

| Treatment | Machine | Day | Vessel | DMD | OMD | CPD | NDFD | ADFD | |
|-----------|---------|-----|--------|-----|----------|----------|----------|----------|----------|
| 300NPRG | | 1 | 14 | 1 | 82.32572 | 81.52713 | 86.39901 | 70.13549 | 68.26414 |
| RC | | 1 | 14 | 2 | 74.80193 | 74.88962 | 85.231 | 54.33683 | 47.85312 |
| 150NPRG | | 1 | 14 | 3 | 73.87306 | 71.36125 | 87.2079 | 43.9724 | 50.00889 |
| MIX | | 1 | 14 | 4 | 60.63718 | 59.30677 | 72.2072 | 28.44594 | 32.39917 |
| WC | | 1 | 14 | 5 | 77.6042 | 77.19724 | 85.79416 | 55.32002 | 54.38952 |
| PL | | 1 | 14 | 6 | 76.43487 | 74.45999 | 79.75826 | 50.09704 | 50.88923 |
| TIM | | 1 | 14 | 7 | 59.38683 | 55.53785 | 74.84819 | 31.81893 | 22.99928 |
| CHI | | 1 | 14 | 8 | 74.59559 | 72.44107 | 82.31862 | 51.56522 | 49.3332 |
| CHI | | 2 | 14 | 9 | 87.62768 | 86.88833 | 92.53932 | 75.79023 | 75.21256 |
| MIX | | 2 | 14 | 10 | 62.67416 | 61.1972 | 65.12769 | 36.7651 | 34.78077 |
| 300NPRG | | 2 | 14 | 11 | 78.8885 | 77.55579 | 84.80808 | 62.73775 | 60.05429 |
| WC | | 2 | 14 | 12 | 70.24383 | 69.27107 | 77.9344 | 43.4216 | 39.81858 |
| RC | | 2 | 14 | 13 | 78.19984 | 77.59566 | 85.04476 | 60.04866 | 55.36146 |
| TIM | | 2 | 14 | 14 | 54.05656 | 49.96717 | 70.24093 | 24.79933 | 19.53202 |
| 150NPRG | | 2 | 14 | 15 | 62.99 | 58.96063 | 78.41781 | 20.63625 | 30.84055 |
| PL | | 2 | 14 | 16 | 66.11703 | 63.01725 | 69.04555 | 70.01789 | 30.43196 |
| WC | | 3 | 14 | 17 | 80.70273 | 80.26462 | 87.16192 | 61.97395 | 60.56597 |
| RC | | 3 | 14 | 18 | 58.59925 | 56.25141 | 64.01378 | 30.77108 | 21.50949 |
| 150NPRG | | 3 | 14 | 19 | 64.25865 | 60.52034 | 82.73763 | 23.08196 | 30.83393 |
| 300NPRG | | 3 | 14 | 20 | 82.40228 | 81.49047 | 88.2778 | 68.88548 | 67.55824 |
| CHI | | 3 | 14 | 21 | 83.95078 | 82.97159 | 89.51278 | 70.79261 | 70.36102 |
| TIM | | 3 | 14 | 22 | 64.93797 | 61.62831 | 76.80758 | 41.70461 | 74.23966 |
| PL | | 3 | 14 | 23 | 65.40349 | 61.4442 | 65.69914 | 31.59278 | 30.97879 |
| MIX | | 3 | 14 | 24 | 75.59125 | 74.60265 | 82.37052 | 49.5622 | 58.7793 |
| CHI | | 4 | 14 | 25 | 85.24235 | 84.45337 | 91.72629 | 71.56314 | 70.20058 |
| PL | | 4 | 14 | 26 | 83.50324 | 81.7981 | 85.99724 | 65.24381 | 65.80638 |
| 150NPRG | | 4 | 14 | 27 | 73.28986 | 70.27406 | 85.60525 | 44.57803 | 50.69383 |
| RC | | 4 | 14 | 28 | 79.08146 | 78.33942 | 84.82485 | 63.32851 | 57.47376 |
| TIM | | 4 | 14 | 29 | 71.24981 | 68.7076 | 83.40898 | 52.17358 | 50.48321 |
| WC | | 4 | 14 | 30 | 65.94889 | 67.54434 | 74.70317 | 37.54783 | 36.46216 |
| 300NPRG | | 4 | 14 | 31 | 82.92933 | 82.20263 | 86.95446 | 70.92609 | 70.26673 |
| MIX | | 4 | 14 | 32 | 73.80619 | 72.50467 | 81.38542 | 52.18417 | 54.75874 |
| 300NPRG | | 1 | 15 | 1 | 82.50763 | 81.71726 | 86.539 | 70.44286 | 68.59077 |
| RC | | 1 | 15 | 2 | 82.1835 | 82.2455 | 89.55746 | 67.71349 | 63.12912 |
| 150NPRG | | 1 | 15 | 3 | 79.10795 | 77.09941 | 89.77097 | 55.19828 | 60.02528 |
| MIX | | 1 | 15 | 4 | 70.15742 | 69.14879 | 78.92913 | 45.75191 | 48.74902 |
| WC | | 1 | 15 | 5 | 83.37629 | 83.07421 | 89.45544 | 66.83543 | 66.14475 |
| PL | | 1 | 15 | 6 | 79.34546 | 77.6145 | 82.25837 | 56.2607 | 56.95503 |
| TIM | | 1 | 15 | 7 | 58.778 | 54.87132 | 74.47114 | 30.79682 | 21.84495 |
| CHI | | 1 | 15 | 8 | 67.05782 | 64.26403 | 77.07236 | 37.19408 | 34.2998 |
| CHI | | 2 | 15 | 9 | 81.53873 | 80.43552 | 88.8676 | 63.87557 | 63.0136 |
| MIX | | 2 | 15 | 10 | 63.50525 | 62.06117 | 65.90415 | 38.17307 | 36.23292 |
| 300NPRG | | 2 | 15 | 11 | 77.14178 | 75.6988 | 83.55114 | 59.65476 | 56.74927 |
| WC | | 2 | 15 | 12 | 64.17846 | 63.00741 | 73.43664 | 31.88889 | 27.55145 |
| RC | | 2 | 15 | 13 | 82.05 | 81.55252 | 87.68603 | 67.10453 | 63.24515 |
| TIM | | 2 | 15 | 14 | 52.43231 | 48.19835 | 69.18885 | 22.14075 | 16.68723 |
| 150NPRG | | 2 | 15 | 15 | 65.89855 | 62.18584 | 80.11392 | 26.87331 | 36.27567 |
| PL | | 2 | 15 | 16 | 59.36409 | 55.64652 | 62.87627 | 64.0424 | 16.56691 |
| WC | | 3 | 15 | 17 | 67.21676 | 66.47249 | 78.18998 | 35.39932 | 33.00736 |

