill soil | pcf | 120.0 |
| friction Angle of fill soil | degree | 30.0 |
| surchrge height | feet | 6.0 |

Printing Stilling Basin Calcualtion in FPS unit.....

| Q | FAngle | g_drop | Bc | q | dc | vc | B1 | q1 | d1 | v1 | B2 | q2 | d2 | v2 | Fr1 | LJ | Eff | Del_E | Del_E(%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1107.17 | 8.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 23.03 | 48.076 | 2.179 | 22.061 | 32.573 | 33.991 | 7.1 | 4.788 | 2.634 | 33.951 | 80.2 | 1.925 | 19.8 |
| 1107.17 | 8.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 23.873 | 46.378 | 1.95 | 23.788 | 34.367 | 32.216 | 7.36 | 4.377 | 3.002 | 37.334 | 74.3 | 2.76 | 25.7 |
| 1107.17 | 8.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 24.716 | 44.795 | 1.768 | 25.337 | 35.947 | 30.8 | 7.559 | 4.075 | 3.358 | 39.956 | 69.0 | 3.633 | 31.0 |
| 1107.17 | 8.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 25.559 | 43.318 | 1.619 | 26.758 | 37.381 | 29.619 | 7.714 | 3.84 | 3.706 | 42.056 | 64.4 | 4.533 | 35.6 |
| 1107.17 | 8.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.403 | 41.934 | 1.493 | 28.08 | 38.707 | 28.604 | 7.838 | 3.649 | 4.049 | 43.777 | 60.3 | 5.454 | 39.7 |
| 1107.17 | 8.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 27.246 | 40.636 | 1.386 | 29.322 | 39.953 | 27.712 | 7.938 | 3.491 | 4.389 | 45.208 | 56.6 | 6.392 | 43.4 |
| 1107.17 | 8.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.089 | 39.416 | 1.292 | 30.499 | 41.135 | 26.915 | 8.019 | 3.356 | 4.728 | 46.414 | 53.3 | 7.342 | 46.7 |
| 1107.17 | 8.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.932 | 38.268 | 1.21 | 31.621 | 42.267 | 26.195 | 8.085 | 3.24 | 5.066 | 47.439 | 50.4 | 8.303 | 49.6 |
| 1107.17 | 8.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 29.776 | 37.184 | 1.137 | 32.696 | 43.357 | 25.536 | 8.14 | 3.137 | 5.403 | 48.317 | 47.7 | 9.273 | 52.3 |
| 1107.17 | 8.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.619 | 36.16 | 1.072 | 33.728 | 44.412 | 24.929 | 8.184 | 3.046 | 5.741 | 49.072 | 45.3 | 10.25 | 54.7 |
| 1107.17 | 8.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 31.462 | 35.191 | 1.013 | 34.724 | 45.439 | 24.366 | 8.22 | 2.964 | 6.079 | 49.725 | 43.1 | 11.232 | 56.9 |
| 1107.17 | 8.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 32.305 | 34.272 | 0.96 | 35.687 | 46.442 | 23.84 | 8.249 | 2.89 | 6.418 | 50.292 | 41.1 | 12.22 | 58.9 |
| 1107.17 | 8.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.149 | 33.4 | 0.912 | 36.621 | 47.423 | 23.347 | 8.272 | 2.822 | 6.758 | 50.784 | 39.2 | 13.211 | 60.8 |
| 1107.17 | 8.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.992 | 32.572 | 0.868 | 37.528 | 48.387 | 22.882 | 8.29 | 2.76 | 7.099 | 51.213 | 37.5 | 14.207 | 62.5 |
| 1107.17 | 8.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.835 | 31.783 | 0.827 | 38.41 | 49.335 | 22.442 | 8.304 | 2.703 | 7.441 | 51.588 | 35.9 | 15.205 | 64.1 |
| 1107.17 | 8.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.678 | 31.032 | 0.79 | 39.27 | 50.27 | 22.024 | 8.314 | 2.649 | 7.785 | 51.914 | 34.5 | 16.206 | 65.5 |
| 1107.17 | 8.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 36.522 | 30.316 | 0.756 | 40.109 | 51.194 | 21.627 | 8.321 | 2.599 | 8.13 | 52.198 | 33.1 | 17.21 | 66.9 |
| 1107.17 | 8.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.365 | 29.631 | 0.724 | 40.929 | 52.106 | 21.248 | 8.325 | 2.552 | 8.477 | 52.446 | 31.9 | 18.215 | 68.1 |
| 1107.17 | 9.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 23.351 | 47.415 | 2.144 | 22.112 | 34.114 | 32.455 | 7.069 | 4.592 | 2.661 | 33.977 | 79.8 | 1.969 | 20.2 |
| 1107.17 | 9.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 24.301 | 45.56 | 1.911 | 23.841 | 36.11 | 30.661 | 7.314 | 4.192 | 3.039 | 37.277 | 73.7 | 2.821 | 26.3 |
| 1107.17 | 9.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 25.252 | 43.846 | 1.727 | 25.39 | 37.862 | 29.242 | 7.497 | 3.901 | 3.405 | 39.811 | 68.4 | 3.709 | 31.6 |
| 1107.17 | 9.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.202 | 42.256 | 1.576 | 26.809 | 39.449 | 28.066 | 7.637 | 3.675 | 3.763 | 41.821 | 63.7 | 4.624 | 36.3 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1107.17 | 9.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 27.152 | 40.777 | 1.45 | 28.13 | 40.916 | 27.059 | 7.747 | 3.493 | 4.117 | 43.452 | 59.5 | 5.56 | 40.5 |
| 1107.17 | 9.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.102 | 39.398 | 1.341 | 29.371 | 42.292 | 26.179 | 7.834 | 3.342 | 4.469 | 44.796 | 55.8 | 6.51 | 44.2 |
| 1107.17 | 9.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 29.053 | 38.109 | 1.248 | 30.547 | 43.598 | 25.395 | 7.902 | 3.214 | 4.82 | 45.918 | 52.5 | 7.473 | 47.5 |
| 1107.17 | 9.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.003 | 36.902 | 1.165 | 31.667 | 44.847 | 24.688 | 7.957 | 3.103 | 5.17 | 46.861 | 49.5 | 8.446 | 50.5 |
| 1107.17 | 9.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.953 | 35.769 | 1.093 | 32.74 | 46.051 | 24.042 | 8.0 | 3.005 | 5.52 | 47.66 | 46.9 | 9.426 | 53.1 |
| 1107.17 | 9.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 31.904 | 34.704 | 1.028 | 33.771 | 47.217 | 23.449 | 8.034 | 2.919 | 5.871 | 48.341 | 44.4 | 10.413 | 55.6 |
| 1107.17 | 9.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 32.854 | 33.7 | 0.969 | 34.765 | 48.351 | 22.899 | 8.06 | 2.841 | 6.223 | 48.922 | 42.2 | 11.406 | 57.8 |
| 1107.17 | 9.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.804 | 32.752 | 0.917 | 35.727 | 49.459 | 22.386 | 8.079 | 2.771 | 6.576 | 49.421 | 40.2 | 12.402 | 59.8 |
| 1107.17 | 9.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.755 | 31.857 | 0.869 | 36.659 | 50.545 | 21.905 | 8.093 | 2.706 | 6.93 | 49.848 | 38.3 | 13.403 | 61.7 |
| 1107.17 | 9.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.705 | 31.009 | 0.825 | 37.564 | 51.612 | 21.452 | 8.103 | 2.647 | 7.286 | 50.216 | 36.6 | 14.406 | 63.4 |
| 1107.17 | 9.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 36.655 | 30.205 | 0.786 | 38.445 | 52.662 | 21.024 | 8.109 | 2.593 | 7.644 | 50.531 | 35.1 | 15.412 | 64.9 |
| 1107.17 | 9.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.606 | 29.442 | 0.749 | 39.304 | 53.698 | 20.619 | 8.112 | 2.542 | 8.003 | 50.801 | 33.6 | 16.421 | 66.4 |
| 1107.17 | 9.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 38.556 | 28.716 | 0.715 | 40.142 | 54.721 | 20.233 | 8.111 | 2.494 | 8.364 | 51.033 | 32.3 | 17.431 | 67.7 |
| 1107.17 | 9.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.506 | 28.025 | 0.684 | 40.961 | 55.734 | 19.865 | 8.109 | 2.45 | 8.727 | 51.23 | 31.0 | 18.442 | 69.0 |
| 1107.17 | 10.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 23.674 | 46.768 | 2.11 | 22.162 | 35.663 | 31.045 | 7.037 | 4.411 | 2.688 | 33.997 | 79.3 | 2.014 | 20.7 |
| 1107.17 | 10.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 24.732 | 44.767 | 1.874 | 23.891 | 37.856 | 29.247 | 7.267 | 4.025 | 3.076 | 37.214 | 73.2 | 2.88 | 26.8 |
| 1107.17 | 10.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 25.79 | 42.931 | 1.688 | 25.439 | 39.776 | 27.835 | 7.435 | 3.744 | 3.451 | 39.661 | 67.8 | 3.784 | 32.2 |
| 1107.17 | 10.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.848 | 41.239 | 1.535 | 26.858 | 41.512 | 26.671 | 7.562 | 3.527 | 3.82 | 41.583 | 63.0 | 4.713 | 37.0 |
| 1107.17 | 10.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 27.906 | 39.675 | 1.408 | 28.177 | 43.115 | 25.679 | 7.659 | 3.353 | 4.185 | 43.129 | 58.8 | 5.661 | 41.2 |
| 1107.17 | 10.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.964 | 38.226 | 1.299 | 29.417 | 44.618 | 24.814 | 7.733 | 3.209 | 4.548 | 44.39 | 55.0 | 6.624 | 45.0 |
| 1107.17 | 10.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.022 | 36.879 | 1.206 | 30.591 | 46.043 | 24.046 | 7.79 | 3.087 | 4.91 | 45.431 | 51.7 | 7.599 | 48.3 |
| 1107.17 | 10.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 31.08 | 35.624 | 1.123 | 31.71 | 47.407 | 23.355 | 7.833 | 2.981 | 5.272 | 46.299 | 48.7 | 8.582 | 51.3 |
| 1107.17 | 10.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 32.138 | 34.451 | 1.051 | 32.781 | 48.721 | 22.725 | 7.866 | 2.889 | 5.635 | 47.025 | 46.0 | 9.573 | 54.0 |
| 1107.17 | 10.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.196 | 33.353 | 0.986 | 33.81 | 49.995 | 22.146 | 7.89 | 2.807 | 5.999 | 47.637 | 43.6 | 10.569 | 56.4 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1107.17 | 10.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.254 | 32.323 | 0.929 | 34.803 | 51.235 | 21.61 | 7.907 | 2.733 | 6.364 | 48.153 | 41.4 | 11.57 | 58.6 |
| 1107.17 | 10.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.311 | 31.354 | 0.877 | 35.763 | 52.447 | 21.11 | 7.919 | 2.666 | 6.731 | 48.589 | 39.4 | 12.575 | 60.6 |
| 1107.17 | 10.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 36.369 | 30.442 | 0.83 | 36.694 | 53.635 | 20.643 | 7.925 | 2.605 | 7.099 | 48.958 | 37.5 | 13.583 | 62.5 |
| 1107.17 | 10.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.427 | 29.582 | 0.787 | 37.598 | 54.803 | 20.203 | 7.927 | 2.548 | 7.47 | 49.27 | 35.8 | 14.593 | 64.2 |
| 1107.17 | 10.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 38.485 | 28.769 | 0.748 | 38.477 | 55.953 | 19.787 | 7.926 | 2.496 | 7.842 | 49.533 | 34.3 | 15.606 | 65.7 |
| 1107.17 | 10.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.543 | 27.999 | 0.712 | 39.334 | 57.089 | 19.394 | 7.922 | 2.448 | 8.216 | 49.754 | 32.8 | 16.62 | 67.2 |
| 1107.17 | 10.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 40.601 | 27.269 | 0.679 | 40.171 | 58.212 | 19.02 | 7.916 | 2.403 | 8.592 | 49.938 | 31.5 | 17.636 | 68.5 |
| 1107.17 | 10.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 41.659 | 26.577 | 0.648 | 40.989 | 59.324 | 18.663 | 7.908 | 2.36 | 8.971 | 50.09 | 30.2 | 18.653 | 69.8 |
| 1107.17 | 11.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 23.999 | 46.134 | 2.077 | 22.21 | 37.221 | 29.746 | 7.006 | 4.246 | 2.716 | 34.011 | 78.9 | 2.057 | 21.1 |
| 1107.17 | 11.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 25.165 | 43.996 | 1.838 | 23.939 | 39.606 | 27.955 | 7.221 | 3.871 | 3.112 | 37.146 | 72.6 | 2.939 | 27.4 |
| 1107.17 | 11.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.331 | 42.048 | 1.65 | 25.487 | 41.69 | 26.557 | 7.375 | 3.601 | 3.497 | 39.507 | 67.1 | 3.857 | 32.9 |
| 1107.17 | 11.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 27.498 | 40.264 | 1.497 | 26.905 | 43.571 | 25.411 | 7.489 | 3.393 | 3.876 | 41.345 | 62.3 | 4.799 | 37.7 |
| 1107.17 | 11.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.664 | 38.626 | 1.369 | 28.222 | 45.306 | 24.438 | 7.573 | 3.227 | 4.251 | 42.808 | 58.1 | 5.76 | 41.9 |
| 1107.17 | 11.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 29.83 | 37.116 | 1.26 | 29.46 | 46.932 | 23.591 | 7.635 | 3.09 | 4.625 | 43.99 | 54.3 | 6.735 | 45.7 |
| 1107.17 | 11.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.997 | 35.719 | 1.166 | 30.632 | 48.474 | 22.841 | 7.681 | 2.974 | 4.999 | 44.956 | 50.9 | 7.72 | 49.1 |
| 1107.17 | 11.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 32.163 | 34.424 | 1.084 | 31.749 | 49.949 | 22.166 | 7.715 | 2.873 | 5.373 | 45.751 | 47.9 | 8.713 | 52.1 |
| 1107.17 | 11.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.329 | 33.219 | 1.012 | 32.819 | 51.372 | 21.552 | 7.738 | 2.785 | 5.749 | 46.41 | 45.2 | 9.712 | 54.8 |
| 1107.17 | 11.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.495 | 32.096 | 0.948 | 33.846 | 52.751 | 20.989 | 7.754 | 2.707 | 6.125 | 46.958 | 42.8 | 10.717 | 57.2 |
| 1107.17 | 11.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.662 | 31.047 | 0.891 | 34.837 | 54.094 | 20.467 | 7.763 | 2.637 | 6.503 | 47.414 | 40.6 | 11.726 | 59.4 |
| 1107.17 | 11.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 36.828 | 30.063 | 0.84 | 35.796 | 55.408 | 19.982 | 7.767 | 2.573 | 6.883 | 47.794 | 38.6 | 12.738 | 61.4 |
| 1107.17 | 11.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.994 | 29.141 | 0.793 | 36.725 | 56.697 | 19.528 | 7.766 | 2.515 | 7.266 | 48.11 | 36.7 | 13.752 | 63.3 |
| 1107.17 | 11.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.161 | 28.273 | 0.751 | 37.628 | 57.966 | 19.101 | 7.762 | 2.461 | 7.65 | 48.372 | 35.0 | 14.769 | 65.0 |
| 1107.17 | 11.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 40.327 | 27.455 | 0.713 | 38.506 | 59.216 | 18.697 | 7.755 | 2.411 | 8.036 | 48.587 | 33.5 | 15.787 | 66.5 |
| 1107.17 | 11.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 41.493 | 26.683 | 0.678 | 39.362 | 60.451 | 18.315 | 7.745 | 2.365 | 8.425 | 48.764 | 32.1 | 16.807 | 67.9 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1107.17 | 11.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 42.659 | 25.954 | 0.646 | 40.198 | 61.672 | 17.953 | 7.734 | 2.321 | 8.816 | 48.906 | 30.7 | 17.828 | 69.3 |