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| RC | 3 | 15 | 18 | 63.46465 | 61.39273 | 68.24286 | 38.90684 | 30.73367 |
| 150NPRG | 3 | 15 | 19 | 58.9962 | 54.70748 | 80.19598 | 11.75679 | 20.65013 |
| 300NPRG | 3 | 15 | 20 | 79.58 | 78.52195 | 86.39783 | 63.8954 | 62.35531 |
| CHI | 3 | 15 | 21 | 85.94174 | 85.08402 | 90.81375 | 74.41588 | 74.03783 |
| TIM | 3 | 15 | 22 | 47.2545 | 42.27563 | 65.11052 | 12.30345 | 61.24749 |
| PL | 3 | 15 | 23 | 69.19622 | 65.67097 | 69.45945 | 39.09208 | 38.5454 |
| MIX | 3 | 15 | 24 | 76.3951 | 75.43907 | 82.95111 | 51.22328 | 60.13683 |
| CHI | 4 | 15 | 25 | 88.32459 | 87.7004 | 93.45431 | 77.5024 | 76.42442 |
| PL | 4 | 15 | 26 | 85.30378 | 83.78475 | 87.52558 | 69.03729 | 69.53846 |
| 150NPRG | 4 | 15 | 27 | 78.42679 | 75.99099 | 88.37367 | 55.23686 | 60.17646 |
| RC | 4 | 15 | 28 | 78.01909 | 77.23937 | 84.05417 | 61.46611 | 55.31402 |
| TIM | 4 | 15 | 29 | 65.97 | 62.96092 | 80.36213 | 43.39052 | 41.38972 |
| WC | 4 | 15 | 30 | 72.10992 | 73.41669 | 79.28025 | 48.8476 | 47.95836 |
| 300NPRG | 4 | 15 | 31 | 83.94071 | 83.25707 | 87.72737 | 72.64863 | 72.02834 |
| MIX | 4 | 15 | 32 | 71.62837 | 70.21864 | 79.83775 | 48.20864 | 50.99727 |
| 300NPRG | 1 | 16 | 1 | 81.80406 | 80.9819 | 85.99758 | 69.25403 | 67.32745 |
| RC | 1 | 16 | 2 | 82.20241 | 82.26434 | 89.56854 | 67.74775 | 63.16825 |
| 150NPRG | 1 | 16 | 3 | 72.85907 | 70.24977 | 86.71144 | 41.79796 | 48.06872 |
| MIX | 1 | 16 | 4 | 78.38831 | 77.65786 | 84.74069 | 60.71408 | 62.88456 |
| WC | 1 | 16 | 5 | 78.64471 | 78.25666 | 86.45416 | 57.39586 | 56.50859 |
| PL | 1 | 16 | 6 | 78.61665 | 76.82461 | 81.63235 | 54.71732 | 55.43616 |
| TIM | 1 | 16 | 7 | 70.4979 | 67.70193 | 81.7293 | 50.4721 | 44.06535 |
| CHI | 1 | 16 | 8 | 69.78741 | 67.22511 | 78.97215 | 42.39818 | 39.74373 |
| CHI | 2 | 16 | 9 | 80.24081 | 79.06003 | 88.08493 | 61.33584 | 60.41327 |
| MIX | 2 | 16 | 10 | 56.01297 | 54.27243 | 58.90436 | 25.48017 | 23.14171 |
| 300NPRG | 2 | 16 | 11 | 75.28649 | 73.72639 | 82.21607 | 56.38014 | 53.23882 |
| WC | 2 | 16 | 12 | 73.36832 | 72.4977 | 80.25136 | 49.36251 | 46.13782 |
| RC | 2 | 16 | 13 | 78.32526 | 77.72455 | 85.1308 | 60.27851 | 55.61828 |
| TIM | 2 | 16 | 14 | 59.70715 | 56.12072 | 73.901 | 34.04827 | 29.42879 |
| 150NPRG | 2 | 16 | 15 | 54.53123 | 49.58093 | 73.48513 | 2.497391 | 15.03391 |
| PL | 2 | 16 | 16 | 58.68922 | 54.90991 | 62.25973 | 63.44523 | 15.18128 |
| WC | 3 | 16 | 17 | 82.02899 | 81.62099 | 88.04425 | 64.5874 | 63.27618 |
| RC | 3 | 16 | 18 | 65.14095 | 63.16408 | 69.69993 | 41.70988 | 33.9117 |
| 150NPRG | 3 | 16 | 19 | 69.63468 | 66.45867 | 85.33415 | 34.65159 | 41.23754 |
| 300NPRG | 3 | 16 | 20 | 78.60788 | 77.49946 | 85.75028 | 62.1766 | 60.56319 |
| CHI | 3 | 16 | 21 | 84.43067 | 83.48075 | 89.82636 | 71.66594 | 71.24725 |
| TIM | 3 | 16 | 22 | 59.23192 | 55.38364 | 73.03321 | 32.21752 | 70.04739 |
| PL | 3 | 16 | 23 | 61.14557 | 56.699 | 61.4776 | 23.17365 | 22.4841 |
| MIX | 3 | 16 | 24 | 76.04541 | 75.07521 | 82.69854 | 50.50067 | 59.54627 |
| CHI | 4 | 16 | 25 | 88.91904 | 88.32663 | 93.78758 | 78.64785 | 77.62475 |
| PL | 4 | 16 | 26 | 85.97903 | 84.5298 | 88.09874 | 70.45993 | 70.93808 |
| 150NPRG | 4 | 16 | 27 | 63.6545 | 59.5508 | 80.41253 | 24.58524 | 32.90724 |
| RC | 4 | 16 | 28 | 76.52278 | 75.68997 | 82.96868 | 58.84297 | 52.27209 |
| TIM | 4 | 16 | 29 | 69.84892 | 67.18283 | 82.60056 | 49.84318 | 48.07044 |
| WC | 4 | 16 | 30 | 75.63799 | 76.77946 | 81.90128 | 55.31834 | 54.54159 |
| 300NPRG | 4 | 16 | 31 | 82.54349 | 81.80037 | 86.6596 | 70.26895 | 69.59469 |
| MIX | 4 | 16 | 32 | 74.5225 | 73.25657 | 81.89446 | 53.49176 | 55.99593 |
| 300NPRG | 1 | 17 | 1 | 78.14722 | 77.15983 | 83.18351 | 63.07501 | 60.76125 |
| RC | 1 | 17 | 2 | 79.52638 | 79.59763 | 88.00008 | 62.89833 | 57.63027 |
| 150NPRG | 1 | 17 | 3 | 65.82409 | 62.53845 | 83.26702 | 26.71187 | 34.60803 |

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| MIX | 1 | 17 | 4 | 79.75287 | 79.06855 | 85.70417 | 63.1946 | 65.22803 |
| WC | 1 | 17 | 5 | 83.42667 | 83.12552 | 89.4874 | 66.93596 | 66.24737 |
| PL | 1 | 17 | 6 | 71.08959 | 68.66674 | 75.16683 | 38.77755 | 39.74943 |
| TIM | 1 | 17 | 7 | 64.57764 | 61.2206 | 78.06287 | 40.53321 | 32.8408 |
| CHI | 1 | 17 | 8 | 72.77011 | 70.46077 | 81.04809 | 48.08484 | 45.69244 |
| CHI | 2 | 17 | 9 | 78.52664 | 77.24343 | 87.05127 | 57.98161 | 56.97901 |
| MIX | 2 | 17 | 10 | 61.215 | 59.6803 | 63.76444 | 34.29309 | 32.23119 |
| 300NPRG | 2 | 17 | 11 | 72.33023 | 70.58351 | 80.08873 | 51.16227 | 47.64518 |
| WC | 2 | 17 | 12 | 69.60256 | 68.60883 | 77.45887 | 42.20228 | 38.52161 |
| RC | 2 | 17 | 13 | 79.80841 | 79.24881 | 86.14827 | 62.99655 | 58.65522 |
| TIM | 2 | 17 | 14 | 51.36851 | 47.03987 | 68.49979 | 20.39952 | 14.82403 |
| 150NPRG | 2 | 17 | 15 | 66.23838 | 62.56267 | 80.31209 | 27.60204 | 36.9107 |
| PL | 2 | 17 | 16 | 65.85443 | 62.73062 | 68.80564 | 69.78552 | 29.89278 |
| WC | 3 | 17 | 17 | 77.06591 | 76.54524 | 84.74242 | 54.80745 | 53.13411 |
| RC | 3 | 17 | 18 | 55.93038 | 53.43119 | 61.69395 | 26.3083 | 16.44966 |
| 150NPRG | 3 | 17 | 19 | 76.49425 | 74.03571 | 88.64719 | 49.41389 | 54.51207 |
| 300NPRG | 3 | 17 | 20 | 79.14753 | 78.06708 | 86.10975 | 63.13076 | 61.55804 |
| CHI | 3 | 17 | 21 | 79.66171 | 78.42083 | 86.71012 | 62.98709 | 62.44014 |
| TIM | 3 | 17 | 22 | 60.01743 | 56.24331 | 73.5528 | 33.52355 | 70.62451 |
| PL | 3 | 17 | 23 | 66.04488 | 62.15899 | 66.33505 | 32.86099 | 32.25839 |
| MIX | 3 | 17 | 24 | 73.9001 | 72.84301 | 81.14907 | 46.06764 | 55.92334 |
| CHI | 4 | 17 | 25 | 81.86179 | 80.89208 | 89.83102 | 65.04907 | 63.37439 |
| PL | 4 | 17 | 26 | 84.52045 | 82.92045 | 86.86067 | 67.38692 | 67.91481 |
| 150NPRG | 4 | 17 | 27 | 58.37781 | 53.67833 | 77.56879 | 13.63643 | 23.16662 |
| RC | 4 | 17 | 28 | 76.89953 | 76.08008 | 83.24199 | 59.50343 | 53.038 |
| TIM | 4 | 17 | 29 | 66.22889 | 63.2427 | 80.51152 | 43.82118 | 41.83561 |
| WC | 4 | 17 | 30 | 73.20771 | 74.46305 | 80.09581 | 50.86103 | 50.00679 |
| 300NPRG | 4 | 17 | 31 | 80.05452 | 79.20544 | 84.75751 | 66.02987 | 65.25947 |
| MIX | 4 | 17 | 32 | 69.25919 | 67.73173 | 78.15409 | 43.88377 | 46.90527 |
| 300NPRG | 1 | 18 | 1 | 81.86723 | 81.04793 | 86.04619 | 69.36078 | 67.44089 |
| RC | 1 | 18 | 2 | 82.53936 | 82.60012 | 89.76603 | 68.35836 | 63.86556 |
| 150NPRG | 1 | 18 | 3 | 58.52574 | 54.53844 | 79.69365 | 11.06101 | 20.64341 |
| MIX | 1 | 18 | 4 | 78.70409 | 77.98432 | 84.96366 | 61.28812 | 63.42688 |
| WC | 1 | 18 | 5 | 76.55536 | 76.12934 | 85.12887 | 53.22758 | 52.2535 |
| PL | 1 | 18 | 6 | 77.77352 | 75.91082 | 80.90812 | 52.93185 | 53.67903 |
| TIM | 1 | 18 | 7 | 63.43024 | 59.96445 | 77.35228 | 38.60696 | 30.66538 |
| CHI | 1 | 18 | 8 | 76.2392 | 74.22407 | 83.46257 | 54.69884 | 52.61123 |
| CHI | 2 | 18 | 9 | 80.84071 | 79.69579 | 88.44668 | 62.50972 | 61.61516 |
| MIX | 2 | 18 | 10 | 55.03194 | 53.25257 | 57.98781 | 23.81816 | 21.42755 |
| 300NPRG | 2 | 18 | 11 | 73.44871 | 71.77259 | 80.89359 | 53.1364 | 49.76149 |
| WC | 2 | 18 | 12 | 76.13445 | 75.35425 | 82.30257 | 54.62202 | 51.73226 |
| RC | 2 | 18 | 13 | 75.61741 | 74.94166 | 83.27318 | 55.31605 | 50.07362 |
| TIM | 2 | 18 | 14 | 56.537 | 52.6684 | 71.84759 | 28.85935 | 23.87641 |
| 150NPRG | 2 | 18 | 15 | 59.37881 | 54.95628 | 76.31196 | 12.89247 | 24.09243 |
| PL | 2 | 18 | 16 | 55.64677 | 51.58911 | 59.48023 | 60.75304 | 8.93455 |
| WC | 3 | 18 | 17 | 75.34948 | 74.78984 | 83.60051 | 51.42516 | 49.62658 |
| RC | 3 | 18 | 18 | 56.86059 | 54.41414 | 62.5025 | 27.86375 | 18.2132 |
| 150NPRG | 3 | 18 | 19 | 75.81809 | 73.28882 | 88.32062 | 47.95874 | 53.20357 |
| 300NPRG | 3 | 18 | 20 | 76.69086 | 75.48312 | 84.47331 | 58.78712 | 57.02913 |
| CHI | 3 | 18 | 21 | 76.459 | 75.02271 | 84.61734 | 57.15859 | 56.52552 |