| 1107.17 | 11.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 43.826 | 25.263 | 0.616 | 41.014 | 62.882 | 17.607 | 7.72 | 2.281 | 9.209 | 49.019 | 29.5 | 18.85 | 70.5 |
| 1107.17 | 12.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 24.326 | 45.514 | 2.045 | 22.256 | 38.788 | 28.544 | 6.975 | 4.092 | 2.743 | 34.019 | 78.4 | 2.1 | 21.6 |
| 1107.17 | 12.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 25.601 | 43.247 | 1.803 | 23.986 | 41.361 | 26.768 | 7.176 | 3.73 | 3.148 | 37.072 | 72.1 | 2.997 | 27.9 |
| 1107.17 | 12.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.877 | 41.195 | 1.613 | 25.533 | 43.605 | 25.391 | 7.316 | 3.471 | 3.542 | 39.35 | 66.5 | 3.928 | 33.5 |
| 1107.17 | 12.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.152 | 39.328 | 1.459 | 26.949 | 45.626 | 24.266 | 7.417 | 3.272 | 3.931 | 41.105 | 61.7 | 4.883 | 38.3 |
| 1107.17 | 12.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 29.427 | 37.624 | 1.331 | 28.265 | 47.49 | 23.314 | 7.489 | 3.113 | 4.317 | 42.489 | 57.4 | 5.856 | 42.6 |
| 1107.17 | 12.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.703 | 36.061 | 1.222 | 29.501 | 49.236 | 22.487 | 7.541 | 2.982 | 4.702 | 43.596 | 53.6 | 6.841 | 46.4 |
| 1107.17 | 12.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 31.978 | 34.623 | 1.129 | 30.672 | 50.891 | 21.756 | 7.577 | 2.871 | 5.087 | 44.49 | 50.2 | 7.836 | 49.8 |
| 1107.17 | 12.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.253 | 33.295 | 1.047 | 31.787 | 52.476 | 21.098 | 7.601 | 2.776 | 5.473 | 45.219 | 47.2 | 8.838 | 52.8 |
| 1107.17 | 12.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.529 | 32.065 | 0.976 | 32.854 | 54.005 | 20.501 | 7.616 | 2.692 | 5.861 | 45.815 | 44.5 | 9.846 | 55.5 |
| 1107.17 | 12.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.804 | 30.923 | 0.913 | 33.88 | 55.488 | 19.953 | 7.623 | 2.617 | 6.25 | 46.303 | 42.1 | 10.858 | 57.9 |
| 1107.17 | 12.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.079 | 29.859 | 0.856 | 34.87 | 56.934 | 19.447 | 7.625 | 2.55 | 6.641 | 46.704 | 39.8 | 11.874 | 60.2 |
| 1107.17 | 12.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 38.355 | 28.867 | 0.806 | 35.827 | 58.349 | 18.975 | 7.622 | 2.49 | 7.034 | 47.032 | 37.8 | 12.892 | 62.2 |
| 1107.17 | 12.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.63 | 27.938 | 0.76 | 36.754 | 59.738 | 18.534 | 7.615 | 2.434 | 7.429 | 47.3 | 36.0 | 13.913 | 64.0 |
| 1107.17 | 12.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 40.905 | 27.067 | 0.719 | 37.656 | 61.105 | 18.119 | 7.605 | 2.382 | 7.827 | 47.516 | 34.3 | 14.935 | 65.7 |
| 1107.17 | 12.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 42.181 | 26.248 | 0.681 | 38.533 | 62.454 | 17.728 | 7.593 | 2.335 | 8.227 | 47.689 | 32.8 | 15.958 | 67.2 |
| 1107.17 | 12.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 43.456 | 25.478 | 0.647 | 39.388 | 63.788 | 17.357 | 7.578 | 2.29 | 8.63 | 47.826 | 31.3 | 16.983 | 68.7 |
| 1107.17 | 12.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 44.731 | 24.752 | 0.615 | 40.222 | 65.108 | 17.005 | 7.562 | 2.249 | 9.036 | 47.931 | 30.0 | 18.008 | 70.0 |
| 1107.17 | 12.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 46.007 | 24.065 | 0.586 | 41.038 | 66.416 | 16.67 | 7.544 | 2.21 | 9.444 | 48.009 | 28.8 | 19.034 | 71.2 |
| 1107.17 | 13.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 24.656 | 44.905 | 2.014 | 22.302 | 40.364 | 27.429 | 6.944 | 3.95 | 2.77 | 34.021 | 78.0 | 2.143 | 22.0 |
| 1107.17 | 13.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.041 | 42.517 | 1.769 | 24.031 | 43.122 | 25.675 | 7.131 | 3.601 | 3.184 | 36.994 | 71.6 | 3.054 | 28.4 |
| 1107.17 | 13.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 27.426 | 40.369 | 1.578 | 25.577 | 45.521 | 24.322 | 7.258 | 3.351 | 3.588 | 39.189 | 65.9 | 3.998 | 34.1 |
| 1107.17 | 13.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.811 | 38.428 | 1.424 | 26.992 | 47.68 | 23.221 | 7.346 | 3.161 | 3.987 | 40.865 | 61.0 | 4.966 | 39.0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1107.17 | 13.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.196 | 36.666 | 1.295 | 28.306 | 49.669 | 22.291 | 7.407 | 3.009 | 4.383 | 42.173 | 56.7 | 5.949 | 43.3 |
| 1107.17 | 13.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 31.582 | 35.057 | 1.187 | 29.54 | 51.532 | 21.485 | 7.449 | 2.884 | 4.779 | 43.207 | 52.9 | 6.944 | 47.1 |
| 1107.17 | 13.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 32.967 | 33.584 | 1.094 | 30.709 | 53.299 | 20.773 | 7.475 | 2.779 | 5.175 | 44.034 | 49.5 | 7.948 | 50.5 |
| 1107.17 | 13.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.352 | 32.23 | 1.013 | 31.822 | 54.992 | 20.134 | 7.491 | 2.688 | 5.572 | 44.7 | 46.5 | 8.958 | 53.5 |
| 1107.17 | 13.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.737 | 30.981 | 0.942 | 32.887 | 56.625 | 19.553 | 7.498 | 2.608 | 5.971 | 45.237 | 43.8 | 9.974 | 56.2 |
| 1107.17 | 13.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.123 | 29.825 | 0.879 | 33.912 | 58.21 | 19.02 | 7.498 | 2.537 | 6.372 | 45.67 | 41.3 | 10.993 | 58.7 |
| 1107.17 | 13.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 38.508 | 28.752 | 0.824 | 34.9 | 59.757 | 18.528 | 7.493 | 2.473 | 6.776 | 46.02 | 39.1 | 12.015 | 60.9 |
| 1107.17 | 13.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.893 | 27.754 | 0.774 | 35.855 | 61.272 | 18.07 | 7.484 | 2.414 | 7.182 | 46.301 | 37.1 | 13.039 | 62.9 |
| 1107.17 | 13.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 41.278 | 26.822 | 0.729 | 36.782 | 62.76 | 17.641 | 7.472 | 2.361 | 7.59 | 46.524 | 35.3 | 14.065 | 64.7 |
| 1107.17 | 13.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 42.663 | 25.951 | 0.689 | 37.681 | 64.226 | 17.239 | 7.457 | 2.312 | 8.002 | 46.699 | 33.6 | 15.092 | 66.4 |
| 1107.17 | 13.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 44.049 | 25.135 | 0.652 | 38.557 | 65.674 | 16.859 | 7.439 | 2.266 | 8.416 | 46.834 | 32.1 | 16.12 | 67.9 |
| 1107.17 | 13.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 45.434 | 24.369 | 0.618 | 39.411 | 67.105 | 16.499 | 7.421 | 2.223 | 8.832 | 46.935 | 30.7 | 17.149 | 69.3 |
| 1107.17 | 13.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 46.819 | 23.648 | 0.588 | 40.244 | 68.524 | 16.157 | 7.4 | 2.183 | 9.252 | 47.007 | 29.4 | 18.178 | 70.6 |
| 1107.17 | 13.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 48.204 | 22.968 | 0.559 | 41.059 | 69.931 | 15.832 | 7.379 | 2.146 | 9.674 | 47.054 | 28.2 | 19.207 | 71.8 |
| 1107.17 | 14.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 24.988 | 44.308 | 1.983 | 22.346 | 41.952 | 26.392 | 6.913 | 3.818 | 2.797 | 34.019 | 77.6 | 2.186 | 22.4 |
| 1107.17 | 14.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.484 | 41.806 | 1.736 | 24.075 | 44.89 | 24.664 | 7.086 | 3.481 | 3.22 | 36.911 | 71.0 | 3.11 | 29.0 |
| 1107.17 | 14.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 27.98 | 39.57 | 1.545 | 25.62 | 47.44 | 23.338 | 7.2 | 3.241 | 3.633 | 39.026 | 65.3 | 4.067 | 34.7 |
| 1107.17 | 14.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 29.476 | 37.562 | 1.39 | 27.033 | 49.733 | 22.262 | 7.277 | 3.059 | 4.041 | 40.625 | 60.4 | 5.046 | 39.6 |
| 1107.17 | 14.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.972 | 35.748 | 1.261 | 28.345 | 51.845 | 21.356 | 7.328 | 2.914 | 4.448 | 41.858 | 56.0 | 6.04 | 44.0 |
| 1107.17 | 14.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 32.468 | 34.101 | 1.153 | 29.577 | 53.822 | 20.571 | 7.359 | 2.795 | 4.854 | 42.824 | 52.2 | 7.044 | 47.8 |
| 1107.17 | 14.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.964 | 32.599 | 1.06 | 30.743 | 55.699 | 19.878 | 7.377 | 2.694 | 5.261 | 43.587 | 48.8 | 8.056 | 51.2 |
| 1107.17 | 14.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.46 | 31.223 | 0.98 | 31.855 | 57.497 | 19.256 | 7.385 | 2.607 | 5.67 | 44.193 | 45.8 | 9.074 | 54.2 |
| 1107.17 | 14.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 36.956 | 29.959 | 0.91 | 32.919 | 59.233 | 18.692 | 7.385 | 2.531 | 6.081 | 44.675 | 43.1 | 10.096 | 56.9 |
| 1107.17 | 14.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 38.452 | 28.794 | 0.848 | 33.941 | 60.92 | 18.174 | 7.379 | 2.463 | 6.494 | 45.058 | 40.6 | 11.122 | 59.4 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1107.17 | 14.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.948 | 27.716 | 0.794 | 34.928 | 62.567 | 17.696 | 7.368 | 2.402 | 6.91 | 45.361 | 38.4 | 12.149 | 61.6 |
| 1107.17 | 14.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 41.444 | 26.715 | 0.745 | 35.882 | 64.181 | 17.251 | 7.353 | 2.346 | 7.328 | 45.598 | 36.4 | 13.179 | 63.6 |
| 1107.17 | 14.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 42.94 | 25.784 | 0.701 | 36.807 | 65.768 | 16.834 | 7.335 | 2.295 | 7.75 | 45.78 | 34.6 | 14.209 | 65.4 |
| 1107.17 | 14.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 44.435 | 24.916 | 0.661 | 37.705 | 67.333 | 16.443 | 7.316 | 2.248 | 8.174 | 45.918 | 33.0 | 15.241 | 67.0 |
| 1107.17 | 14.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 45.931 | 24.105 | 0.625 | 38.58 | 68.879 | 16.074 | 7.294 | 2.204 | 8.601 | 46.018 | 31.4 | 16.273 | 68.6 |
| 1107.17 | 14.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 47.427 | 23.345 | 0.592 | 39.432 | 70.409 | 15.725 | 7.271 | 2.163 | 9.031 | 46.087 | 30.0 | 17.305 | 70.0 |
| 1107.17 | 14.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 48.923 | 22.631 | 0.562 | 40.265 | 71.926 | 15.393 | 7.247 | 2.124 | 9.465 | 46.129 | 28.7 | 18.338 | 71.3 |
| 1107.17 | 14.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 50.419 | 21.959 | 0.535 | 41.078 | 73.431 | 15.078 | 7.223 | 2.088 | 9.901 | 46.148 | 27.6 | 19.371 | 72.4 |
| 1107.17 | 15.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 25.323 | 43.722 | 1.953 | 22.389 | 43.55 | 25.423 | 6.882 | 3.694 | 2.823 | 34.012 | 77.1 | 2.228 | 22.9 |
| 1107.17 | 15.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.931 | 41.112 | 1.705 | 24.118 | 46.665 | 23.726 | 7.041 | 3.369 | 3.255 | 36.824 | 70.5 | 3.166 | 29.5 |
| 1107.17 | 15.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.538 | 38.796 | 1.512 | 25.661 | 49.364 | 22.429 | 7.144 | 3.14 | 3.678 | 38.86 | 64.8 | 4.135 | 35.2 |
| 1107.17 | 15.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.146 | 36.727 | 1.357 | 27.072 | 51.788 | 21.379 | 7.209 | 2.965 | 4.096 | 40.383 | 59.8 | 5.124 | 40.2 |
| 1107.17 | 15.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 31.754 | 34.867 | 1.229 | 28.382 | 54.019 | 20.496 | 7.25 | 2.827 | 4.513 | 41.547 | 55.4 | 6.128 | 44.6 |
| 1107.17 | 15.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.362 | 33.187 | 1.121 | 29.612 | 56.109 | 19.733 | 7.272 | 2.713 | 4.929 | 42.447 | 51.5 | 7.141 | 48.5 |
| 1107.17 | 15.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.969 | 31.661 | 1.029 | 30.776 | 58.093 | 19.059 | 7.282 | 2.617 | 5.347 | 43.149 | 48.1 | 8.161 | 51.9 |
| 1107.17 | 15.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 36.577 | 30.27 | 0.949 | 31.886 | 59.995 | 18.454 | 7.283 | 2.534 | 5.767 | 43.699 | 45.1 | 9.186 | 54.9 |
| 1107.17 | 15.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 38.185 | 28.995 | 0.88 | 32.948 | 61.834 | 17.906 | 7.276 | 2.461 | 6.189 | 44.13 | 42.4 | 10.214 | 57.6 |
| 1107.17 | 15.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.792 | 27.824 | 0.819 | 33.969 | 63.621 | 17.403 | 7.263 | 2.396 | 6.614 | 44.465 | 40.0 | 11.246 | 60.0 |
| 1107.17 | 15.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 41.4 | 26.743 | 0.765 | 34.954 | 65.367 | 16.938 | 7.247 | 2.337 | 7.042 | 44.724 | 37.8 | 12.278 | 62.2 |
| 1107.17 | 15.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 43.008 | 25.744 | 0.717 | 35.906 | 67.081 | 16.505 | 7.227 | 2.284 | 7.473 | 44.92 | 35.8 | 13.313 | 64.2 |
| 1107.17 | 15.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 44.615 | 24.816 | 0.674 | 36.83 | 68.766 | 16.101 | 7.205 | 2.235 | 7.907 | 45.066 | 34.0 | 14.347 | 66.0 |
| 1107.17 | 15.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 46.223 | 23.953 | 0.635 | 37.727 | 70.429 | 15.72 | 7.181 | 2.189 | 8.344 | 45.17 | 32.3 | 15.383 | 67.7 |
| 1107.17 | 15.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 47.831 | 23.148 | 0.6 | 38.601 | 72.074 | 15.362 | 7.156 | 2.147 | 8.784 | 45.238 | 30.8 | 16.418 | 69.2 |
| 1107.17 | 15.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 49.439 | 22.395 | 0.568 | 39.452 | 73.703 | 15.022 | 7.13 | 2.107 | 9.228 | 45.277 | 29.4 | 17.454 | 70.6 |