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| TIM | 3 | 18 | 22 | 57.44525 | 53.42832 | 71.85138 | 29.24694 | 68.7347 |
| PL | 3 | 18 | 23 | 64.12307 | 60.01725 | 64.42966 | 29.06102 | 28.42431 |
| MIX | 3 | 18 | 24 | 71.49476 | 70.34025 | 79.41178 | 41.09729 | 51.86128 |
| CHI | 4 | 18 | 25 | 87.179 | 86.49356 | 92.81205 | 75.29492 | 74.11117 |
| PL | 4 | 18 | 26 | 57.27141 | 52.8549 | 63.73118 | 9.977309 | 11.43444 |
| 150NPRG | 4 | 18 | 27 | 58.35982 | 53.6583 | 77.55909 | 13.5991 | 23.13341 |
| RC | 4 | 18 | 28 | 74.34555 | 73.43551 | 81.38923 | 55.02616 | 47.84591 |
| TIM | 4 | 18 | 29 | 68.27818 | 65.47319 | 81.69412 | 47.23021 | 45.36512 |
| WC | 4 | 18 | 30 | 74.87476 | 76.05199 | 81.33427 | 53.91853 | 53.11744 |
| 300NPRG | 4 | 18 | 31 | 79.53273 | 78.66143 | 84.35875 | 65.14118 | 64.35062 |
| MIX | 4 | 18 | 32 | 62.75912 | 60.90869 | 73.53483 | 32.01815 | 35.67853 |
| 300NPRG | 1 | 19 | 1 | 81.09028 | 80.23587 | 85.4483 | 68.04794 | 66.04579 |
| RC | 1 | 19 | 2 | 81.2194 | 81.28476 | 88.99239 | 65.96638 | 61.13394 |
| 150NPRG | 1 | 19 | 3 | 64.86801 | 61.49046 | 82.79891 | 24.66163 | 32.77868 |
| MIX | 1 | 19 | 4 | 76.41588 | 75.61877 | 83.34802 | 57.12859 | 59.49715 |
| WC | 1 | 19 | 5 | 85.16464 | 84.89507 | 90.58981 | 70.40323 | 69.78685 |
| PL | 1 | 19 | 6 | 76.42593 | 74.4503 | 79.75059 | 50.07812 | 50.8706 |
| TIM | 1 | 19 | 7 | 57.02854 | 52.95605 | 73.38769 | 27.85984 | 18.52805 |
| CHI | 1 | 19 | 8 | 68.77511 | 66.12696 | 78.26759 | 40.46818 | 37.72478 |
| CHI | 2 | 19 | 9 | 79.79127 | 78.58363 | 87.81385 | 60.4562 | 59.51264 |
| MIX | 2 | 19 | 10 | 50.91209 | 48.96971 | 54.13877 | 16.8386 | 14.22896 |
| 300NPRG | 2 | 19 | 11 | 65.25928 | 63.06619 | 75.00044 | 38.68189 | 34.26602 |
| WC | 2 | 19 | 12 | 63.38505 | 62.18807 | 72.8483 | 30.38032 | 25.9468 |
| RC | 2 | 19 | 13 | 77.46274 | 76.83813 | 84.5391 | 58.69783 | 53.85216 |
| TIM | 2 | 19 | 14 | 49.5517 | 45.06135 | 67.32299 | 17.42575 | 11.64196 |
| 150NPRG | 2 | 19 | 15 | 60.31034 | 55.98923 | 76.85518 | 14.89004 | 25.83316 |
| PL | 2 | 19 | 16 | 55.73711 | 51.68772 | 59.56276 | 60.83298 | 9.120034 |
| WC | 3 | 19 | 17 | 81.77331 | 81.35951 | 87.87416 | 64.08358 | 62.7537 |
| RC | 3 | 19 | 18 | 61.63109 | 59.45518 | 66.6491 | 35.84081 | 27.25746 |
| 150NPRG | 3 | 19 | 19 | 73.69365 | 70.94218 | 87.29455 | 43.38679 | 49.0924 |
| 300NPRG | 3 | 19 | 20 | 72.65465 | 71.23777 | 81.78471 | 51.65069 | 49.58828 |
| CHI | 3 | 19 | 21 | 82.55305 | 81.48858 | 88.59944 | 68.24894 | 67.77975 |
| TIM | 3 | 19 | 22 | 57.70502 | 53.71262 | 72.02321 | 29.67886 | 68.92556 |
| PL | 3 | 19 | 23 | 60.8511 | 56.37082 | 61.18564 | 22.59139 | 21.89661 |
| MIX | 3 | 19 | 24 | 53.61008 | 51.73122 | 66.49439 | 4.140726 | 21.65823 |
| CHI | 4 | 19 | 25 | 87.06613 | 86.37465 | 92.74877 | 75.07743 | 73.88325 |
| PL | 4 | 19 | 26 | 60.50201 | 56.41942 | 66.47337 | 16.78368 | 18.13065 |
| 150NPRG | 4 | 19 | 27 | 61.92154 | 57.62217 | 79.47859 | 20.98945 | 29.70824 |
| RC | 4 | 19 | 28 | 70.02895 | 68.96579 | 78.2578 | 47.45888 | 39.07049 |
| TIM | 4 | 19 | 29 | 62.74104 | 59.44644 | 78.49878 | 38.0191 | 35.82845 |
| WC | 4 | 19 | 30 | 70.84716 | 72.2131 | 78.34214 | 46.53162 | 45.60212 |
| 300NPRG | 4 | 19 | 31 | 81.81385 | 81.03967 | 86.10201 | 69.02627 | 68.32383 |
| MIX | 4 | 19 | 32 | 65.18731 | 63.45753 | 75.26042 | 36.45072 | 39.87244 |
| 300NPRG | 1 | 20 | 1 | 82.08321 | 81.27366 | 86.21239 | 69.72571 | 67.82869 |
| RC | 1 | 20 | 2 | 81.65563 | 81.71947 | 89.24807 | 66.7569 | 62.03671 |
| 150NPRG | 1 | 20 | 3 | 66.95702 | 63.7803 | 83.82172 | 29.14138 | 36.77578 |
| MIX | 1 | 20 | 4 | 75.10025 | 74.25867 | 82.4191 | 54.73703 | 57.23772 |
| WC | 1 | 20 | 5 | 80.16692 | 79.80653 | 87.41971 | 60.43269 | 59.60866 |
| PL | 1 | 20 | 6 | 79.58097 | 77.86974 | 82.46066 | 56.75941 | 57.44583 |
| TIM | 1 | 20 | 7 | 52.33233 | 47.81478 | 70.47933 | 19.97589 | 9.624261 |

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| CHI | 1 | 20 | 8 | 69.83423 | 67.27589 | 79.00473 | 42.48743 | 39.83709 |
| CHI | 2 | 20 | 9 | 83.48915 | 82.50249 | 90.04373 | 67.69209 | 66.92119 |
| MIX | 2 | 20 | 10 | 58.88761 | 57.26082 | 61.59004 | 30.35019 | 28.16455 |
| 300NPRG | 2 | 20 | 11 | 70.4595 | 68.59469 | 78.74254 | 47.86039 | 44.10552 |
| WC | 2 | 20 | 12 | 78.0765 | 77.3598 | 83.7427 | 58.31465 | 55.66004 |
| RC | 2 | 20 | 13 | 74.5212 | 73.81506 | 82.52116 | 53.30711 | 47.82899 |
| TIM | 2 | 20 | 14 | 56.13011 | 52.22529 | 71.58404 | 28.19335 | 23.16377 |
| 150NPRG | 2 | 20 | 15 | 62.75062 | 58.69519 | 78.27822 | 20.12294 | 30.39323 |
| PL | 2 | 20 | 16 | 64.86237 | 61.6478 | 67.89933 | 68.90767 | 27.8559 |
| WC | 3 | 20 | 17 | 80.3482 | 79.90205 | 86.92606 | 61.27534 | 59.84149 |
| RC | 3 | 20 | 18 | 54.64398 | 52.07183 | 60.57579 | 24.15722 | 14.0108 |
| 150NPRG | 3 | 20 | 19 | 69.86502 | 66.7131 | 85.4454 | 35.14729 | 41.68329 |
| 300NPRG | 3 | 20 | 20 | 75.33717 | 74.05929 | 83.57159 | 56.39366 | 54.53357 |
| CHI | 3 | 20 | 21 | 82.87026 | 81.82514 | 88.80672 | 68.82622 | 68.36556 |
| TIM | 3 | 20 | 22 | 52.04651 | 47.51997 | 68.28028 | 20.2708 | 64.76821 |
| PL | 3 | 20 | 23 | 52.62232 | 47.20033 | 53.02719 | 6.320743 | 5.479925 |
| MIX | 3 | 20 | 24 | 63.33333 | 61.84828 | 73.51711 | 24.23267 | 38.07853 |
| CHI | 4 | 20 | 25 | 85.44797 | 84.66999 | 91.84157 | 71.95936 | 70.61579 |
| PL | 4 | 20 | 26 | 69.66484 | 66.52933 | 74.25095 | 36.08838 | 37.12287 |
| 150NPRG | 4 | 20 | 27 | 60.10845 | 55.60436 | 78.50147 | 17.22739 | 26.36132 |
| RC | 4 | 20 | 28 | 72.90071 | 71.93942 | 80.34109 | 52.49326 | 44.90862 |
| TIM | 4 | 20 | 29 | 56.58442 | 52.74542 | 74.94594 | 27.77745 | 25.22482 |
| WC | 4 | 20 | 30 | 67.01113 | 68.55681 | 75.49232 | 39.49606 | 38.44425 |
| 300NPRG | 4 | 20 | 31 | 78.9585 | 78.06276 | 83.91992 | 64.16318 | 63.35045 |
| MIX | 4 | 20 | 32 | 63.18504 | 61.35577 | 73.83751 | 32.79564 | 36.41416 |