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| 1107.17 | 15.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 51.046 | 21.69 | 0.538 | 40.284 | 75.318 | 14.7 | 7.102 | 2.07 | 9.675 | 45.292 | 28.2 | 18.489 | 71.8 |
| 1107.17 | 15.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 52.654 | 21.027 | 0.512 | 41.096 | 76.923 | 14.393 | 7.075 | 2.034 | 10.125 | 45.286 | 27.0 | 19.525 | 73.0 |
| 1107.17 | 16.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 25.661 | 43.145 | 1.923 | 22.432 | 45.16 | 24.517 | 6.851 | 3.579 | 2.85 | 34.0 | 76.7 | 2.27 | 23.3 |
| 1107.17 | 16.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 27.382 | 40.434 | 1.674 | 24.159 | 48.448 | 22.853 | 6.997 | 3.266 | 3.291 | 36.733 | 70.0 | 3.221 | 30.0 |
| 1107.17 | 16.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 29.102 | 38.044 | 1.48 | 25.7 | 51.292 | 21.586 | 7.088 | 3.045 | 3.723 | 38.692 | 64.2 | 4.201 | 35.8 |
| 1107.17 | 16.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.823 | 35.921 | 1.325 | 27.109 | 53.844 | 20.563 | 7.143 | 2.879 | 4.15 | 40.142 | 59.2 | 5.201 | 40.8 |
| 1107.17 | 16.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 32.543 | 34.022 | 1.197 | 28.417 | 56.193 | 19.703 | 7.174 | 2.747 | 4.577 | 41.237 | 54.8 | 6.214 | 45.2 |
| 1107.17 | 16.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.264 | 32.313 | 1.09 | 29.645 | 58.393 | 18.961 | 7.188 | 2.638 | 5.004 | 42.075 | 50.9 | 7.235 | 49.1 |
| 1107.17 | 16.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.984 | 30.768 | 0.999 | 30.808 | 60.484 | 18.305 | 7.19 | 2.546 | 5.433 | 42.72 | 47.5 | 8.262 | 52.5 |
| 1107.17 | 16.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.705 | 29.364 | 0.92 | 31.915 | 62.489 | 17.718 | 7.183 | 2.467 | 5.864 | 43.217 | 44.5 | 9.294 | 55.5 |
| 1107.17 | 16.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.425 | 28.083 | 0.852 | 32.976 | 64.429 | 17.185 | 7.17 | 2.397 | 6.297 | 43.599 | 41.8 | 10.328 | 58.2 |
| 1107.17 | 16.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 41.146 | 26.909 | 0.792 | 33.995 | 66.316 | 16.695 | 7.152 | 2.334 | 6.734 | 43.89 | 39.3 | 11.365 | 60.7 |
| 1107.17 | 16.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 42.866 | 25.829 | 0.738 | 34.978 | 68.162 | 16.243 | 7.131 | 2.278 | 7.173 | 44.108 | 37.2 | 12.402 | 62.8 |
| 1107.17 | 16.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 44.587 | 24.832 | 0.691 | 35.93 | 69.973 | 15.823 | 7.107 | 2.226 | 7.616 | 44.267 | 35.2 | 13.44 | 64.8 |
| 1107.17 | 16.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 46.307 | 23.909 | 0.649 | 36.852 | 71.758 | 15.429 | 7.08 | 2.179 | 8.063 | 44.379 | 33.4 | 14.479 | 66.6 |
| 1107.17 | 16.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 48.028 | 23.053 | 0.611 | 37.748 | 73.52 | 15.06 | 7.053 | 2.135 | 8.512 | 44.451 | 31.7 | 15.518 | 68.3 |
| 1107.17 | 16.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 49.748 | 22.256 | 0.576 | 38.62 | 75.263 | 14.711 | 7.024 | 2.094 | 8.966 | 44.49 | 30.2 | 16.557 | 69.8 |
| 1107.17 | 16.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 51.469 | 21.512 | 0.545 | 39.471 | 76.991 | 14.381 | 6.995 | 2.056 | 9.422 | 44.503 | 28.9 | 17.595 | 71.1 |
| 1107.17 | 16.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 53.189 | 20.816 | 0.517 | 40.301 | 78.705 | 14.067 | 6.965 | 2.02 | 9.882 | 44.493 | 27.6 | 18.633 | 72.4 |
| 1107.17 | 16.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 54.909 | 20.164 | 0.49 | 41.113 | 80.409 | 13.769 | 6.935 | 1.986 | 10.346 | 44.465 | 26.4 | 19.671 | 73.6 |
| 1107.17 | 17.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.003 | 42.578 | 1.895 | 22.473 | 46.783 | 23.666 | 6.82 | 3.47 | 2.877 | 33.984 | 76.3 | 2.312 | 23.7 |
| 1107.17 | 17.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 27.838 | 39.773 | 1.644 | 24.199 | 50.241 | 22.037 | 6.954 | 3.169 | 3.326 | 36.639 | 69.5 | 3.275 | 30.5 |
| 1107.17 | 17.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 29.672 | 37.314 | 1.45 | 25.739 | 53.227 | 20.801 | 7.033 | 2.958 | 3.767 | 38.522 | 63.6 | 4.267 | 36.4 |
| 1107.17 | 17.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 31.506 | 35.141 | 1.295 | 27.145 | 55.904 | 19.805 | 7.077 | 2.798 | 4.204 | 39.901 | 58.6 | 5.277 | 41.4 |