| pHVessel | pHoverflow | NH3invesl | NH3inOvrfl | TVFA | Acetate | Propionate | Butyrate |
|----------|------------|-----------|------------|------|---------|------------|----------|
| 6.02 | | | | | | | |
| 6.6 | | | | | | | |
| 6.35 | | | | | | | |
| 6.83 | | | | | | | |
| 6.89 | | | | | | | |
| 6.77 | | | | | | | |
| 6.57 | | | | | | | |
| 6.69 | | | | | | | |
| 6.8 | | | | | | | |
| 6.94 | | | | | | | |
| 6.57 | | | | | | | |
| 6.95 | | | | | | | |
| 6.66 | | | | | | | |
| 6.88 | | | | | | | |
| 6.8 | | | | | | | |
| 6.96 | | | | | | | |
| 6.95 | | | | | | | |
| 6.55 | | | | | | | |
| 6.45 | | | | | | | |
| 6.1 | | | | | | | |
| 6.5 | | | | | | | |
| 6.56 | | | | | | | |
| 6.95 | | | | | | | |
| 6.42 | | | | | | | |
| 6.6 | | | | | | | |
| 6.51 | | | | | | | |
| 6.46 | | | | | | | |
| 6.65 | | | | | | | |
| 6.56 | | | | | | | |
| 6.7 | | | | | | | |
| 6.68 | | | | | | | |
| 6.42 | | | | | | | |
| 6.3 | | | | | | | |
| 6.31 | | | | | | | |
| 6.3 | | | | | | | |
| 6.42 | | | | | | | |
| 6.57 | | | | | | | |
| 6.71 | | | | | | | |
| 6.49 | | | | | | | |
| 6.89 | | | | | | | |
| 6.78 | | | | | | | |
| 6.86 | | | | | | | |
| 6.55 | | | | | | | |
| 6.94 | | | | | | | |
| 6.74 | | | | | | | |
| 6.88 | | | | | | | |
| 6.87 | | | | | | | |
| 6.95 | | | | | | | |
| 6.94 | | | | | | | |

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|------|------|--------|--------|----------|----------|-------------|----------|
| 6.92 | | | | | | | |
| 6.78 | | | | | | | |
| 6.56 | | | | | | | |
| 6.78 | | | | | | | |
| 6.88 | | | | | | | |
| 6.96 | | | | | | | |
| 6.57 | | | | | | | |
| 6.92 | | | | | | | |
| 6.79 | | | | | | | |
| 6.76 | | | | | | | |
| 6.78 | | | | | | | |
| 6.7 | | | | | | | |
| 6.99 | | | | | | | |
| 6.58 | | | | | | | |
| 6.61 | | | | | | | |
| 5.99 | 5.98 | | | | | | |
| 6.35 | 6.4 | | | | | | |
| 6.36 | 6.37 | | | | | | |
| 6.11 | 6.2 | | | | | | |
| 6.43 | 6.46 | | | | | | |
| 6.62 | 6.67 | | | | | | |
| 6.11 | 6.24 | | | | | | |
| 6.76 | 6.73 | | | | | | |
| 6.75 | 6.67 | | | | | | |
| 6.85 | 6.75 | | | | | | |
| 6.72 | 6.65 | | | | | | |
| 6.85 | 6.84 | | | | | | |
| 6.71 | 6.57 | | | | | | |
| 6.87 | 6.82 | | | | | | |
| 6.74 | 6.57 | | | | | | |
| 6.89 | 6.98 | | | | | | |
| 6.74 | 6.59 | | | | | | |
| 6.92 | 6.79 | | | | | | |
| 6.55 | 6.39 | | | | | | |
| 6.44 | 6.28 | | | | | | |
| 6.83 | 6.89 | | | | | | |
| 6.7 | 6.64 | | | | | | |
| 6.9 | 6.77 | | | | | | |
| 6.64 | 6.4 | | | | | | |
| 6.74 | 6.76 | | | | | | |
| 6.63 | 6.59 | | | | | | |
| 6.77 | 6.78 | | | | | | |
| 6.72 | 6.64 | | | | | | |
| 6.49 | 6.47 | | | | | | |
| 6.96 | 6.95 | | | | | | |
| 6.48 | 6.45 | | | | | | |
| 6.54 | 6.45 | | | | | | |
| 6.34 | 6.03 | 19.67 | 19.33 | 143.1093 | 108.7367 | 21.99177504 | 12.3809 |
| 6.49 | 6.29 | 120.67 | 142.67 | 168.2975 | 146.2332 | 14.00705602 | 8.057183 |
| 6.79 | 6.63 | 70.33 | 65.33 | 115.6089 | 69.71293 | 28.76447621 | 17.13152 |

| | | | | | | | |
|------|------|--------|--------|----------|----------|-------------|----------|
| 6.39 | 6.13 | 35.67 | 40.67 | 182.0869 | 108.1432 | 59.13066658 | 14.81308 |
| 6.6 | 6.44 | 218.33 | 264.67 | 147.5217 | 90.80375 | 49.02607215 | 7.691847 |
| 6.67 | 6.48 | 76.67 | 120.67 | 105.279 | 57.62154 | 39.4786422 | 8.178828 |
| 6.7 | 6.53 | 14 | 19.67 | 165.8156 | 138.2617 | 14.32784545 | 13.22611 |
| 6.73 | 6.74 | 113 | 166.33 | 161.7135 | 103.9689 | 49.42549435 | 8.319175 |
| 6.82 | 6.76 | 95 | 191.67 | 151.4529 | 135.0337 | 11.07502455 | 5.344136 |
| 6.91 | 6.87 | 52.33 | 77 | 81.07231 | 60.80664 | 11.38225687 | 8.883406 |
| 6.56 | 6.89 | 57.67 | 94.67 | 137.6024 | 118.2014 | 11.87097435 | 7.53004 |
| 6.89 | 6.89 | 168 | 204.67 | 87.62244 | 73.07399 | 8.021270248 | 6.527178 |
| 6.68 | 6.57 | 120.67 | 217 | 102.8262 | 92.07427 | 6.111239921 | 4.640677 |
| 6.84 | 6.73 | 43.33 | 165.33 | 141.8975 | 124.4489 | 11.4518007 | 5.996757 |
| 6.85 | 6.71 | 85.67 | 101.33 | 119.8163 | 63.75465 | 43.83486056 | 12.22681 |
| 6.93 | 7.16 | 69.33 | 94.67 | 61.11158 | 45.27781 | 7.222950425 | 8.61082 |
| 6.8 | 6.66 | 139.67 | 210.33 | 178.7988 | 153.9652 | 16.51841129 | 8.315257 |
| 6.97 | 7 | 123 | 159.33 | 136.1302 | 118.3267 | 8.841989347 | 8.961484 |
| 6.53 | 6.4 | 46 | 77.33 | 104.9557 | 82.10024 | 9.466352547 | 13.38907 |
| 6.54 | 6.51 | 41 | 35.67 | 146.7317 | 113.7709 | 20.19054731 | 12.77023 |
| 6.79 | 6.93 | 180 | 229.67 | 128.3009 | 109.1974 | 13.33522751 | 5.76829 |
| 6.77 | 6.71 | 14.33 | 37 | 99.55031 | 76.23339 | 11.21330281 | 12.10362 |
| 6.9 | 6.93 | 56.33 | 105.33 | 67.69381 | 52.6091 | 7.23525351 | 7.849454 |
| 6.56 | 6.38 | 8.33 | 15.33 | 71.86304 | 54.38974 | 10.50117218 | 6.97213 |
| 6.84 | 6.7 | 188.67 | 210 | 100.3138 | 83.08246 | 12.81648446 | 4.414848 |
| 6.95 | 6.89 | 91.67 | 160.33 | 141.7215 | 117.0021 | 15.26575317 | 9.453655 |
| 6.87 | 6.7 | 86 | 93 | 106.9862 | 90.34058 | 7.906309395 | 8.739277 |
| 6.5 | 6.52 | 136 | 147.67 | 108.5181 | 96.22311 | 7.606196859 | 4.688796 |
| 6.59 | 6.65 | 24.33 | 49 | 113.8073 | 91.01371 | 13.47315603 | 9.320409 |
| 6.93 | 7.02 | 131.67 | 275.67 | 64.97014 | 49.27637 | 8.587358869 | 7.106411 |
| 6.58 | 6.48 | 20.33 | 27.33 | 77.68474 | 55.32822 | 14.37553424 | 7.980987 |
| 6.33 | 6.48 | 14.33 | 10.33 | 80.91979 | 59.47574 | 12.21620648 | 9.227841 |
| 6.51 | 6.32 | 9.67 | 33.33 | 103.9213 | 71.39997 | 18.83909517 | 13.68223 |
| 6.64 | 6.47 | 110.33 | 165.33 | 101.4028 | 73.57279 | 17.8358417 | 9.994184 |
| 6.85 | 6.76 | 109 | 101.67 | 58.92741 | 35.97526 | 11.24561398 | 11.70654 |
| 6.5 | 6.34 | 21 | 24.33 | 101.1298 | 69.38508 | 18.07893379 | 13.66583 |
| 6.72 | 6.55 | 255.33 | 285 | 99.95682 | 71.97081 | 18.46218676 | 9.523829 |
| 6.8 | 6.64 | 41.33 | 81.33 | 82.6434 | 50.96766 | 16.86810141 | 14.80764 |
| 6.77 | 6.56 | 53.33 | 50 | 70.81689 | 44.98753 | 14.55289295 | 11.27647 |
| 6.95 | 6.95 | 184 | 238.33 | 60.32649 | 41.58001 | 11.05754657 | 7.688935 |
| 6.95 | 6.78 | 188.33 | 184 | 81.46314 | 62.85477 | 12.42692292 | 6.181444 |
| 6.95 | 6.97 | 75.67 | 79.33 | 84.98745 | 58.06382 | 14.63975474 | 12.28388 |
| 6.85 | 6.66 | 34.67 | 68.33 | 85.63077 | 56.64991 | 18.83243891 | 10.14842 |
| 6.94 | 6.91 | 207 | 189 | 46.47754 | 32.29565 | 8.70037833 | 5.481517 |
| 6.81 | 6.61 | 164.33 | 159.33 | 90.39601 | 71.74634 | 12.1956884 | 6.453977 |
| 6.83 | 6.82 | 51.33 | 49 | 97.15962 | 72.63645 | 12.66708565 | 11.85609 |
| 6.9 | 6.87 | 124.67 | 139.67 | 60.736 | 38.77463 | 10.84147495 | 11.11989 |
| 6.94 | 7.15 | 51 | 73.67 | 86.1708 | 67.78347 | 9.294518494 | 9.092817 |
| 6.78 | 6.64 | 232.67 | 249.33 | 154.5792 | 128.7416 | 17.43533916 | 8.402189 |
| 6.98 | 6.86 | 166 | 136.67 | 78.51851 | 66.43533 | 6.784599138 | 5.298587 |
| 6.48 | 6.86 | 91.33 | 84.33 | 160.6101 | 125.5588 | 18.39150091 | 16.65989 |
| 6.66 | 6.59 | 31.67 | 69.67 | 120.9459 | 93.81325 | 17.20879344 | 9.923842 |
| 6.84 | 6.99 | 188.33 | 215 | 126.5373 | 103.6481 | 15.36165727 | 7.527559 |