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| 1107.17 | 17.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.341 | 33.208 | 1.167 | 28.451 | 58.368 | 18.969 | 7.099 | 2.672 | 4.641 | 40.93 | 54.2 | 6.298 | 45.8 |
| 1107.17 | 17.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.175 | 31.476 | 1.061 | 29.677 | 60.678 | 18.247 | 7.105 | 2.568 | 5.078 | 41.708 | 50.3 | 7.327 | 49.7 |
| 1107.17 | 17.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.009 | 29.916 | 0.97 | 30.838 | 62.873 | 17.61 | 7.1 | 2.48 | 5.518 | 42.298 | 46.9 | 8.361 | 53.1 |
| 1107.17 | 17.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 38.844 | 28.503 | 0.892 | 31.943 | 64.981 | 17.039 | 7.087 | 2.404 | 5.959 | 42.745 | 43.8 | 9.398 | 56.2 |
| 1107.17 | 17.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 40.678 | 27.218 | 0.825 | 33.002 | 67.021 | 16.52 | 7.068 | 2.337 | 6.404 | 43.081 | 41.1 | 10.438 | 58.9 |
| 1107.17 | 17.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 42.513 | 26.043 | 0.766 | 34.02 | 69.008 | 16.044 | 7.045 | 2.277 | 6.852 | 43.331 | 38.7 | 11.479 | 61.3 |
| 1107.17 | 17.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 44.347 | 24.966 | 0.713 | 35.002 | 70.952 | 15.604 | 7.019 | 2.223 | 7.303 | 43.511 | 36.6 | 12.521 | 63.4 |
| 1107.17 | 17.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 46.181 | 23.974 | 0.667 | 35.951 | 72.863 | 15.195 | 6.991 | 2.174 | 7.758 | 43.636 | 34.6 | 13.563 | 65.4 |
| 1107.17 | 17.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 48.016 | 23.059 | 0.625 | 36.872 | 74.746 | 14.812 | 6.961 | 2.128 | 8.217 | 43.716 | 32.8 | 14.605 | 67.2 |
| 1107.17 | 17.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 49.85 | 22.21 | 0.588 | 37.767 | 76.607 | 14.453 | 6.93 | 2.086 | 8.679 | 43.759 | 31.2 | 15.647 | 68.8 |
| 1107.17 | 17.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 51.685 | 21.422 | 0.554 | 38.639 | 78.45 | 14.113 | 6.898 | 2.046 | 9.145 | 43.772 | 29.7 | 16.689 | 70.3 |
| 1107.17 | 17.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 53.519 | 20.688 | 0.524 | 39.488 | 80.277 | 13.792 | 6.866 | 2.009 | 9.614 | 43.761 | 28.3 | 17.73 | 71.7 |
| 1107.17 | 17.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 55.353 | 20.002 | 0.496 | 40.317 | 82.092 | 13.487 | 6.834 | 1.974 | 10.087 | 43.729 | 27.1 | 18.77 | 72.9 |
| 1107.17 | 17.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 57.188 | 19.36 | 0.471 | 41.128 | 83.896 | 13.197 | 6.801 | 1.94 | 10.564 | 43.68 | 25.9 | 19.81 | 74.1 |
| 1107.17 | 18.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.349 | 42.02 | 1.866 | 22.513 | 48.42 | 22.866 | 6.789 | 3.368 | 2.904 | 33.964 | 75.8 | 2.353 | 24.2 |
| 1107.17 | 18.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.298 | 39.125 | 1.614 | 24.238 | 52.044 | 21.274 | 6.91 | 3.079 | 3.362 | 36.541 | 69.0 | 3.329 | 31.0 |
| 1107.17 | 18.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.248 | 36.604 | 1.42 | 25.776 | 55.169 | 20.069 | 6.978 | 2.876 | 3.812 | 38.35 | 63.1 | 4.331 | 36.9 |
| 1107.17 | 18.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 32.197 | 34.387 | 1.265 | 27.18 | 57.969 | 19.099 | 7.013 | 2.723 | 4.258 | 39.659 | 58.0 | 5.35 | 42.0 |
| 1107.17 | 18.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.147 | 32.424 | 1.138 | 28.484 | 60.547 | 18.286 | 7.026 | 2.603 | 4.705 | 40.626 | 53.6 | 6.38 | 46.4 |
| 1107.17 | 18.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 36.096 | 30.673 | 1.032 | 29.708 | 62.964 | 17.584 | 7.025 | 2.503 | 5.152 | 41.346 | 49.7 | 7.416 | 50.3 |
| 1107.17 | 18.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 38.046 | 29.101 | 0.943 | 30.866 | 65.263 | 16.965 | 7.013 | 2.419 | 5.602 | 41.883 | 46.3 | 8.456 | 53.7 |
| 1107.17 | 18.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.995 | 27.683 | 0.866 | 31.97 | 67.472 | 16.409 | 6.994 | 2.346 | 6.055 | 42.283 | 43.2 | 9.5 | 56.8 |
| 1107.17 | 18.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 41.945 | 26.396 | 0.799 | 33.027 | 69.613 | 15.905 | 6.97 | 2.282 | 6.51 | 42.577 | 40.6 | 10.544 | 59.4 |
| 1107.17 | 18.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 43.894 | 25.224 | 0.741 | 34.043 | 71.699 | 15.442 | 6.942 | 2.224 | 6.97 | 42.787 | 38.1 | 11.59 | 61.9 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1107.17 | 18.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 45.844 | 24.151 | 0.69 | 35.023 | 73.743 | 15.014 | 6.912 | 2.172 | 7.433 | 42.932 | 36.0 | 12.635 | 64.0 |
| 1107.17 | 18.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 47.793 | 23.166 | 0.644 | 35.972 | 75.753 | 14.616 | 6.88 | 2.124 | 7.899 | 43.025 | 34.0 | 13.681 | 66.0 |
| 1107.17 | 18.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 49.743 | 22.258 | 0.603 | 36.892 | 77.735 | 14.243 | 6.846 | 2.08 | 8.37 | 43.076 | 32.3 | 14.726 | 67.7 |
| 1107.17 | 18.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 51.692 | 21.419 | 0.567 | 37.785 | 79.696 | 13.892 | 6.812 | 2.039 | 8.844 | 43.093 | 30.6 | 15.771 | 69.4 |
| 1107.17 | 18.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 53.642 | 20.64 | 0.534 | 38.656 | 81.638 | 13.562 | 6.778 | 2.001 | 9.323 | 43.082 | 29.2 | 16.815 | 70.8 |
| 1107.17 | 18.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 55.591 | 19.916 | 0.504 | 39.504 | 83.566 | 13.249 | 6.743 | 1.965 | 9.805 | 43.048 | 27.8 | 17.858 | 72.2 |
| 1107.17 | 18.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 57.541 | 19.242 | 0.477 | 40.333 | 85.481 | 12.952 | 6.708 | 1.931 | 10.291 | 42.996 | 26.6 | 18.901 | 73.4 |
| 1107.17 | 18.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 59.49 | 18.611 | 0.452 | 41.143 | 87.387 | 12.67 | 6.674 | 1.898 | 10.78 | 42.928 | 25.4 | 19.942 | 74.6 |
| 1107.17 | 19.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 26.698 | 41.47 | 1.839 | 22.553 | 50.071 | 22.112 | 6.758 | 3.272 | 2.931 | 33.94 | 75.4 | 2.394 | 24.6 |
| 1107.17 | 19.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 28.764 | 38.492 | 1.586 | 24.276 | 53.858 | 20.557 | 6.867 | 2.994 | 3.397 | 36.44 | 68.5 | 3.382 | 31.5 |
| 1107.17 | 19.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 30.83 | 35.912 | 1.391 | 25.812 | 57.119 | 19.383 | 6.924 | 2.799 | 3.856 | 38.175 | 62.6 | 4.395 | 37.4 |
| 1107.17 | 19.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 32.896 | 33.657 | 1.237 | 27.214 | 60.041 | 18.44 | 6.95 | 2.653 | 4.312 | 39.418 | 57.4 | 5.423 | 42.6 |
| 1107.17 | 19.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 34.962 | 31.668 | 1.111 | 28.515 | 62.731 | 17.65 | 6.955 | 2.538 | 4.768 | 40.323 | 53.0 | 6.46 | 47.0 |
| 1107.17 | 19.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.028 | 29.901 | 1.006 | 29.737 | 65.254 | 16.967 | 6.946 | 2.443 | 5.226 | 40.988 | 49.1 | 7.503 | 50.9 |
| 1107.17 | 19.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 39.094 | 28.321 | 0.917 | 30.893 | 67.656 | 16.365 | 6.928 | 2.362 | 5.686 | 41.476 | 45.7 | 8.549 | 54.3 |
| 1107.17 | 19.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 41.16 | 26.899 | 0.841 | 31.995 | 69.967 | 15.824 | 6.903 | 2.292 | 6.149 | 41.831 | 42.7 | 9.598 | 57.3 |
| 1107.17 | 19.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 43.226 | 25.614 | 0.775 | 33.05 | 72.207 | 15.333 | 6.874 | 2.231 | 6.616 | 42.084 | 40.0 | 10.647 | 60.0 |
| 1107.17 | 19.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 45.292 | 24.445 | 0.718 | 34.065 | 74.393 | 14.883 | 6.842 | 2.175 | 7.087 | 42.258 | 37.6 | 11.696 | 62.4 |
| 1107.17 | 19.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 47.358 | 23.379 | 0.667 | 35.044 | 76.536 | 14.466 | 6.808 | 2.125 | 7.561 | 42.371 | 35.4 | 12.746 | 64.6 |
| 1107.17 | 19.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 49.424 | 22.402 | 0.622 | 35.991 | 78.646 | 14.078 | 6.772 | 2.079 | 8.039 | 42.434 | 33.5 | 13.795 | 66.5 |
| 1107.17 | 19.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 51.489 | 21.503 | 0.583 | 36.91 | 80.728 | 13.715 | 6.736 | 2.036 | 8.522 | 42.458 | 31.7 | 14.843 | 68.3 |
| 1107.17 | 19.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 53.555 | 20.673 | 0.547 | 37.802 | 82.789 | 13.373 | 6.699 | 1.996 | 9.008 | 42.45 | 30.1 | 15.89 | 69.9 |
| 1107.17 | 19.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 55.621 | 19.906 | 0.515 | 38.672 | 84.832 | 13.051 | 6.662 | 1.959 | 9.499 | 42.417 | 28.7 | 16.936 | 71.3 |
| 1107.17 | 19.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 57.687 | 19.193 | 0.486 | 39.519 | 86.861 | 12.747 | 6.625 | 1.924 | 9.993 | 42.363 | 27.3 | 17.981 | 72.7 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1107.17 | 19.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 59.753 | 18.529 | 0.459 | 40.347 | 88.878 | 12.457 | 6.589 | 1.891 | 10.492 | 42.292 | 26.1 | 19.025 | 73.9 |
| 1107.17 | 19.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 61.819 | 17.91 | 0.435 | 41.156 | 90.886 | 12.182 | 6.552 | 1.859 | 10.995 | 42.207 | 24.9 | 20.068 | 75.1 |
| 1107.17 | 20.0 | 3.0 | 20.5 | 54.008 | 4.491 | 12.026 | 27.051 | 40.928 | 1.812 | 22.591 | 51.737 | 21.4 | 6.726 | 3.182 | 2.958 | 33.911 | 75.0 | 2.435 | 25.0 |
| 1107.17 | 20.0 | 4.0 | 20.5 | 54.008 | 4.491 | 12.026 | 29.235 | 37.871 | 1.558 | 24.313 | 55.685 | 19.883 | 6.824 | 2.914 | 3.433 | 36.335 | 68.0 | 3.435 | 32.0 |
| 1107.17 | 20.0 | 5.0 | 20.5 | 54.008 | 4.491 | 12.026 | 31.419 | 35.239 | 1.363 | 25.846 | 59.08 | 18.74 | 6.871 | 2.728 | 3.901 | 37.999 | 62.0 | 4.458 | 38.0 |
| 1107.17 | 20.0 | 6.0 | 20.5 | 54.008 | 4.491 | 12.026 | 33.603 | 32.949 | 1.209 | 27.246 | 62.121 | 17.823 | 6.887 | 2.588 | 4.366 | 39.177 | 56.9 | 5.494 | 43.1 |
| 1107.17 | 20.0 | 7.0 | 20.5 | 54.008 | 4.491 | 12.026 | 35.787 | 30.938 | 1.084 | 28.545 | 64.921 | 17.054 | 6.884 | 2.477 | 4.832 | 40.023 | 52.4 | 6.539 | 47.6 |
| 1107.17 | 20.0 | 8.0 | 20.5 | 54.008 | 4.491 | 12.026 | 37.971 | 29.159 | 0.98 | 29.765 | 67.55 | 16.39 | 6.869 | 2.386 | 5.3 | 40.634 | 48.5 | 7.588 | 51.5 |
| 1107.17 | 20.0 | 9.0 | 20.5 | 54.008 | 4.491 | 12.026 | 40.154 | 27.573 | 0.892 | 30.919 | 70.054 | 15.804 | 6.845 | 2.309 | 5.77 | 41.075 | 45.1 | 8.64 | 54.9 |
| 1107.17 | 20.0 | 10.0 | 20.5 | 54.008 | 4.491 | 12.026 | 42.338 | 26.151 | 0.817 | 32.019 | 72.466 | 15.279 | 6.815 | 2.242 | 6.244 | 41.387 | 42.1 | 9.693 | 57.9 |
| 1107.17 | 20.0 | 11.0 | 20.5 | 54.008 | 4.491 | 12.026 | 44.522 | 24.868 | 0.752 | 33.073 | 74.806 | 14.801 | 6.781 | 2.183 | 6.721 | 41.602 | 39.4 | 10.747 | 60.6 |
| 1107.17 | 20.0 | 12.0 | 20.5 | 54.008 | 4.491 | 12.026 | 46.706 | 23.705 | 0.695 | 34.086 | 77.092 | 14.362 | 6.745 | 2.129 | 7.203 | 41.743 | 37.0 | 11.8 | 63.0 |
| 1107.17 | 20.0 | 13.0 | 20.5 | 54.008 | 4.491 | 12.026 | 48.89 | 22.646 | 0.646 | 35.064 | 79.335 | 13.956 | 6.707 | 2.081 | 7.689 | 41.824 | 34.9 | 12.852 | 65.1 |
| 1107.17 | 20.0 | 14.0 | 20.5 | 54.008 | 4.491 | 12.026 | 51.073 | 21.678 | 0.602 | 36.009 | 81.545 | 13.577 | 6.669 | 2.036 | 8.179 | 41.86 | 32.9 | 13.904 | 67.1 |
| 1107.17 | 20.0 | 15.0 | 20.5 | 54.008 | 4.491 | 12.026 | 53.257 | 20.789 | 0.563 | 36.927 | 83.728 | 13.223 | 6.629 | 1.995 | 8.673 | 41.859 | 31.2 | 14.955 | 68.8 |
| 1107.17 | 20.0 | 16.0 | 20.5 | 54.008 | 4.491 | 12.026 | 55.441 | 19.97 | 0.528 | 37.818 | 85.89 | 12.891 | 6.59 | 1.956 | 9.171 | 41.828 | 29.6 | 16.004 | 70.4 |
| 1107.17 | 20.0 | 17.0 | 20.5 | 54.008 | 4.491 | 12.026 | 57.625 | 19.213 | 0.497 | 38.687 | 88.034 | 12.577 | 6.551 | 1.92 | 9.674 | 41.774 | 28.2 | 17.052 | 71.8 |
| 1107.17 | 20.0 | 18.0 | 20.5 | 54.008 | 4.491 | 12.026 | 59.809 | 18.512 | 0.468 | 39.533 | 90.165 | 12.279 | 6.512 | 1.886 | 10.181 | 41.702 | 26.8 | 18.099 | 73.2 |
| 1107.17 | 20.0 | 19.0 | 20.5 | 54.008 | 4.491 | 12.026 | 61.993 | 17.86 | 0.443 | 40.36 | 92.285 | 11.997 | 6.474 | 1.853 | 10.692 | 41.614 | 25.6 | 19.145 | 74.4 |
| 1107.17 | 20.0 | 20.0 | 20.5 | 54.008 | 4.491 | 12.026 | 64.176 | 17.252 | 0.419 | 41.169 | 94.396 | 11.729 | 6.436 | 1.823 | 11.207 | 41.514 | 24.5 | 20.189 | 75.5 |

Printing Stilling Basin Calcualtion in MKS unit.....

| Q | FAngle | g_drop | Bc | q | dc | vc | B1 | q1 | d1 | v1 | B2 | q2 | d2 | v2 | Fr1 | LJ | Eff | Del_E | Del_E(%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 8.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.02 | 4.47 | 0.66 | 6.73 | 9.93 | 3.16 | 2.16 | 1.46 | 2.634 | 11.0 | 80.2 | 0.59 | 19.8 |
| 31.36 | 8.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 7.28 | 4.31 | 0.59 | 7.25 | 10.48 | 2.99 | 2.24 | 1.33 | 3.002 | 12.0 | 74.3 | 0.84 | 25.7 |
| 31.36 | 8.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 7.54 | 4.16 | 0.54 | 7.72 | 10.96 | 2.86 | 2.3 | 1.24 | 3.358 | 13.0 | 69.0 | 1.11 | 31.0 |
| 31.36 | 8.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 7.79 | 4.03 | 0.49 | 8.16 | 11.4 | 2.75 | 2.35 | 1.17 | 3.706 | 13.0 | 64.4 | 1.38 | 35.6 |
| 31.36 | 8.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 8.05 | 3.9 | 0.46 | 8.56 | 11.8 | 2.66 | 2.39 | 1.11 | 4.049 | 14.0 | 60.3 | 1.66 | 39.7 |
| 31.36 | 8.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 8.31 | 3.78 | 0.42 | 8.94 | 12.18 | 2.58 | 2.42 | 1.06 | 4.389 | 14.0 | 56.6 | 1.95 | 43.4 |
| 31.36 | 8.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 8.56 | 3.66 | 0.39 | 9.3 | 12.54 | 2.5 | 2.44 | 1.02 | 4.728 | 15.0 | 53.3 | 2.24 | 46.7 |
| 31.36 | 8.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 8.82 | 3.56 | 0.37 | 9.64 | 12.89 | 2.43 | 2.46 | 0.99 | 5.066 | 15.0 | 50.4 | 2.53 | 49.6 |
| 31.36 | 8.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 9.08 | 3.46 | 0.35 | 9.97 | 13.22 | 2.37 | 2.48 | 0.96 | 5.403 | 15.0 | 47.7 | 2.83 | 52.3 |
| 31.36 | 8.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 9.34 | 3.36 | 0.33 | 10.28 | 13.54 | 2.32 | 2.5 | 0.93 | 5.741 | 15.0 | 45.3 | 3.12 | 54.7 |
| 31.36 | 8.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 9.59 | 3.27 | 0.31 | 10.59 | 13.85 | 2.26 | 2.51 | 0.9 | 6.079 | 16.0 | 43.1 | 3.42 | 56.9 |
| 31.36 | 8.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 9.85 | 3.19 | 0.29 | 10.88 | 14.16 | 2.22 | 2.51 | 0.88 | 6.418 | 16.0 | 41.1 | 3.73 | 58.9 |
| 31.36 | 8.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 10.11 | 3.1 | 0.28 | 11.16 | 14.46 | 2.17 | 2.52 | 0.86 | 6.758 | 16.0 | 39.2 | 4.03 | 60.8 |
| 31.36 | 8.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 10.36 | 3.03 | 0.26 | 11.44 | 14.75 | 2.13 | 2.53 | 0.84 | 7.099 | 16.0 | 37.5 | 4.33 | 62.5 |
| 31.36 | 8.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 10.62 | 2.95 | 0.25 | 11.71 | 15.04 | 2.09 | 2.53 | 0.82 | 7.441 | 16.0 | 35.9 | 4.64 | 64.1 |
| 31.36 | 8.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 10.88 | 2.88 | 0.24 | 11.97 | 15.33 | 2.05 | 2.53 | 0.81 | 7.785 | 16.0 | 34.5 | 4.94 | 65.5 |
| 31.36 | 8.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 11.13 | 2.82 | 0.23 | 12.23 | 15.61 | 2.01 | 2.54 | 0.79 | 8.13 | 16.0 | 33.1 | 5.25 | 66.9 |
| 31.36 | 8.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 11.39 | 2.75 | 0.22 | 12.48 | 15.89 | 1.97 | 2.54 | 0.78 | 8.477 | 16.0 | 31.9 | 5.55 | 68.1 |
| 31.36 | 9.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.12 | 4.41 | 0.65 | 6.74 | 10.4 | 3.02 | 2.16 | 1.4 | 2.661 | 11.0 | 79.8 | 0.6 | 20.2 |
| 31.36 | 9.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 7.41 | 4.23 | 0.58 | 7.27 | 11.01 | 2.85 | 2.23 | 1.28 | 3.039 | 12.0 | 73.7 | 0.86 | 26.3 |
| 31.36 | 9.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 7.7 | 4.07 | 0.53 | 7.74 | 11.54 | 2.72 | 2.29 | 1.19 | 3.405 | 13.0 | 68.4 | 1.13 | 31.6 |
| 31.36 | 9.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 7.99 | 3.93 | 0.48 | 8.17 | 12.03 | 2.61 | 2.33 | 1.12 | 3.763 | 13.0 | 63.7 | 1.41 | 36.3 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 9.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 8.28 | 3.79 | 0.44 | 8.58 | 12.47 | 2.51 | 2.36 | 1.06 | 4.117 | 14.0 | 59.5 | 1.7 | 40.5 |
| 31.36 | 9.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 8.57 | 3.66 | 0.41 | 8.95 | 12.89 | 2.43 | 2.39 | 1.02 | 4.469 | 14.0 | 55.8 | 1.98 | 44.2 |
| 31.36 | 9.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 8.86 | 3.54 | 0.38 | 9.31 | 13.29 | 2.36 | 2.41 | 0.98 | 4.82 | 14.0 | 52.5 | 2.28 | 47.5 |
| 31.36 | 9.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 9.15 | 3.43 | 0.36 | 9.65 | 13.67 | 2.29 | 2.43 | 0.95 | 5.17 | 15.0 | 49.5 | 2.58 | 50.5 |
| 31.36 | 9.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 9.44 | 3.32 | 0.33 | 9.98 | 14.04 | 2.23 | 2.44 | 0.92 | 5.52 | 15.0 | 46.9 | 2.87 | 53.1 |
| 31.36 | 9.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 9.73 | 3.23 | 0.31 | 10.3 | 14.4 | 2.18 | 2.45 | 0.89 | 5.871 | 15.0 | 44.4 | 3.17 | 55.6 |
| 31.36 | 9.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 10.02 | 3.13 | 0.3 | 10.6 | 14.74 | 2.13 | 2.46 | 0.87 | 6.223 | 15.0 | 42.2 | 3.48 | 57.8 |
| 31.36 | 9.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 10.31 | 3.04 | 0.28 | 10.89 | 15.08 | 2.08 | 2.46 | 0.84 | 6.576 | 16.0 | 40.2 | 3.78 | 59.8 |
| 31.36 | 9.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 10.6 | 2.96 | 0.26 | 11.18 | 15.41 | 2.04 | 2.47 | 0.82 | 6.93 | 16.0 | 38.3 | 4.09 | 61.7 |
| 31.36 | 9.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 10.89 | 2.88 | 0.25 | 11.45 | 15.74 | 1.99 | 2.47 | 0.81 | 7.286 | 16.0 | 36.6 | 4.39 | 63.4 |
| 31.36 | 9.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 11.18 | 2.81 | 0.24 | 11.72 | 16.06 | 1.95 | 2.47 | 0.79 | 7.644 | 16.0 | 35.1 | 4.7 | 64.9 |
| 31.36 | 9.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 11.47 | 2.74 | 0.23 | 11.98 | 16.37 | 1.92 | 2.47 | 0.78 | 8.003 | 16.0 | 33.6 | 5.01 | 66.4 |
| 31.36 | 9.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 11.75 | 2.67 | 0.22 | 12.24 | 16.68 | 1.88 | 2.47 | 0.76 | 8.364 | 16.0 | 32.3 | 5.31 | 67.7 |
| 31.36 | 9.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 12.04 | 2.6 | 0.21 | 12.49 | 16.99 | 1.85 | 2.47 | 0.75 | 8.727 | 16.0 | 31.0 | 5.62 | 69.0 |
| 31.36 | 10.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.22 | 4.35 | 0.64 | 6.76 | 10.87 | 2.89 | 2.15 | 1.34 | 2.688 | 11.0 | 79.3 | 0.61 | 20.7 |
| 31.36 | 10.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 7.54 | 4.16 | 0.57 | 7.28 | 11.54 | 2.72 | 2.22 | 1.23 | 3.076 | 12.0 | 73.2 | 0.88 | 26.8 |
| 31.36 | 10.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 7.86 | 3.99 | 0.51 | 7.76 | 12.13 | 2.59 | 2.27 | 1.14 | 3.451 | 13.0 | 67.8 | 1.15 | 32.2 |
| 31.36 | 10.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 8.19 | 3.83 | 0.47 | 8.19 | 12.66 | 2.48 | 2.31 | 1.08 | 3.82 | 13.0 | 63.0 | 1.44 | 37.0 |
| 31.36 | 10.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 8.51 | 3.69 | 0.43 | 8.59 | 13.14 | 2.39 | 2.34 | 1.02 | 4.185 | 14.0 | 58.8 | 1.73 | 41.2 |
| 31.36 | 10.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 8.83 | 3.55 | 0.4 | 8.97 | 13.6 | 2.31 | 2.36 | 0.98 | 4.548 | 14.0 | 55.0 | 2.02 | 45.0 |
| 31.36 | 10.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 9.15 | 3.43 | 0.37 | 9.33 | 14.04 | 2.23 | 2.38 | 0.94 | 4.91 | 14.0 | 51.7 | 2.32 | 48.3 |
| 31.36 | 10.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 9.48 | 3.31 | 0.34 | 9.67 | 14.45 | 2.17 | 2.39 | 0.91 | 5.272 | 15.0 | 48.7 | 2.62 | 51.3 |
| 31.36 | 10.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 9.8 | 3.2 | 0.32 | 9.99 | 14.85 | 2.11 | 2.4 | 0.88 | 5.635 | 15.0 | 46.0 | 2.92 | 54.0 |
| 31.36 | 10.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 10.12 | 3.1 | 0.3 | 10.31 | 15.24 | 2.06 | 2.41 | 0.86 | 5.999 | 15.0 | 43.6 | 3.22 | 56.4 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 10.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 10.44 | 3.0 | 0.28 | 10.61 | 15.62 | 2.01 | 2.41 | 0.83 | 6.364 | 15.0 | 41.4 | 3.53 | 58.6 |
| 31.36 | 10.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 10.77 | 2.91 | 0.27 | 10.9 | 15.99 | 1.96 | 2.41 | 0.81 | 6.731 | 15.0 | 39.4 | 3.83 | 60.6 |
| 31.36 | 10.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 11.09 | 2.83 | 0.25 | 11.19 | 16.35 | 1.92 | 2.42 | 0.79 | 7.099 | 15.0 | 37.5 | 4.14 | 62.5 |
| 31.36 | 10.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 11.41 | 2.75 | 0.24 | 11.46 | 16.71 | 1.88 | 2.42 | 0.78 | 7.47 | 16.0 | 35.8 | 4.45 | 64.2 |
| 31.36 | 10.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 11.73 | 2.67 | 0.23 | 11.73 | 17.06 | 1.84 | 2.42 | 0.76 | 7.842 | 16.0 | 34.3 | 4.76 | 65.7 |
| 31.36 | 10.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 12.06 | 2.6 | 0.22 | 11.99 | 17.41 | 1.8 | 2.42 | 0.75 | 8.216 | 16.0 | 32.8 | 5.07 | 67.2 |
| 31.36 | 10.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 12.38 | 2.53 | 0.21 | 12.25 | 17.75 | 1.77 | 2.41 | 0.73 | 8.592 | 16.0 | 31.5 | 5.38 | 68.5 |
| 31.36 | 10.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 12.7 | 2.47 | 0.2 | 12.5 | 18.09 | 1.73 | 2.41 | 0.72 | 8.971 | 16.0 | 30.2 | 5.69 | 69.8 |
| 31.36 | 11.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.32 | 4.29 | 0.63 | 6.77 | 11.35 | 2.76 | 2.14 | 1.29 | 2.716 | 11.0 | 78.9 | 0.63 | 21.1 |
| 31.36 | 11.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 7.67 | 4.09 | 0.56 | 7.3 | 12.08 | 2.6 | 2.2 | 1.18 | 3.112 | 12.0 | 72.6 | 0.9 | 27.4 |
| 31.36 | 11.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 8.03 | 3.91 | 0.5 | 7.77 | 12.71 | 2.47 | 2.25 | 1.1 | 3.497 | 13.0 | 67.1 | 1.18 | 32.9 |
| 31.36 | 11.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 8.38 | 3.74 | 0.46 | 8.2 | 13.28 | 2.36 | 2.28 | 1.03 | 3.876 | 13.0 | 62.3 | 1.46 | 37.7 |
| 31.36 | 11.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 8.74 | 3.59 | 0.42 | 8.6 | 13.81 | 2.27 | 2.31 | 0.98 | 4.251 | 14.0 | 58.1 | 1.76 | 41.9 |
| 31.36 | 11.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 9.09 | 3.45 | 0.38 | 8.98 | 14.31 | 2.19 | 2.33 | 0.94 | 4.625 | 14.0 | 54.3 | 2.05 | 45.7 |
| 31.36 | 11.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 9.45 | 3.32 | 0.36 | 9.34 | 14.78 | 2.12 | 2.34 | 0.91 | 4.999 | 14.0 | 50.9 | 2.35 | 49.1 |
| 31.36 | 11.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 9.81 | 3.2 | 0.33 | 9.68 | 15.23 | 2.06 | 2.35 | 0.88 | 5.373 | 14.0 | 47.9 | 2.66 | 52.1 |
| 31.36 | 11.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 10.16 | 3.09 | 0.31 | 10.01 | 15.66 | 2.0 | 2.36 | 0.85 | 5.749 | 15.0 | 45.2 | 2.96 | 54.8 |
| 31.36 | 11.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 10.52 | 2.98 | 0.29 | 10.32 | 16.08 | 1.95 | 2.36 | 0.83 | 6.125 | 15.0 | 42.8 | 3.27 | 57.2 |
| 31.36 | 11.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 10.87 | 2.89 | 0.27 | 10.62 | 16.49 | 1.9 | 2.37 | 0.8 | 6.503 | 15.0 | 40.6 | 3.58 | 59.4 |
| 31.36 | 11.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 11.23 | 2.79 | 0.26 | 10.91 | 16.89 | 1.86 | 2.37 | 0.78 | 6.883 | 15.0 | 38.6 | 3.88 | 61.4 |
| 31.36 | 11.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 11.58 | 2.71 | 0.24 | 11.2 | 17.29 | 1.81 | 2.37 | 0.77 | 7.266 | 15.0 | 36.7 | 4.19 | 63.3 |
| 31.36 | 11.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 11.94 | 2.63 | 0.23 | 11.47 | 17.67 | 1.78 | 2.37 | 0.75 | 7.65 | 15.0 | 35.0 | 4.5 | 65.0 |
| 31.36 | 11.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 12.29 | 2.55 | 0.22 | 11.74 | 18.05 | 1.74 | 2.36 | 0.74 | 8.036 | 15.0 | 33.5 | 4.81 | 66.5 |
| 31.36 | 11.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 12.65 | 2.48 | 0.21 | 12.0 | 18.43 | 1.7 | 2.36 | 0.72 | 8.425 | 15.0 | 32.1 | 5.12 | 67.9 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 11.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 13.01 | 2.41 | 0.2 | 12.26 | 18.8 | 1.67 | 2.36 | 0.71 | 8.816 | 15.0 | 30.7 | 5.44 | 69.3 |
| 31.36 | 11.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 13.36 | 2.35 | 0.19 | 12.5 | 19.17 | 1.64 | 2.35 | 0.7 | 9.209 | 15.0 | 29.5 | 5.75 | 70.5 |
| 31.36 | 12.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.42 | 4.23 | 0.62 | 6.79 | 11.83 | 2.65 | 2.13 | 1.25 | 2.743 | 11.0 | 78.4 | 0.64 | 21.6 |
| 31.36 | 12.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 7.81 | 4.02 | 0.55 | 7.31 | 12.61 | 2.49 | 2.19 | 1.14 | 3.148 | 12.0 | 72.1 | 0.91 | 27.9 |
| 31.36 | 12.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 8.19 | 3.83 | 0.49 | 7.78 | 13.29 | 2.36 | 2.23 | 1.06 | 3.542 | 12.0 | 66.5 | 1.2 | 33.5 |
| 31.36 | 12.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 8.58 | 3.66 | 0.44 | 8.22 | 13.91 | 2.26 | 2.26 | 1.0 | 3.931 | 13.0 | 61.7 | 1.49 | 38.3 |
| 31.36 | 12.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 8.97 | 3.5 | 0.41 | 8.62 | 14.48 | 2.17 | 2.28 | 0.95 | 4.317 | 13.0 | 57.4 | 1.79 | 42.6 |