| | | | | | | | |
|------|------|--------|--------|----------|----------|-------------|----------|
| 6.65 | 6.52 | 48.33 | 47.67 | 110.7288 | 87.71438 | 12.62617936 | 10.38822 |
| 6.88 | 6.76 | 64.67 | 67.33 | 78.13866 | 57.89584 | 10.48951994 | 9.753298 |
| 6.86 | 6.87 | 8.67 | 7.33 | 160.1601 | 133.3981 | 16.3291035 | 10.43292 |
| 6.79 | 6.67 | 146 | 211.33 | 180.9653 | 153.4391 | 19.90763429 | 7.618511 |
| 6.96 | 6.86 | 112.67 | 123.67 | 166.25 | 136.256 | 18.3549514 | 11.63905 |
| 6.81 | 6.71 | 75 | 76.67 | 53.42356 | 36.74929 | 7.722150468 | 8.952121 |
| 6.57 | 6.47 | 231 | 208.67 | 134.3652 | 109.2564 | 16.78984825 | 8.318878 |
| 6.58 | 6.61 | 23.33 | 34.33 | 136.7704 | 108.2124 | 17.19269742 | 11.36535 |
| 6.93 | 6.96 | 209.67 | 227.33 | 102.89 | 81.47869 | 13.13996409 | 8.27136 |
| 6.55 | 6.35 | 27 | 28.67 | 140.6177 | 108.0108 | 20.76587537 | 11.84094 |
| 6.74 | 6.44 | 30.33 | 27.33 | 156.7851 | 127.1199 | 17.64230872 | 12.02292 |
| 6.46 | 6.45 | 41.33 | 57.67 | 149.7021 | 99.3865 | 37.99128013 | 12.32432 |
| 6.51 | 6.54 | 156.33 | 157.67 | 208.7456 | 157.2752 | 39.25733275 | 12.21306 |
| 6.72 | 6.64 | 97 | 73.67 | 115.0824 | 68.63463 | 33.97098482 | 12.47675 |
| 6.48 | 6.61 | 22.33 | 13.67 | 235.1311 | 154.3975 | 61.7629344 | 18.97062 |
| 6.67 | 6.63 | 281.33 | 294 | 195.142 | 143.1344 | 41.75095573 | 10.25667 |
| 6.71 | 6.65 | 70 | 58.33 | 158.019 | 120.4099 | 21.33826325 | 16.27082 |
| 6.73 | 6.66 | 39.33 | 35.67 | 125.9414 | 76.49769 | 36.83639653 | 12.6073 |
| 6.97 | 6.91 | 161.33 | 237 | 76.39559 | 61.38332 | 9.34701743 | 5.665254 |
| 6.77 | 6.79 | 172 | 189.67 | 143.4223 | 117.7525 | 17.43751775 | 8.232331 |
| 6.93 | 6.94 | 57.33 | 75.33 | 97.52584 | 62.49368 | 27.18570875 | 7.846447 |
| 6.82 | 6.9 | 76.33 | 68 | 114.6298 | 73.21035 | 31.57531872 | 9.84409 |
| 6.87 | 6.88 | 169.67 | 210 | 97.05847 | 80.71286 | 10.68309418 | 5.662521 |
| 6.77 | 6.7 | 128.67 | 165.33 | 95.10877 | 72.59941 | 14.49253892 | 8.016821 |
| 6.91 | 6.84 | 62 | 57 | 74.72266 | 54.77752 | 10.63157802 | 9.313557 |
| 6.82 | 6.79 | 125 | 136.33 | 78.92822 | 56.35266 | 12.06608106 | 10.50949 |
| 6.94 | 6.99 | 63 | 86.33 | 70.07062 | 53.81301 | 8.377935492 | 7.87968 |
| 6.82 | 6.88 | 209 | 237.33 | 131.5385 | 107.2958 | 17.10049873 | 7.142242 |
| 6.96 | 7.04 | 128.33 | 149.33 | 99.86424 | 67.5832 | 24.96981458 | 7.311231 |
| 6.61 | 6.51 | 87.33 | 78 | 138.5321 | 94.7653 | 24.23209706 | 19.53469 |
| 6.79 | 6.77 | 32.67 | 50 | 140.0605 | 115.3497 | 16.88394227 | 7.82682 |
| 6.84 | 6.92 | 151.33 | 158 | 125.5111 | 104.2383 | 14.93991496 | 6.332828 |
| 6.85 | 6.84 | 24.33 | 43.33 | 97.27766 | 70.92563 | 14.61012318 | 11.7419 |
| 6.92 | 7.04 | 65.67 | 21 | 156.1576 | 98.56964 | 45.92839209 | 11.65953 |
| 6.84 | 6.85 | 31.33 | 82.67 | 104.5807 | 67.36517 | 26.46558386 | 10.74999 |
| 6.86 | 6.77 | 187.33 | 185.67 | 176.0328 | 134.7682 | 34.08562952 | 7.178976 |
| 6.88 | 6.86 | 82.33 | 115 | 147.8086 | 89.66513 | 43.51345461 | 14.62999 |
| 6.92 | 6.91 | 103 | 64.67 | 110.3995 | 64.79053 | 32.50719849 | 13.10174 |
| 6.86 | 6.77 | 261.33 | 4.67 | 144.1488 | 119.5926 | 15.7702819 | 8.7859 |
| 6.83 | 6.8 | 10 | 109 | 97.73049 | 74.40505 | 16.65545673 | 6.669978 |
| 6.99 | 7.16 | 176.33 | 155 | 71.80406 | 58.00527 | 8.386534827 | 5.412257 |
| 6.57 | 6.75 | 14.67 | 11.67 | 173.6801 | 112.592 | 48.35996754 | 12.72814 |
| 6.86 | 6.88 | 9.67 | 20.33 | 205.564 | 129.1793 | 59.39036048 | 16.99427 |
| 6.73 | 6.39 | | | | | | |
| 6.82 | 6.62 | | | | | | |
| 6.89 | 6.7 | | | | | | |
| 6.77 | 6.55 | | | | | | |
| 6.84 | 6.55 | | | | | | |
| 6.88 | 6.78 | | | | | | |
| 6.91 | 6.87 | | | | | | |

| | |
|------|------|
| 6.98 | 6.96 |
| 6.75 | 6.62 |
| 6.94 | 6.98 |
| 6.6 | 6.57 |
| 6.84 | 6.76 |
| 6.88 | 6.83 |
| 6.93 | 6.98 |
| 6.88 | 6.83 |
| 6.94 | 7.08 |
| 6.87 | 7.1 |
| 6.97 | 7.13 |
| 6.71 | 6.6 |
| 6.72 | 6.68 |
| 6.81 | 6.78 |
| 6.91 | 6.87 |
| 6.87 | 6.91 |
| 6.78 | 6.84 |
| 6.97 | 6.87 |
| 6.94 | 6.94 |
| 6.88 | 6.87 |
| 6.84 | 6.8 |
| 6.71 | 6.71 |
| 6.99 | 7.11 |
| 6.58 | 6.52 |
| 6.86 | 6.65 |

| AP_ratio | mmolCH4perday | CH4mmolpergramOMD | Totalgasvolume | H_produceH_incorpoi |
|-------------|---------------|-------------------|----------------|---------------------|
| 11.74174564 | | 0.759996741 | | 2.475 |
| 13.83775561 | | 0.974527936 | | 2.525 |
| 13.73837406 | | 1.042601239 | | 2.47 |
| 6.146523691 | | 0.546388934 | | 1.33 |
| 9.215491272 | | 0.631456646 | | 2.03 |
| 12.09980549 | | 0.860713964 | | 2.765 |
| 3.936613466 | | 0.377591007 | | 1.035 |
| 5.036149626 | | 0.369132631 | | 1.31 |
| 8.805082294 | | 0.538690113 | | 2.315 |
| 3.882832918 | | 0.334498208 | | 1.01 |
| 12.56379052 | | 0.856472071 | | 2.56 |
| 1.993765586 | | 0.152216678 | | 0.39 |
| 13.72017456 | | 0.935717358 | | 2.485 |
| 6.281895262 | | 0.669117559 | | 1.2 |
| 9.147396509 | | 0.840616347 | | 2.405 |
| 1.494812968 | | 0.124889994 | | 0.43 |
| 4.203062344 | | 0.276826784 | | 1.195 |
| 6.354488778 | | 0.597848832 | | 1.375 |
| 6.134254364 | | 0.549080473 | | 1.415 |
| 10.23098254 | | 0.663503664 | | 2.12 |
| 2.865296758 | | 0.183544848 | | 0.565 |
| 6.507650873 | | 0.561724262 | | 1.36 |
| 5.549825436 | | 0.476264257 | | 1.475 |
| 3.310264339 | | 0.233847718 | | 1.065 |
| 0.00838404 | | 0.000527115 | | 0.005 |
| 13.86863342 | | 0.893114286 | | 3.055 |
| 11.75299252 | | 0.905729951 | | 2.375 |
| 0.404887781 | | 0.027358054 | | 0.09 |
| 11.30761596 | | 0.87107739 | | 2.285 |
| 3.156284289 | | 0.246884265 | | 0.735 |
| 5.358014963 | | 0.34400485 | | 1.985 |
| 7.50882793 | | 0.545714922 | | 2.16 |
| 12.79220449 | | 0.826723384 | | 2.585 |
| 14.24080299 | | 0.917506175 | | 2.435 |
| 10.50049875 | | 0.737571668 | | 1.975 |
| 14.85488279 | | 1.132560258 | | 2.86 |
| 10.56961596 | | 0.672603958 | | 1.82 |
| 10.39130175 | | 0.705602474 | | 1.985 |
| 8.180573566 | | 0.792684518 | | 1.905 |
| 5.018972569 | | 0.415614947 | | 1.18 |
| 4.750069825 | | 0.313638292 | | 1.335 |
| 3.91084788 | | 0.332221404 | | 1.125 |
| 9.730802993 | | 0.679824581 | | 2.31 |
| 13.07501247 | | 0.849554787 | | 2.3 |
| 8.323511222 | | 0.917372399 | | 1.59 |
| 5.024289277 | | 0.437550782 | | 1.35 |
| 3.646852868 | | 0.345565067 | | 1.205 |
| 2.538932668 | | 0.201686621 | | 0.97 |

| | | | | |
|-------------|-------------|-------------|-------|-------------------|
| 3.718219451 | 0.320893816 | 1.045 | | |
| 1.666174564 | 0.164904437 | 0.485 | | |
| 8.858044888 | 0.595616624 | 1.79 | | |
| 0.445376559 | 0.027802124 | 0.11 | | |
| 6.982473815 | 0.891322395 | 1.355 | | |
| 4.577685786 | 0.367005672 | 1.23 | | |
| 7.754214464 | 0.541628045 | 1.975 | | |
| 1.390523691 | 0.084309002 | 0.5 | | |
| 9.255366584 | 0.581605992 | 2.115 | | |
| 7.891630923 | 0.562406021 | 2.01 | | |
| 7.055476309 | 0.483887093 | 1.855 | | |
| 8.216359102 | 0.693857616 | 2.05 | | |
| 4.472169576 | 0.322137843 | 1.215 | | |
| 4.959875312 | 0.314992241 | 1.575 | | |
| 8.221471322 | 0.616959727 | 2.365 | | |
| 11.09801496 | 0.725196388 | 2.56 | | |
| 17.5298005 | 1.128079285 | 3.175 | | |
| 4.497935162 | 0.346747721 | 0.94 | | |
| 12.53004988 | 0.850636501 | 2.375 | | |
| 0.382394015 | 0.02580869 | 0.11 | | |
| 8.444568579 | 0.579308787 | 1.78 | | |
| 9.275610973 | 0.728310562 | 2.1 | | |
| 4.165436409 | 0.329247577 | 0.97 | | |
| 7.894493766 | 0.531201954 | 1.99 | | |
| 6.85119202 | 0.664527376 | 1.745 | | |
| 7.848279302 | 0.562523654 | 1.9 | | |
| 3.264663342 | 0.238235297 | 0.775 | | |
| 5.410773067 | 0.368384934 | 1.26 | | |
| 4.858653367 | 0.460084516 | 1.08 | | |
| 8.717356608 | 0.952172065 | 2.45 | | |
| 2.856299252 | 0.275660175 | 0.97 | | |
| 4.200199501 | 0.272204229 | 1.3 | | |
| 8.797516209 | 0.736450952 | 2.195 | | |
| 0.917745636 | 0.074785259 | 0.255 | | |
| 10.91601995 | 0.745617832 | 2.17 | | |
| 0.515311721 | 0.032854363 | 0.105 | | |
| 8.794653367 | 0.841108509 | 1.92 | | |
| 5.952668329 | 0.555248568 | 1.775 | | |
| 4.582593516 | 0.321322244 | 1.245 | | |
| 1.45759601 | 0.087814876 | 0.44 | | |
| 11.65401995 | 0.727694252 | 2.355 | | |
| 6.359600998 | 0.578635018 | 1.555 | | |
| 7.579785536 | 0.529613666 | 1.835 | | |
| 12.42269327 | 0.983641047 | 2.43 | | |
| 7.308837905 | 0.503384556 | 1.61 | | |
| 8.381177057 | 0.540857614 | 2.07 | | |
| 11.78468828 | 0.848526215 | 2.55 | | |
| 4.944424 | 11.22152618 | 0.767972764 | 2.69 | 295.2076 113.6315 |
| 10.43997 | 14.05574065 | 0.934959904 | 2.685 | 342.196 100.3514 |
| 2.423577 | 5.787441397 | 0.501169711 | 1.335 | 254.8457 114.9417 |

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|----------|-------------|-------------|-------|----------|----------|
| 1.828884 | 0.296304239 | 0.019736807 | 0.115 | 344.3457 | 149.0727 |
| 1.852152 | | | | | |
| 1.459562 | 9.565780549 | 0.737127182 | 2.515 | 195.1742 | 133.5781 |
| 9.649857 | 5.020608479 | 0.436667617 | 1.32 | 354.4532 | 75.19034 |
| 2.103547 | 1.45759601 | 0.110180118 | 0.54 | 300.1257 | 121.3197 |
| 12.19263 | 2.814583541 | 0.194306653 | 1.11 | 306.6833 | 44.09665 |
| 5.342231 | 4.305306733 | 0.380510677 | 1.21 | 176.9813 | 57.75255 |
| 9.957175 | 11.84296758 | 0.887304648 | 2.925 | 284.207 | 86.1739 |
| 9.110027 | 2.748124688 | 0.211686301 | 0.755 | 186.8713 | 40.0894 |
| 15.06638 | 10.57738653 | 0.705731619 | 2.33 | 213.373 | 63.81338 |
| 10.86719 | 7.59246384 | 0.868340084 | 1.735 | 287.7095 | 65.26697 |
| 1.454428 | 5.531012469 | 0.478778575 | 1.61 | 236.2356 | 134.2474 |
| 6.268603 | 1.863301746 | 0.156770712 | 0.68 | 142.1599 | 39.12075 |
| 9.320822 | 7.056089776 | 0.487537059 | 2.13 | 363.9118 | 77.89169 |
| 13.38236 | 5.244523691 | 0.519489856 | 1.245 | 288.8211 | 56.58504 |
| 8.672848 | 0.493840399 | 0.036123574 | 0.175 | 241.5275 | 47.68621 |
| 5.634859 | 11.46118703 | 0.775569356 | 2.26 | 307.3565 | 111.7663 |
| 8.188643 | 0.701805486 | 0.047545994 | 0.165 | 260.5181 | 41.01426 |
| 6.798478 | 6.134254364 | 0.577733276 | 1.415 | 222.9115 | 71.17086 |
| 7.271218 | 3.113955112 | 0.265292374 | 0.94 | 152.0753 | 42.62524 |
| 5.179397 | 8.711221945 | 0.630160006 | 2.13 | 150.2748 | 69.79149 |
| 6.482469 | 0.74965586 | 0.049307547 | 0.195 | 200.545 | 37.46129 |
| 7.664352 | 0.667860349 | 0.04257958 | 0.23 | 291.0071 | 52.11026 |
| 11.42639 | 9.424887781 | 0.950873068 | 2.095 | 229.4988 | 70.99072 |
| 12.65062 | 7.119072319 | 0.494477371 | 1.69 | 221.7163 | 53.06627 |
| 6.755189 | 3.512299252 | 0.295138623 | 0.76 | 238.5958 | 59.63633 |
| 5.738245 | 5.61280798 | 0.398260551 | 1.46 | 143.0627 | 53.83877 |
| 3.848777 | 5.518334165 | 0.367999106 | 1.31 | 165.4408 | 66.78638 |
| 4.868593 | 11.96995511 | 0.930678711 | 2.71 | 172.8242 | 90.76792 |
| 3.789989 | 12.10818953 | 0.790363303 | 2.62 | 224.0134 | 113.4754 |
| 4.124997 | 14.77226933 | 0.947235179 | 2.58 | 210.5664 | 114.7491 |
| 3.199048 | 6.308274314 | 0.62640203 | 1.365 | 142.0152 | 71.1374 |
| 3.837897 | 10.3283192 | 0.697185542 | 2.07 | 218.6966 | 104.8028 |
| 3.898282 | 13.87660848 | 0.964420863 | 2.34 | 206.3305 | 111.4785 |
| 3.021541 | 10.92869825 | 0.757615333 | 2.155 | 190.3463 | 107.0663 |
| 3.091312 | 6.99678803 | 0.617644419 | 1.645 | 158.3025 | 79.64588 |
| 3.760329 | 2.214408978 | 0.15863909 | 0.595 | 133.6212 | 46.3506 |
| 5.057952 | 1.999695761 | 0.133701882 | 0.635 | 167.9247 | 45.21552 |
| 3.966174 | 4.167890274 | 0.41200424 | 1.185 | 190.531 | 70.51883 |
| 3.008103 | 5.767197007 | 0.424402766 | 1.785 | 182.0637 | 81.0305 |
| 3.711982 | 1.054957606 | 0.074006864 | 0.335 | 100.6568 | 32.58362 |
| 5.882927 | 6.773486284 | 0.47867071 | 1.69 | 185.4548 | 64.39328 |
| 5.734267 | 5.623441397 | 0.567693686 | 1.25 | 216.7985 | 71.54011 |
| 3.576509 | 5.634892768 | 0.555282094 | 1.66 | 147.2287 | 66.4623 |
| 7.292843 | 2.03323192 | 0.207298778 | 0.815 | 191.1271 | 44.9076 |
| 7.383948 | 3.841526185 | 0.271427696 | 1.515 | 314.4101 | 67.04116 |
| 9.792079 | 5.134713217 | 0.498106564 | 1.395 | 165.4354 | 44.70522 |
| 6.826999 | 0.296304239 | 0.021895025 | 0.115 | 352.3021 | 71.28799 |
| 5.451471 | 8.387925187 | 0.587446 | 1.815 | 251.2187 | 87.81697 |
| 6.747194 | 0.556209476 | 0.039377145 | 0.2 | 259.4716 | 48.00327 |