| 31.36 | 12.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 9.36 | 3.35 | 0.37 | 8.99 | 15.01 | 2.09 | 2.3 | 0.91 | 4.702 | 14.0 | 53.6 | 2.09 | 46.4 |
| 31.36 | 12.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 9.75 | 3.22 | 0.34 | 9.35 | 15.52 | 2.02 | 2.31 | 0.88 | 5.087 | 14.0 | 50.2 | 2.39 | 49.8 |
| 31.36 | 12.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 10.14 | 3.09 | 0.32 | 9.69 | 16.0 | 1.96 | 2.32 | 0.85 | 5.473 | 14.0 | 47.2 | 2.69 | 52.8 |
| 31.36 | 12.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 10.53 | 2.98 | 0.3 | 10.02 | 16.46 | 1.91 | 2.32 | 0.82 | 5.861 | 14.0 | 44.5 | 3.0 | 55.5 |
| 31.36 | 12.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 10.92 | 2.87 | 0.28 | 10.33 | 16.92 | 1.85 | 2.32 | 0.8 | 6.25 | 15.0 | 42.1 | 3.31 | 57.9 |
| 31.36 | 12.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 11.3 | 2.78 | 0.26 | 10.63 | 17.36 | 1.81 | 2.32 | 0.78 | 6.641 | 15.0 | 39.8 | 3.62 | 60.2 |
| 31.36 | 12.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 11.69 | 2.68 | 0.25 | 10.92 | 17.79 | 1.76 | 2.32 | 0.76 | 7.034 | 15.0 | 37.8 | 3.93 | 62.2 |
| 31.36 | 12.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 12.08 | 2.6 | 0.23 | 11.21 | 18.21 | 1.72 | 2.32 | 0.74 | 7.429 | 15.0 | 36.0 | 4.24 | 64.0 |
| 31.36 | 12.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 12.47 | 2.52 | 0.22 | 11.48 | 18.63 | 1.68 | 2.32 | 0.73 | 7.827 | 15.0 | 34.3 | 4.55 | 65.7 |
| 31.36 | 12.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 12.86 | 2.44 | 0.21 | 11.75 | 19.04 | 1.65 | 2.31 | 0.71 | 8.227 | 15.0 | 32.8 | 4.87 | 67.2 |
| 31.36 | 12.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 13.25 | 2.37 | 0.2 | 12.01 | 19.45 | 1.61 | 2.31 | 0.7 | 8.63 | 15.0 | 31.3 | 5.18 | 68.7 |
| 31.36 | 12.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 13.64 | 2.3 | 0.19 | 12.26 | 19.85 | 1.58 | 2.31 | 0.69 | 9.036 | 15.0 | 30.0 | 5.49 | 70.0 |
| 31.36 | 12.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 14.03 | 2.24 | 0.18 | 12.51 | 20.25 | 1.55 | 2.3 | 0.67 | 9.444 | 15.0 | 28.8 | 5.8 | 71.2 |
| 31.36 | 13.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.52 | 4.17 | 0.61 | 6.8 | 12.31 | 2.55 | 2.12 | 1.2 | 2.77 | 11.0 | 78.0 | 0.65 | 22.0 |
| 31.36 | 13.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 7.94 | 3.95 | 0.54 | 7.33 | 13.15 | 2.39 | 2.17 | 1.1 | 3.184 | 12.0 | 71.6 | 0.93 | 28.4 |
| 31.36 | 13.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 8.36 | 3.75 | 0.48 | 7.8 | 13.88 | 2.26 | 2.21 | 1.02 | 3.588 | 12.0 | 65.9 | 1.22 | 34.1 |
| 31.36 | 13.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 8.78 | 3.57 | 0.43 | 8.23 | 14.54 | 2.16 | 2.24 | 0.96 | 3.987 | 13.0 | 61.0 | 1.51 | 39.0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 13.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 9.21 | 3.41 | 0.39 | 8.63 | 15.14 | 2.07 | 2.26 | 0.92 | 4.383 | 13.0 | 56.7 | 1.81 | 43.3 |
| 31.36 | 13.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 9.63 | 3.26 | 0.36 | 9.01 | 15.71 | 2.0 | 2.27 | 0.88 | 4.779 | 14.0 | 52.9 | 2.12 | 47.1 |
| 31.36 | 13.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 10.05 | 3.12 | 0.33 | 9.36 | 16.25 | 1.93 | 2.28 | 0.85 | 5.175 | 14.0 | 49.5 | 2.42 | 50.5 |
| 31.36 | 13.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 10.47 | 3.0 | 0.31 | 9.7 | 16.77 | 1.87 | 2.28 | 0.82 | 5.572 | 14.0 | 46.5 | 2.73 | 53.5 |
| 31.36 | 13.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 10.9 | 2.88 | 0.29 | 10.03 | 17.26 | 1.82 | 2.29 | 0.8 | 5.971 | 14.0 | 43.8 | 3.04 | 56.2 |
| 31.36 | 13.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 11.32 | 2.77 | 0.27 | 10.34 | 17.75 | 1.77 | 2.29 | 0.77 | 6.372 | 14.0 | 41.3 | 3.35 | 58.7 |
| 31.36 | 13.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 11.74 | 2.67 | 0.25 | 10.64 | 18.22 | 1.72 | 2.28 | 0.75 | 6.776 | 15.0 | 39.1 | 3.66 | 60.9 |
| 31.36 | 13.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 12.16 | 2.58 | 0.24 | 10.93 | 18.68 | 1.68 | 2.28 | 0.74 | 7.182 | 15.0 | 37.1 | 3.98 | 62.9 |
| 31.36 | 13.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 12.58 | 2.49 | 0.22 | 11.21 | 19.13 | 1.64 | 2.28 | 0.72 | 7.59 | 15.0 | 35.3 | 4.29 | 64.7 |
| 31.36 | 13.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 13.01 | 2.41 | 0.21 | 11.49 | 19.58 | 1.6 | 2.27 | 0.7 | 8.002 | 15.0 | 33.6 | 4.6 | 66.4 |
| 31.36 | 13.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 13.43 | 2.34 | 0.2 | 11.76 | 20.02 | 1.57 | 2.27 | 0.69 | 8.416 | 15.0 | 32.1 | 4.91 | 67.9 |
| 31.36 | 13.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 13.85 | 2.26 | 0.19 | 12.02 | 20.46 | 1.53 | 2.26 | 0.68 | 8.832 | 15.0 | 30.7 | 5.23 | 69.3 |
| 31.36 | 13.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 14.27 | 2.2 | 0.18 | 12.27 | 20.89 | 1.5 | 2.26 | 0.67 | 9.252 | 15.0 | 29.4 | 5.54 | 70.6 |
| 31.36 | 13.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 14.7 | 2.13 | 0.17 | 12.52 | 21.32 | 1.47 | 2.25 | 0.65 | 9.674 | 15.0 | 28.2 | 5.86 | 71.8 |
| 31.36 | 14.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.62 | 4.12 | 0.6 | 6.81 | 12.79 | 2.45 | 2.11 | 1.16 | 2.797 | 11.0 | 77.6 | 0.67 | 22.4 |
| 31.36 | 14.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 8.07 | 3.89 | 0.53 | 7.34 | 13.69 | 2.29 | 2.16 | 1.06 | 3.22 | 12.0 | 71.0 | 0.95 | 29.0 |
| 31.36 | 14.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 8.53 | 3.68 | 0.47 | 7.81 | 14.46 | 2.17 | 2.2 | 0.99 | 3.633 | 12.0 | 65.3 | 1.24 | 34.7 |
| 31.36 | 14.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 8.99 | 3.49 | 0.42 | 8.24 | 15.16 | 2.07 | 2.22 | 0.93 | 4.041 | 13.0 | 60.4 | 1.54 | 39.6 |
| 31.36 | 14.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 9.44 | 3.32 | 0.38 | 8.64 | 15.81 | 1.98 | 2.23 | 0.89 | 4.448 | 13.0 | 56.0 | 1.84 | 44.0 |
| 31.36 | 14.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 9.9 | 3.17 | 0.35 | 9.02 | 16.41 | 1.91 | 2.24 | 0.85 | 4.854 | 14.0 | 52.2 | 2.15 | 47.8 |
| 31.36 | 14.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 10.35 | 3.03 | 0.32 | 9.37 | 16.98 | 1.85 | 2.25 | 0.82 | 5.261 | 14.0 | 48.8 | 2.46 | 51.2 |
| 31.36 | 14.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 10.81 | 2.9 | 0.3 | 9.71 | 17.53 | 1.79 | 2.25 | 0.79 | 5.67 | 14.0 | 45.8 | 2.77 | 54.2 |
| 31.36 | 14.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 11.27 | 2.78 | 0.28 | 10.04 | 18.06 | 1.74 | 2.25 | 0.77 | 6.081 | 14.0 | 43.1 | 3.08 | 56.9 |
| 31.36 | 14.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 11.72 | 2.68 | 0.26 | 10.35 | 18.57 | 1.69 | 2.25 | 0.75 | 6.494 | 14.0 | 40.6 | 3.39 | 59.4 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 14.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 12.18 | 2.58 | 0.24 | 10.65 | 19.08 | 1.64 | 2.25 | 0.73 | 6.91 | 14.0 | 38.4 | 3.7 | 61.6 |
| 31.36 | 14.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 12.64 | 2.48 | 0.23 | 10.94 | 19.57 | 1.6 | 2.24 | 0.72 | 7.328 | 14.0 | 36.4 | 4.02 | 63.6 |
| 31.36 | 14.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 13.09 | 2.4 | 0.21 | 11.22 | 20.05 | 1.56 | 2.24 | 0.7 | 7.75 | 14.0 | 34.6 | 4.33 | 65.4 |
| 31.36 | 14.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 13.55 | 2.32 | 0.2 | 11.5 | 20.53 | 1.53 | 2.23 | 0.69 | 8.174 | 14.0 | 33.0 | 4.65 | 67.0 |
| 31.36 | 14.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 14.0 | 2.24 | 0.19 | 11.76 | 21.0 | 1.49 | 2.22 | 0.67 | 8.601 | 15.0 | 31.4 | 4.96 | 68.6 |
| 31.36 | 14.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 14.46 | 2.17 | 0.18 | 12.02 | 21.47 | 1.46 | 2.22 | 0.66 | 9.031 | 15.0 | 30.0 | 5.28 | 70.0 |
| 31.36 | 14.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 14.92 | 2.1 | 0.17 | 12.28 | 21.93 | 1.43 | 2.21 | 0.65 | 9.465 | 15.0 | 28.7 | 5.59 | 71.3 |
| 31.36 | 14.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 15.37 | 2.04 | 0.16 | 12.52 | 22.39 | 1.4 | 2.2 | 0.64 | 9.901 | 15.0 | 27.6 | 5.91 | 72.4 |
| 31.36 | 15.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.72 | 4.06 | 0.6 | 6.83 | 13.28 | 2.36 | 2.1 | 1.13 | 2.823 | 11.0 | 77.1 | 0.68 | 22.9 |
| 31.36 | 15.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 8.21 | 3.82 | 0.52 | 7.35 | 14.23 | 2.21 | 2.15 | 1.03 | 3.255 | 12.0 | 70.5 | 0.97 | 29.5 |
| 31.36 | 15.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 8.7 | 3.61 | 0.46 | 7.82 | 15.05 | 2.08 | 2.18 | 0.96 | 3.678 | 12.0 | 64.8 | 1.26 | 35.2 |
| 31.36 | 15.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 9.19 | 3.41 | 0.41 | 8.25 | 15.79 | 1.99 | 2.2 | 0.9 | 4.096 | 13.0 | 59.8 | 1.56 | 40.2 |
| 31.36 | 15.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 9.68 | 3.24 | 0.37 | 8.65 | 16.47 | 1.9 | 2.21 | 0.86 | 4.513 | 13.0 | 55.4 | 1.87 | 44.6 |
| 31.36 | 15.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 10.17 | 3.08 | 0.34 | 9.03 | 17.11 | 1.83 | 2.22 | 0.83 | 4.929 | 13.0 | 51.5 | 2.18 | 48.5 |
| 31.36 | 15.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 10.66 | 2.94 | 0.31 | 9.38 | 17.71 | 1.77 | 2.22 | 0.8 | 5.347 | 14.0 | 48.1 | 2.49 | 51.9 |
| 31.36 | 15.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 11.15 | 2.81 | 0.29 | 9.72 | 18.29 | 1.72 | 2.22 | 0.77 | 5.767 | 14.0 | 45.1 | 2.8 | 54.9 |
| 31.36 | 15.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 11.64 | 2.69 | 0.27 | 10.05 | 18.85 | 1.66 | 2.22 | 0.75 | 6.189 | 14.0 | 42.4 | 3.11 | 57.6 |
| 31.36 | 15.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 12.13 | 2.59 | 0.25 | 10.36 | 19.4 | 1.62 | 2.21 | 0.73 | 6.614 | 14.0 | 40.0 | 3.43 | 60.0 |
| 31.36 | 15.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 12.62 | 2.49 | 0.23 | 10.66 | 19.93 | 1.57 | 2.21 | 0.71 | 7.042 | 14.0 | 37.8 | 3.74 | 62.2 |
| 31.36 | 15.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 13.11 | 2.39 | 0.22 | 10.95 | 20.45 | 1.53 | 2.2 | 0.7 | 7.473 | 14.0 | 35.8 | 4.06 | 64.2 |
| 31.36 | 15.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 13.6 | 2.31 | 0.21 | 11.23 | 20.97 | 1.5 | 2.2 | 0.68 | 7.907 | 14.0 | 34.0 | 4.37 | 66.0 |
| 31.36 | 15.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 14.09 | 2.23 | 0.19 | 11.5 | 21.47 | 1.46 | 2.19 | 0.67 | 8.344 | 14.0 | 32.3 | 4.69 | 67.7 |
| 31.36 | 15.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 14.58 | 2.15 | 0.18 | 11.77 | 21.97 | 1.43 | 2.18 | 0.65 | 8.784 | 14.0 | 30.8 | 5.01 | 69.2 |
| 31.36 | 15.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 15.07 | 2.08 | 0.17 | 12.03 | 22.47 | 1.4 | 2.17 | 0.64 | 9.228 | 14.0 | 29.4 | 5.32 | 70.6 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 15.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 15.56 | 2.02 | 0.16 | 12.28 | 22.96 | 1.37 | 2.17 | 0.63 | 9.675 | 14.0 | 28.2 | 5.64 | 71.8 |
| 31.36 | 15.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 16.05 | 1.95 | 0.16 | 12.53 | 23.45 | 1.34 | 2.16 | 0.62 | 10.125 | 14.0 | 27.0 | 5.95 | 73.0 |
| 31.36 | 16.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.82 | 4.01 | 0.59 | 6.84 | 13.77 | 2.28 | 2.09 | 1.09 | 2.85 | 11.0 | 76.7 | 0.69 | 23.3 |
| 31.36 | 16.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 8.35 | 3.76 | 0.51 | 7.37 | 14.77 | 2.12 | 2.13 | 1.0 | 3.291 | 12.0 | 70.0 | 0.98 | 30.0 |
| 31.36 | 16.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 8.87 | 3.54 | 0.45 | 7.84 | 15.64 | 2.01 | 2.16 | 0.93 | 3.723 | 12.0 | 64.2 | 1.28 | 35.8 |
| 31.36 | 16.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 9.4 | 3.34 | 0.4 | 8.26 | 16.42 | 1.91 | 2.18 | 0.88 | 4.15 | 13.0 | 59.2 | 1.59 | 40.8 |
| 31.36 | 16.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 9.92 | 3.16 | 0.36 | 8.66 | 17.13 | 1.83 | 2.19 | 0.84 | 4.577 | 13.0 | 54.8 | 1.89 | 45.2 |
| 31.36 | 16.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 10.45 | 3.0 | 0.33 | 9.04 | 17.8 | 1.76 | 2.19 | 0.8 | 5.004 | 13.0 | 50.9 | 2.21 | 49.1 |
| 31.36 | 16.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 10.97 | 2.86 | 0.3 | 9.39 | 18.44 | 1.7 | 2.19 | 0.78 | 5.433 | 14.0 | 47.5 | 2.52 | 52.5 |
| 31.36 | 16.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 11.5 | 2.73 | 0.28 | 9.73 | 19.05 | 1.65 | 2.19 | 0.75 | 5.864 | 14.0 | 44.5 | 2.83 | 55.5 |
| 31.36 | 16.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 12.02 | 2.61 | 0.26 | 10.05 | 19.64 | 1.6 | 2.19 | 0.73 | 6.297 | 14.0 | 41.8 | 3.15 | 58.2 |
| 31.36 | 16.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 12.54 | 2.5 | 0.24 | 10.36 | 20.22 | 1.55 | 2.18 | 0.71 | 6.734 | 14.0 | 39.3 | 3.46 | 60.7 |
| 31.36 | 16.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 13.07 | 2.4 | 0.22 | 10.66 | 20.78 | 1.51 | 2.17 | 0.69 | 7.173 | 14.0 | 37.2 | 3.78 | 62.8 |
| 31.36 | 16.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 13.59 | 2.31 | 0.21 | 10.95 | 21.33 | 1.47 | 2.17 | 0.68 | 7.616 | 14.0 | 35.2 | 4.1 | 64.8 |
| 31.36 | 16.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 14.12 | 2.22 | 0.2 | 11.24 | 21.88 | 1.43 | 2.16 | 0.66 | 8.063 | 14.0 | 33.4 | 4.41 | 66.6 |
| 31.36 | 16.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 14.64 | 2.14 | 0.19 | 11.51 | 22.41 | 1.4 | 2.15 | 0.65 | 8.512 | 14.0 | 31.7 | 4.73 | 68.3 |
| 31.36 | 16.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 15.17 | 2.07 | 0.18 | 11.77 | 22.95 | 1.37 | 2.14 | 0.64 | 8.966 | 14.0 | 30.2 | 5.05 | 69.8 |
| 31.36 | 16.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 15.69 | 2.0 | 0.17 | 12.03 | 23.47 | 1.34 | 2.13 | 0.63 | 9.422 | 14.0 | 28.9 | 5.36 | 71.1 |
| 31.36 | 16.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 16.22 | 1.93 | 0.16 | 12.29 | 24.0 | 1.31 | 2.12 | 0.62 | 9.882 | 14.0 | 27.6 | 5.68 | 72.4 |
| 31.36 | 16.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 16.74 | 1.87 | 0.15 | 12.53 | 24.51 | 1.28 | 2.11 | 0.61 | 10.346 | 14.0 | 26.4 | 6.0 | 73.6 |
| 31.36 | 17.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 7.93 | 3.96 | 0.58 | 6.85 | 14.26 | 2.2 | 2.08 | 1.06 | 2.877 | 11.0 | 76.3 | 0.7 | 23.7 |
| 31.36 | 17.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 8.49 | 3.7 | 0.5 | 7.38 | 15.32 | 2.05 | 2.12 | 0.97 | 3.326 | 12.0 | 69.5 | 1.0 | 30.5 |
| 31.36 | 17.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 9.05 | 3.47 | 0.44 | 7.85 | 16.23 | 1.93 | 2.14 | 0.9 | 3.767 | 12.0 | 63.6 | 1.3 | 36.4 |
| 31.36 | 17.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 9.61 | 3.27 | 0.39 | 8.28 | 17.04 | 1.84 | 2.16 | 0.85 | 4.204 | 13.0 | 58.6 | 1.61 | 41.4 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 17.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 10.16 | 3.09 | 0.36 | 8.67 | 17.8 | 1.76 | 2.16 | 0.81 | 4.641 | 13.0 | 54.2 | 1.92 | 45.8 |
| 31.36 | 17.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 10.72 | 2.93 | 0.32 | 9.05 | 18.5 | 1.7 | 2.17 | 0.78 | 5.078 | 13.0 | 50.3 | 2.23 | 49.7 |
| 31.36 | 17.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 11.28 | 2.78 | 0.3 | 9.4 | 19.17 | 1.64 | 2.16 | 0.76 | 5.518 | 13.0 | 46.9 | 2.55 | 53.1 |
| 31.36 | 17.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 11.84 | 2.65 | 0.27 | 9.74 | 19.81 | 1.58 | 2.16 | 0.73 | 5.959 | 14.0 | 43.8 | 2.87 | 56.2 |
| 31.36 | 17.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 12.4 | 2.53 | 0.25 | 10.06 | 20.43 | 1.54 | 2.15 | 0.71 | 6.404 | 14.0 | 41.1 | 3.18 | 58.9 |
| 31.36 | 17.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 12.96 | 2.42 | 0.23 | 10.37 | 21.04 | 1.49 | 2.15 | 0.69 | 6.852 | 14.0 | 38.7 | 3.5 | 61.3 |
| 31.36 | 17.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 13.52 | 2.32 | 0.22 | 10.67 | 21.63 | 1.45 | 2.14 | 0.68 | 7.303 | 14.0 | 36.6 | 3.82 | 63.4 |
| 31.36 | 17.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 14.08 | 2.23 | 0.2 | 10.96 | 22.21 | 1.41 | 2.13 | 0.66 | 7.758 | 14.0 | 34.6 | 4.14 | 65.4 |
| 31.36 | 17.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 14.64 | 2.14 | 0.19 | 11.24 | 22.79 | 1.38 | 2.12 | 0.65 | 8.217 | 14.0 | 32.8 | 4.45 | 67.2 |
| 31.36 | 17.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 15.2 | 2.06 | 0.18 | 11.51 | 23.36 | 1.34 | 2.11 | 0.64 | 8.679 | 14.0 | 31.2 | 4.77 | 68.8 |
| 31.36 | 17.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 15.76 | 1.99 | 0.17 | 11.78 | 23.92 | 1.31 | 2.1 | 0.62 | 9.145 | 14.0 | 29.7 | 5.09 | 70.3 |
| 31.36 | 17.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 16.32 | 1.92 | 0.16 | 12.04 | 24.47 | 1.28 | 2.09 | 0.61 | 9.614 | 14.0 | 28.3 | 5.41 | 71.7 |
| 31.36 | 17.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 16.88 | 1.86 | 0.15 | 12.29 | 25.03 | 1.25 | 2.08 | 0.6 | 10.087 | 14.0 | 27.1 | 5.72 | 72.9 |
| 31.36 | 17.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 17.44 | 1.8 | 0.14 | 12.54 | 25.58 | 1.23 | 2.07 | 0.59 | 10.564 | 14.0 | 25.9 | 6.04 | 74.1 |
| 31.36 | 18.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 8.03 | 3.91 | 0.57 | 6.86 | 14.76 | 2.13 | 2.07 | 1.03 | 2.904 | 11.0 | 75.8 | 0.72 | 24.2 |
| 31.36 | 18.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 8.63 | 3.64 | 0.49 | 7.39 | 15.87 | 1.98 | 2.11 | 0.94 | 3.362 | 12.0 | 69.0 | 1.01 | 31.0 |
| 31.36 | 18.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 9.22 | 3.4 | 0.43 | 7.86 | 16.82 | 1.87 | 2.13 | 0.88 | 3.812 | 12.0 | 63.1 | 1.32 | 36.9 |
| 31.36 | 18.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 9.82 | 3.2 | 0.39 | 8.29 | 17.67 | 1.78 | 2.14 | 0.83 | 4.258 | 13.0 | 58.0 | 1.63 | 42.0 |
| 31.36 | 18.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 10.41 | 3.01 | 0.35 | 8.68 | 18.46 | 1.7 | 2.14 | 0.79 | 4.705 | 13.0 | 53.6 | 1.95 | 46.4 |
| 31.36 | 18.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 11.0 | 2.85 | 0.31 | 9.06 | 19.2 | 1.63 | 2.14 | 0.76 | 5.152 | 13.0 | 49.7 | 2.26 | 50.3 |
| 31.36 | 18.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 11.6 | 2.7 | 0.29 | 9.41 | 19.9 | 1.58 | 2.14 | 0.74 | 5.602 | 13.0 | 46.3 | 2.58 | 53.7 |
| 31.36 | 18.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 12.19 | 2.57 | 0.26 | 9.75 | 20.57 | 1.52 | 2.13 | 0.72 | 6.055 | 13.0 | 43.2 | 2.9 | 56.8 |
| 31.36 | 18.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 12.79 | 2.45 | 0.24 | 10.07 | 21.22 | 1.48 | 2.12 | 0.7 | 6.51 | 13.0 | 40.6 | 3.21 | 59.4 |
| 31.36 | 18.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 13.38 | 2.34 | 0.23 | 10.38 | 21.86 | 1.44 | 2.12 | 0.68 | 6.97 | 14.0 | 38.1 | 3.53 | 61.9 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 18.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 13.98 | 2.24 | 0.21 | 10.68 | 22.48 | 1.4 | 2.11 | 0.66 | 7.433 | 14.0 | 36.0 | 3.85 | 64.0 |
| 31.36 | 18.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 14.57 | 2.15 | 0.2 | 10.97 | 23.1 | 1.36 | 2.1 | 0.65 | 7.899 | 14.0 | 34.0 | 4.17 | 66.0 |
| 31.36 | 18.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 15.17 | 2.07 | 0.18 | 11.25 | 23.7 | 1.32 | 2.09 | 0.63 | 8.37 | 14.0 | 32.3 | 4.49 | 67.7 |
| 31.36 | 18.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 15.76 | 1.99 | 0.17 | 11.52 | 24.3 | 1.29 | 2.08 | 0.62 | 8.844 | 14.0 | 30.6 | 4.81 | 69.4 |
| 31.36 | 18.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 16.35 | 1.92 | 0.16 | 11.79 | 24.89 | 1.26 | 2.07 | 0.61 | 9.323 | 14.0 | 29.2 | 5.13 | 70.8 |
| 31.36 | 18.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 16.95 | 1.85 | 0.15 | 12.04 | 25.48 | 1.23 | 2.06 | 0.6 | 9.805 | 14.0 | 27.8 | 5.44 | 72.2 |
| 31.36 | 18.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 17.54 | 1.79 | 0.15 | 12.3 | 26.06 | 1.2 | 2.05 | 0.59 | 10.291 | 14.0 | 26.6 | 5.76 | 73.4 |
| 31.36 | 18.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 18.14 | 1.73 | 0.14 | 12.54 | 26.64 | 1.18 | 2.03 | 0.58 | 10.78 | 14.0 | 25.4 | 6.08 | 74.6 |
| 31.36 | 19.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 8.14 | 3.85 | 0.56 | 6.88 | 15.27 | 2.06 | 2.06 | 1.0 | 2.931 | 11.0 | 75.4 | 0.73 | 24.6 |
| 31.36 | 19.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 8.77 | 3.58 | 0.48 | 7.4 | 16.42 | 1.91 | 2.09 | 0.91 | 3.397 | 12.0 | 68.5 | 1.03 | 31.5 |
| 31.36 | 19.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 9.4 | 3.34 | 0.42 | 7.87 | 17.41 | 1.8 | 2.11 | 0.85 | 3.856 | 12.0 | 62.6 | 1.34 | 37.4 |
| 31.36 | 19.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 10.03 | 3.13 | 0.38 | 8.3 | 18.31 | 1.71 | 2.12 | 0.81 | 4.312 | 13.0 | 57.4 | 1.65 | 42.6 |
| 31.36 | 19.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 10.66 | 2.94 | 0.34 | 8.69 | 19.13 | 1.64 | 2.12 | 0.77 | 4.768 | 13.0 | 53.0 | 1.97 | 47.0 |
| 31.36 | 19.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 11.29 | 2.78 | 0.31 | 9.07 | 19.89 | 1.58 | 2.12 | 0.74 | 5.226 | 13.0 | 49.1 | 2.29 | 50.9 |
| 31.36 | 19.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 11.92 | 2.63 | 0.28 | 9.42 | 20.63 | 1.52 | 2.11 | 0.72 | 5.686 | 13.0 | 45.7 | 2.61 | 54.3 |
| 31.36 | 19.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 12.55 | 2.5 | 0.26 | 9.75 | 21.33 | 1.47 | 2.1 | 0.7 | 6.149 | 13.0 | 42.7 | 2.93 | 57.3 |
| 31.36 | 19.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 13.18 | 2.38 | 0.24 | 10.08 | 22.01 | 1.42 | 2.1 | 0.68 | 6.616 | 13.0 | 40.0 | 3.25 | 60.0 |
| 31.36 | 19.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 13.81 | 2.27 | 0.22 | 10.39 | 22.68 | 1.38 | 2.09 | 0.66 | 7.087 | 13.0 | 37.6 | 3.57 | 62.4 |
| 31.36 | 19.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 14.44 | 2.17 | 0.2 | 10.68 | 23.33 | 1.34 | 2.08 | 0.65 | 7.561 | 13.0 | 35.4 | 3.89 | 64.6 |
| 31.36 | 19.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 15.07 | 2.08 | 0.19 | 10.97 | 23.98 | 1.31 | 2.06 | 0.63 | 8.039 | 13.0 | 33.5 | 4.21 | 66.5 |
| 31.36 | 19.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 15.7 | 2.0 | 0.18 | 11.25 | 24.61 | 1.27 | 2.05 | 0.62 | 8.522 | 13.0 | 31.7 | 4.53 | 68.3 |
| 31.36 | 19.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 16.33 | 1.92 | 0.17 | 11.52 | 25.24 | 1.24 | 2.04 | 0.61 | 9.008 | 13.0 | 30.1 | 4.84 | 69.9 |
| 31.36 | 19.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 16.96 | 1.85 | 0.16 | 11.79 | 25.86 | 1.21 | 2.03 | 0.6 | 9.499 | 13.0 | 28.7 | 5.16 | 71.3 |
| 31.36 | 19.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 17.59 | 1.78 | 0.15 | 12.05 | 26.48 | 1.18 | 2.02 | 0.59 | 9.993 | 13.0 | 27.3 | 5.48 | 72.7 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31.36 | 19.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 18.22 | 1.72 | 0.14 | 12.3 | 27.1 | 1.16 | 2.01 | 0.58 | 10.492 | 13.0 | 26.1 | 5.8 | 73.9 |
| 31.36 | 19.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 18.85 | 1.66 | 0.13 | 12.55 | 27.71 | 1.13 | 2.0 | 0.57 | 10.995 | 13.0 | 24.9 | 6.12 | 75.1 |
| 31.36 | 20.0 | 0.91 | 6.25 | 5.02 | 1.37 | 3.67 | 8.25 | 3.8 | 0.55 | 6.89 | 15.77 | 1.99 | 2.05 | 0.97 | 2.958 | 11.0 | 75.0 | 0.74 | 25.0 |
| 31.36 | 20.0 | 1.22 | 6.25 | 5.02 | 1.37 | 3.67 | 8.91 | 3.52 | 0.48 | 7.41 | 16.98 | 1.85 | 2.08 | 0.89 | 3.433 | 12.0 | 68.0 | 1.05 | 32.0 |
| 31.36 | 20.0 | 1.52 | 6.25 | 5.02 | 1.37 | 3.67 | 9.58 | 3.28 | 0.42 | 7.88 | 18.01 | 1.74 | 2.09 | 0.83 | 3.901 | 12.0 | 62.0 | 1.36 | 38.0 |
| 31.36 | 20.0 | 1.83 | 6.25 | 5.02 | 1.37 | 3.67 | 10.24 | 3.06 | 0.37 | 8.31 | 18.94 | 1.66 | 2.1 | 0.79 | 4.366 | 12.0 | 56.9 | 1.68 | 43.1 |
| 31.36 | 20.0 | 2.13 | 6.25 | 5.02 | 1.37 | 3.67 | 10.91 | 2.88 | 0.33 | 8.7 | 19.79 | 1.58 | 2.1 | 0.76 | 4.832 | 13.0 | 52.4 | 1.99 | 47.6 |
| 31.36 | 20.0 | 2.44 | 6.25 | 5.02 | 1.37 | 3.67 | 11.58 | 2.71 | 0.3 | 9.07 | 20.59 | 1.52 | 2.09 | 0.73 | 5.3 | 13.0 | 48.5 | 2.31 | 51.5 |
| 31.36 | 20.0 | 2.74 | 6.25 | 5.02 | 1.37 | 3.67 | 12.24 | 2.56 | 0.27 | 9.43 | 21.36 | 1.47 | 2.09 | 0.7 | 5.77 | 13.0 | 45.1 | 2.63 | 54.9 |
| 31.36 | 20.0 | 3.05 | 6.25 | 5.02 | 1.37 | 3.67 | 12.91 | 2.43 | 0.25 | 9.76 | 22.09 | 1.42 | 2.08 | 0.68 | 6.244 | 13.0 | 42.1 | 2.96 | 57.9 |
| 31.36 | 20.0 | 3.35 | 6.25 | 5.02 | 1.37 | 3.67 | 13.57 | 2.31 | 0.23 | 10.08 | 22.81 | 1.38 | 2.07 | 0.67 | 6.721 | 13.0 | 39.4 | 3.28 | 60.6 |
| 31.36 | 20.0 | 3.66 | 6.25 | 5.02 | 1.37 | 3.67 | 14.24 | 2.2 | 0.21 | 10.39 | 23.5 | 1.33 | 2.06 | 0.65 | 7.203 | 13.0 | 37.0 | 3.6 | 63.0 |
| 31.36 | 20.0 | 3.96 | 6.25 | 5.02 | 1.37 | 3.67 | 14.91 | 2.1 | 0.2 | 10.69 | 24.19 | 1.3 | 2.04 | 0.63 | 7.689 | 13.0 | 34.9 | 3.92 | 65.1 |
| 31.36 | 20.0 | 4.27 | 6.25 | 5.02 | 1.37 | 3.67 | 15.57 | 2.01 | 0.18 | 10.98 | 24.86 | 1.26 | 2.03 | 0.62 | 8.179 | 13.0 | 32.9 | 4.24 | 67.1 |
| 31.36 | 20.0 | 4.57 | 6.25 | 5.02 | 1.37 | 3.67 | 16.24 | 1.93 | 0.17 | 11.26 | 25.53 | 1.23 | 2.02 | 0.61 | 8.673 | 13.0 | 31.2 | 4.56 | 68.8 |
| 31.36 | 20.0 | 4.88 | 6.25 | 5.02 | 1.37 | 3.67 | 16.9 | 1.86 | 0.16 | 11.53 | 26.19 | 1.2 | 2.01 | 0.6 | 9.171 | 13.0 | 29.6 | 4.88 | 70.4 |
| 31.36 | 20.0 | 5.18 | 6.25 | 5.02 | 1.37 | 3.67 | 17.57 | 1.79 | 0.15 | 11.79 | 26.84 | 1.17 | 2.0 | 0.59 | 9.674 | 13.0 | 28.2 | 5.2 | 71.8 |
| 31.36 | 20.0 | 5.49 | 6.25 | 5.02 | 1.37 | 3.67 | 18.23 | 1.72 | 0.14 | 12.05 | 27.49 | 1.14 | 1.99 | 0.57 | 10.181 | 13.0 | 26.8 | 5.52 | 73.2 |
| 31.36 | 20.0 | 5.79 | 6.25 | 5.02 | 1.37 | 3.67 | 18.9 | 1.66 | 0.14 | 12.3 | 28.14 | 1.11 | 1.97 | 0.56 | 10.692 | 13.0 | 25.6 | 5.84 | 74.4 |
| 31.36 | 20.0 | 6.1 | 6.25 | 5.02 | 1.37 | 3.67 | 19.57 | 1.6 | 0.13 | 12.55 | 28.78 | 1.09 | 1.96 | 0.56 | 11.207 | 13.0 | 24.5 | 6.16 | 75.5 |