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|----------|-------------|-------------|-------|----------|----------|
| 6.947025 | 9.467830424 | 0.946549477 | 2.315 | 238.416 | 83.90012 |
| 5.519399 | 4.547830424 | 0.399157944 | 1.39 | 174.7974 | 58.67696 |
| 8.169347 | 1.030623441 | 0.077168292 | 0.42 | 329.6638 | 57.64655 |
| 7.707551 | 0.512857855 | 0.031630103 | 0.285 | 363.6278 | 57.10372 |
| 7.42339 | 0.343541147 | 0.034221082 | 0.175 | 342.2916 | 61.36217 |
| 4.758945 | 7.984264339 | 0.805829739 | 2.055 | 124.7294 | 65.2856 |
| 6.507291 | 7.564857855 | 0.543739464 | 1.745 | 273.8989 | 80.47688 |
| 6.29409 | 3.468129676 | 0.282020386 | 0.8 | 285.6242 | 70.98861 |
| 6.200831 | 4.90159601 | 0.340376645 | 1.41 | 217.1493 | 62.42903 |
| 5.201362 | 7.655241895 | 0.514676407 | 1.91 | 294.4638 | 95.83459 |
| 7.205399 | 7.081241895 | 0.612924289 | 1.455 | 326.4679 | 87.65543 |
| 2.616035 | 7.045865337 | 0.464830549 | 1.46 | 293.5266 | 128.8147 |
| 4.006264 | 15.42070324 | 1.004363768 | 2.565 | 409.9095 | 164.6236 |
| 2.02039 | 9.417321696 | 0.829733564 | 1.935 | 234.1631 | 130.5648 |
| 2.499841 | 12.93391521 | 0.900830748 | 2.53 | 455.6286 | 213.2028 |
| 3.42829 | | | | 376.2647 | |
| 5.642909 | 12.93432419 | 0.916706288 | 2.51 | 340.7466 | 126.9555 |
| 2.076688 | 5.777625935 | 0.583915219 | 1.385 | 251.2898 | 121.9979 |
| 6.567156 | 4.22882793 | 0.339470349 | 1.1 | 161.7773 | 46.93985 |
| 6.752824 | 3.729875312 | 0.252369959 | 1.14 | 293.6842 | 66.2592 |
| 2.29877 | 5.040852868 | 0.542420613 | 1.485 | 191.3762 | 90.22772 |
| 2.318594 | 4.361745636 | 0.366259275 | 1.35 | 227.1524 | 100.2858 |
| 7.555195 | 0.813456359 | 0.069074335 | 0.39 | 200.7001 | 35.94506 |
| 5.009434 | 9.167845387 | 0.630310596 | 2.095 | 197.2336 | 81.6901 |
| 5.152342 | 7.283072319 | 0.85610151 | 1.59 | 167.4067 | 69.02256 |
| 4.670336 | 7.867705736 | 0.761007493 | 2.375 | 180.9815 | 76.62196 |
| 6.423182 | 3.078987531 | 0.31535989 | 1.195 | 156.6696 | 44.83118 |
| 6.274422 | 3.102912718 | 0.20147637 | 1.405 | 266.155 | 60.89713 |
| 2.706596 | 3.313945137 | 0.294646484 | 1.11 | 196.113 | 77.81787 |
| 3.910735 | 0.429426434 | 0.032781555 | 0.21 | 309.2978 | 89.25127 |
| 6.831919 | 5.245137157 | 0.38942808 | 1.425 | 284.587 | 70.40207 |
| 6.977171 | | | | 254.7175 | |
| 4.854554 | 0.705486284 | 0.069758446 | 0.23 | 214.0953 | 55.526 |
| 2.146159 | 0.471142145 | 0.044004575 | 0.16 | 296.4388 | 117.0604 |
| 2.545388 | 2.155311721 | 0.219432094 | 0.62 | 215.1396 | 83.05239 |
| 3.953812 | 0.480548628 | 0.029654487 | 0.235 | 338.5353 | 84.45141 |
| 2.06063 | 0.098154613 | 0.009233296 | 0.06 | 289.5467 | 116.6795 |
| 1.993113 | 0.305915212 | 0.028751254 | 0.17 | 227.1255 | 92.44154 |
| 7.583415 | 5.444309227 | 0.417576841 | 1.28 | 295.9462 | 70.8896 |
| 4.467308 | 4.80957606 | 0.428693783 | 1.225 | 199.408 | 65.88917 |
| 6.916476 | 3.869745636 | 0.283489274 | 1.245 | 152.1778 | 43.07657 |
| 2.328207 | 5.97761596 | 0.390385745 | 1.68 | 335.4318 | 146.0867 |
| 2.175089 | 6.883092269 | 0.571557687 | 1.53 | 395.6919 | 180.3016 |
| | 12.47790524 | 0.810690922 | 2.825 | | |
| | 14.00911721 | 0.904364632 | 2.595 | | |
| | 7.533366584 | 0.639658019 | 1.535 | | |
| | 11.02951122 | 0.781481018 | 2.305 | | |
| | 9.700129676 | 0.656183609 | 2.01 | | |
| | 5.142074813 | 0.571506417 | 1.27 | | |

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|-------------|-------------|-------|
| 2.977356608 | 0.236008812 | 0.8 |
| 2.577376559 | 0.166305666 | 1.37 |
| 0.855376559 | 0.078715355 | 0.235 |
| 12.28977556 | 0.945961607 | 3.005 |
| 2.519710723 | 0.171929966 | 0.61 |
| 7.209456359 | 0.516249721 | 1.695 |
| 4.212468828 | 0.428905124 | 1 |
| 5.643890274 | 0.520740522 | 1.725 |
| 1.987630923 | 0.17028763 | 0.81 |
| 0.997700748 | 0.065930834 | 0.697 |
| 2.239397506 | 0.227418417 | 1.053 |
| 0.340473815 | 0.027648392 | 0.185 |
| 8.41921197 | 0.601424886 | 2.19 |
| 0.204693267 | 0.013296595 | 0.065 |
| 5.720982544 | 0.637467273 | 1.385 |
| 5.315481297 | 0.593217724 | 1.585 |
| 3.005371571 | 0.256181179 | 1.065 |
| 0.278922693 | 0.017498318 | 0.22 |
| 0.014723192 | 0.001168661 | 0.02 |
| 0.09201995 | 0.008962279 | 0.125 |
| 0.243341646 | 0.01792226 | 0.175 |
| 5.650842893 | 0.56789479 | 1.685 |
| 4.398144638 | 0.338823442 | 1.415 |
| 7.485925187 | 0.506315945 | 1.76 |
| 11.46016459 | 0.982753991 | 2.395 |