Printing Basin Selection Data.....

| Parmeter Name | Unit | Values |
|---|---|---|
| Discharge/ft | cfs/ft | 54.008 |
| Flare Angle | Degree | 8.0 |
| Glasis_Drop | Feet | 13.0 |
| Exit Velocity | Feet/sec | 2.96 |
| Fr1 | | 6.08 |
| Jump_Length | Feet | 49.72 |
| Energy Loss(%) | % | 56.9 |
| Floor Length | Feet | 212.0 |
| Point_1 | Feet | 0.0 |
| Point_2 | Feet | 94.0 |
| Point_3 | Feet | 118.0 |
| Point_4 | Feet | 212.0 |

Printing Seepage Calcualtion Data.....

| locations | uncorrected | mc_corr | t_corrr | corrected |
|---|---|---|---|---|
| Phi_E | 26.99 | -0.9542685777098892 | 0.63 | 27.32 |
| Phi_C1 | 73.01 | 0.9542685777098892 | 0.63 | 74.59 |

Printing thickness calcualtion data.....

| location | p(%) | p(feet) | th_min(feet) |
|---|---|---|---|
| 1.0 | 74.59 | 4.48 | 0.0 |
| 2.0 | 53.63 | 3.22 | 0.0 |
| 3.0 | 48.28 | 2.9 | 2.07 |
| 4.0 | 27.32 | 1.64 | 1.17 |

Printing Input Data for Load Calcualtions.....

| Parameter Name | Unit | Parameter Value | Detail Name |
|---|---|---|---|
| VW | feet | 5.0 | Vent Inner Span/width |
| VH | feet | 6.0 | Vent Height |
| NV | nos | 3.0 | No of Vents |
| Tt | inch | 12.0 | Top Slab thicjness |
| Ts | inch | 18.0 | Abutmet Thicknes |
| Tb | inch | 25.0 | Bottom Slab Thicknes |
| Tp | inch | 15.0 | Pier Thicknes |
| gamma_s | pcf | 120.0 | Soil Fill Unit Wieght |
| phi | degree | 30.0 | friction angle of back fill soil |
| H | feet | 6.0 | Height of srcharge above pier |
| MPF | unitless | 1.2 | Multiple Presnce Factor |
| IM | unitless | 1.3 | Impact factor for Dynamic Loading |
| INVERT_LEVEL | ft-pwd | -5.0 | Invert Level of Regulator |
| EMBANKMENT_CREST_LEVEL | ft-pwd | 19.0 | Emnakment Crest Level |
| h_prime | ft | 3.0 | Additional Surcharge load above Embankemt |

Printing Barrel Load.....

| Notations | LoadName | LoadUnits | LoadType | Load_Value_Maximum | Load_Value_Minimum |
|---|---|---|---|---|---|
| TSL | Load on Top Slab | klf | UDL | -2.228 | -2.228 |
| BSL | Load on Bottom Slab | klf | UDL | 2.47 | 2.47 |
| SWL+ | Load on Left Side Wall | klf | Trapizoidal | 1.26 | 1.7125 |
| SWL(-) | Load on Right Side Wall | klf | Trapizoidal | -1.26 | -1.7125 |