| H_recover | Methane | CH4volume |
|-----------|---------|-----------|
| 11.6 | | 0.2871 |
| 13.4 | | 0.33835 |
| 13.6 | | 0.33592 |
| 11.3 | | 0.15029 |
| 11.1 | | 0.22533 |
| 10.7 | | 0.295855 |
| 9.3 | | 0.096255 |
| 9.4 | | 0.12314 |
| 9.3 | | 0.215295 |
| 9.4 | | 0.09494 |
| 12 | | 0.3072 |
| 12.5 | | 0.04875 |
| 13.5 | | 0.335475 |
| 12.8 | | 0.1536 |
| 9.3 | | 0.223665 |
| 8.5 | | 0.03655 |
| 8.6 | | 0.10277 |
| 11.3 | | 0.155375 |
| 10.6 | | 0.14999 |
| 11.8 | | 0.25016 |
| 12.4 | | 0.07006 |
| 11.7 | | 0.15912 |
| 9.2 | | 0.1357 |
| 7.6 | | 0.08094 |
| 4.1 | | 0.000205 |
| 11.1 | | 0.339105 |
| 12.1 | | 0.287375 |
| 11 | | 0.0099 |
| 12.1 | | 0.276485 |
| 10.5 | | 0.077175 |
| 6.6 | | 0.13101 |
| 8.5 | | 0.1836 |
| 12.1 | | 0.312785 |
| 14.3 | | 0.348205 |
| 13 | | 0.25675 |
| 12.7 | | 0.36322 |
| 14.2 | | 0.25844 |
| 12.8 | | 0.25408 |
| 10.5 | | 0.200025 |
| 10.4 | | 0.12272 |
| 8.7 | | 0.116145 |
| 8.5 | | 0.095625 |
| 10.3 | | 0.23793 |
| 13.9 | | 0.3197 |
| 12.8 | | 0.20352 |
| 9.1 | | 0.12285 |
| 7.4 | | 0.08917 |
| 6.4 | | 0.06208 |

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| | 8.7 | 0.090915 |
| | 8.4 | 0.04074 |
| | 12.1 | 0.21659 |
| | 9.9 | 0.01089 |
| | 12.6 | 0.17073 |
| | 9.1 | 0.11193 |
| | 9.6 | 0.1896 |
| | 6.8 | 0.034 |
| | 10.7 | 0.226305 |
| | 9.6 | 0.19296 |
| | 9.3 | 0.172515 |
| | 9.8 | 0.2009 |
| | 9 | 0.10935 |
| | 7.7 | 0.121275 |
| | 8.5 | 0.201025 |
| | 10.6 | 0.27136 |
| | 13.5 | 0.428625 |
| | 11.7 | 0.10998 |
| | 12.9 | 0.306375 |
| | 8.5 | 0.00935 |
| | 11.6 | 0.20648 |
| | 10.8 | 0.2268 |
| | 10.5 | 0.10185 |
| | 9.7 | 0.19303 |
| | 9.6 | 0.16752 |
| | 10.1 | 0.1919 |
| | 10.3 | 0.079825 |
| | 10.5 | 0.1323 |
| | 11 | 0.1188 |
| | 8.7 | 0.21315 |
| | 7.2 | 0.06984 |
| | 7.9 | 0.1027 |
| | 9.8 | 0.21511 |
| | 8.8 | 0.02244 |
| | 12.3 | 0.26691 |
| | 12 | 0.0126 |
| | 11.2 | 0.21504 |
| | 8.2 | 0.14555 |
| | 9 | 0.11205 |
| | 8.1 | 0.03564 |
| | 12.1 | 0.284955 |
| | 10 | 0.1555 |
| | 10.1 | 0.185335 |
| | 12.5 | 0.30375 |
| | 11.1 | 0.17871 |
| | 9.9 | 0.20493 |
| | 11.3 | 0.28815 |
| 38.49204 | 10.2 | 0.27438 |
| 29.32572 | 12.8 | 0.34368 |
| 45.10249 | 10.6 | 0.14151 |

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| 43.29158 | 6.3 | 0.007245 |
| 68.44041 | 9.3 | 0.233895 |
| 21.21305 | 9.3 | 0.12276 |
| 40.42298 | 6.6 | 0.03564 |
| 14.37856 | 6.2 | 0.06882 |
| 32.63201 | 8.7 | 0.10527 |
| 30.32082 | 9.9 | 0.289575 |
| 21.45295 | 8.9 | 0.067195 |
| 29.90696 | 11.1 | 0.25863 |
| 22.68502 | 10.7 | 0.185645 |
| 56.82776 | 8.4 | 0.13524 |
| 27.51884 | 6.7 | 0.04556 |
| 21.404 | 8.1 | 0.17253 |
| 19.59173 | 10.3 | 0.128235 |
| 19.7436 | 6.9 | 0.012075 |
| 36.36374 | 12.4 | 0.28024 |
| 15.74334 | 10.4 | 0.01716 |
| 31.92785 | 10.6 | 0.14999 |
| 28.02903 | 8.1 | 0.07614 |
| 46.44259 | 10 | 0.213 |
| 18.67974 | 9.4 | 0.01833 |
| 17.90687 | 7.1 | 0.01633 |
| 30.93293 | 11 | 0.23045 |
| 23.93431 | 10.3 | 0.17407 |
| 24.99471 | 11.3 | 0.08588 |
| 37.63299 | 9.4 | 0.13724 |
| 40.36875 | 10.3 | 0.13493 |
| 52.52036 | 10.8 | 0.29268 |
| 50.65563 | 11.3 | 0.29606 |
| 54.49545 | 14 | 0.3612 |
| 50.09141 | 11.3 | 0.154245 |
| 47.92156 | 12.2 | 0.25254 |
| 54.02908 | 14.5 | 0.3393 |
| 56.24813 | 12.4 | 0.26722 |
| 50.31245 | 10.4 | 0.17108 |
| 34.68805 | 9.1 | 0.054145 |
| 26.92607 | 7.7 | 0.048895 |
| 37.01174 | 8.6 | 0.10191 |
| 44.50668 | 7.9 | 0.141015 |
| 32.37101 | 7.7 | 0.025795 |
| 34.72181 | 9.8 | 0.16562 |
| 32.99844 | 11 | 0.1375 |
| 45.14222 | 8.3 | 0.13778 |
| 23.4962 | 6.1 | 0.049715 |
| 21.32284 | 6.2 | 0.09393 |
| 27.02277 | 9 | 0.12555 |
| 20.2349 | 6.3 | 0.007245 |
| 34.95638 | 11.3 | 0.205095 |
| 18.5004 | 6.8 | 0.0136 |

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|----------|------|----------|
| 35.19064 | 10 | 0.2315 |
| 33.56855 | 8 | 0.1112 |
| 17.48646 | 6 | 0.0252 |
| 15.70389 | 4.4 | 0.01254 |
| 17.92687 | 4.8 | 0.0084 |
| 52.3418 | 9.5 | 0.195225 |
| 29.38197 | 10.6 | 0.18497 |
| 24.85386 | 10.6 | 0.0848 |
| 28.74936 | 8.5 | 0.11985 |
| 32.54545 | 9.8 | 0.18718 |
| 26.84963 | 11.9 | 0.173145 |
| 43.88517 | 11.8 | 0.17228 |
| 40.16096 | 14.7 | 0.377055 |
| 55.75804 | 11.9 | 0.230265 |
| 46.7931 | 12.5 | 0.31625 |
| . | | |
| 37.25803 | 12.6 | 0.31626 |
| 48.54869 | 10.2 | 0.14127 |
| 29.01511 | 9.4 | 0.1034 |
| 22.56138 | 8 | 0.0912 |
| 47.14679 | 8.3 | 0.123255 |
| 44.14913 | 7.9 | 0.10665 |
| 17.90983 | 5.1 | 0.01989 |
| 41.41795 | 10.7 | 0.224165 |
| 41.23046 | 11.2 | 0.17808 |
| 42.33691 | 8.1 | 0.192375 |
| 28.61511 | 6.3 | 0.075285 |
| 22.88033 | 5.4 | 0.07587 |
| 39.68011 | 7.3 | 0.08103 |
| 28.8561 | 5 | 0.0105 |
| 24.73833 | 9 | 0.12825 |
| . | | |
| 25.93518 | 7.5 | 0.01725 |
| 39.4889 | 7.2 | 0.01152 |
| 38.60396 | 8.5 | 0.0527 |
| 24.94612 | 5 | 0.01175 |
| 40.2973 | 4 | 0.0024 |
| 40.70064 | 4.4 | 0.00748 |
| 23.95354 | 10.4 | 0.13312 |
| 33.04238 | 9.6 | 0.1176 |
| 28.30673 | 7.6 | 0.09462 |
| 43.55182 | 8.7 | 0.14616 |
| 45.56617 | 11 | 0.1683 |
| | 10.8 | 0.3051 |
| | 13.2 | 0.34254 |
| | 12 | 0.1842 |
| | 11.7 | 0.269685 |
| . | | |
| | 11.8 | 0.23718 |
| | 9.9 | 0.12573 |

| | |
|------|----------|
| 9.1 | 0.0728 |
| 4.6 | 0.06302 |
| 8.9 | 0.020915 |
| 10 | 0.3005 |
| 10.1 | 0.06161 |
| 10.4 | 0.17628 |
| 10.3 | 0.103 |
| 8 | 0.138 |
| 6 | 0.0486 |
| 3.5 | 0.024395 |
| 5.2 | 0.054756 |
| 4.5 | 0.008325 |
| 9.4 | 0.20586 |
| 7.7 | 0.005005 |
| 10.1 | 0.139885 |
| 8.2 | 0.12997 |
| 6.9 | 0.073485 |
| 3.1 | 0.00682 |
| 1.8 | 0.00036 |
| 1.8 | 0.00225 |
| 3.4 | 0.00595 |
| 8.2 | 0.13817 |
| 7.6 | 0.10754 |
| 10.4 | 0.18304 |
| 11.7 | 0.280215 |