

| Run:1 | Table:curve | SWAN version:41.20A | | | | | | | |
|-----------|-------------|---------------------|-----------------|-----------------|----------------|---------------|----------------|--------------|--------------|
| Xp [m] | Yp [m] | Hsig [m] | TPsmoo [sec] | RTpeak [sec] | Tm_10 [sec] | Dir [degr] | Dspr [degr] | Depth [m] | Setup [m] |
| 0. | 0. | 3.80981 | 13.8195 | 13.8874 | 12.6704 | 0.001 | 31.5736 | 4.7134 | -0.056649 |
| 1. | 0. | 3.79277 | 13.8284 | 13.8874 | 12.2051 | 0.001 | 31.5408 | 4.7175 | -0.052457 |
| 2. | 0. | 3.77092 | 13.8362 | 13.8874 | 11.8315 | 0.001 | 31.4855 | 4.7218 | -0.048233 |
| 3. | 0. | 3.74526 | 13.8422 | 13.8874 | 11.5431 | 0.001 | 31.4165 | 4.7260 | -0.044008 |
| 4. | 0. | 3.71604 | 13.8467 | 13.8874 | 11.3234 | 0.001 | 31.3120 | 4.7302 | -0.039821 |
| 5. | 0. | 3.68621 | 13.8500 | 13.8874 | 11.1544 | 0.001 | 31.1993 | 4.7241 | -0.035915 |
| 6. | 0. | 3.65436 | 13.8524 | 13.8874 | 11.0208 | 0.001 | 31.1159 | 4.7281 | -0.031907 |
| 7. | 0. | 3.62234 | 13.8542 | 13.8874 | 10.9138 | 0.001 | 31.0456 | 4.7320 | -0.028035 |
| 8. | 0. | 3.59438 | 13.8553 | 13.8874 | 10.7960 | 0.001 | 31.0001 | 4.7357 | -0.024265 |
| 9. | 0. | 3.56721 | 13.8559 | 13.8874 | 10.6864 | 0.001 | 30.9610 | 4.7394 | -0.020598 |
| 10. | 0. | 3.53731 | 13.8560 | 13.8874 | 10.5992 | 359.990 | 30.9385 | 4.7431 | -0.016855 |
| 11. | 0. | 3.51019 | 13.8557 | 13.8874 | 10.5264 | 359.967 | 31.1074 | 4.7468 | -0.013236 |
| 12. | 0. | 3.47842 | 13.8551 | 13.8874 | 10.4593 | 359.918 | 31.5363 | 4.8315 | -0.008464 |
| 13. | 0. | 3.44632 | 13.8542 | 13.8874 | 10.3993 | 359.867 | 31.9115 | 4.9362 | -0.003813 |
| 14. | 0. | 3.41378 | 13.8532 | 13.8874 | 10.3500 | 359.820 | 31.9342 | 5.0100 | 0.000000 |
| 15. | 0. | 3.38906 | 13.8522 | 13.8874 | 10.3158 | 359.774 | 31.7225 | 4.9821 | 0.002094 |
| 16. | 0. | 3.36588 | 13.8511 | 13.8874 | 10.2773 | 359.763 | 31.4676 | 4.9540 | 0.004018 |
| 17. | 0. | 3.34209 | 13.8500 | 13.8874 | 10.2387 | 359.763 | 31.1950 | 4.9360 | 0.006018 |
| 18. | 0. | 3.31976 | 13.8489 | 13.8874 | 10.2033 | 359.767 | 30.9266 | 4.9078 | 0.007822 |
| 19. | 0. | 3.29670 | 13.8477 | 13.8874 | 10.1694 | 359.771 | 30.6712 | 4.8897 | 0.009742 |
| 20. | 0. | 3.27445 | 13.8466 | 13.8874 | 10.1296 | 359.747 | 30.4503 | 4.8617 | 0.011742 |
| 21. | 0. | 3.25496 | 13.8457 | 13.8874 | 10.0721 | 359.751 | 30.2356 | 4.8437 | 0.013746 |
| 22. | 0. | 3.23706 | 13.8449 | 13.8874 | 10.0139 | 359.761 | 30.0174 | 4.8156 | 0.015559 |
| 23. | 0. | 3.21256 | 13.8443 | 13.8874 | 9.9857 | 359.768 | 29.8544 | 4.7877 | 0.017707 |
| 24. | 0. | 3.18599 | 13.8437 | 13.8874 | 9.9638 | 359.774 | 29.6974 | 4.7700 | 0.020010 |
| 25. | 0. | 3.16470 | 13.8434 | 13.8874 | 9.9280 | 359.759 | 29.5321 | 4.7419 | 0.021924 |
| 26. | 0. | 3.14195 | 13.8431 | 13.8874 | 9.8951 | 359.703 | 29.3646 | 4.7240 | 0.023967 |
| 27. | 0. | 3.12059 | 13.8429 | 13.8874 | 9.8643 | 359.648 | 29.1975 | 4.6958 | 0.025819 |
| 28. | 0. | 3.09844 | 13.8429 | 13.8874 | 9.8334 | 359.595 | 29.0331 | 4.6778 | 0.027781 |
| 29. | 0. | 3.07716 | 13.8428 | 13.8874 | 9.8056 | 359.546 | 28.8565 | 4.6496 | 0.029571 |
| 30. | 0. | 3.05608 | 13.8429 | 13.8874 | 9.7792 | 359.500 | 28.6903 | 4.6213 | 0.031343 |
| 31. | 0. | 3.03421 | 13.8430 | 13.8874 | 9.7528 | 359.457 | 28.5298 | 4.6032 | 0.033232 |
| 32. | 0. | 3.01555 | 13.8431 | 13.8874 | 9.7203 | 359.452 | 28.3689 | 4.5748 | 0.034849 |
| 33. | 0. | 2.99653 | 13.8432 | 13.8874 | 9.6854 | 359.460 | 28.2103 | 4.5566 | 0.036562 |
| 34. | 0. | 2.97857 | 13.8434 | 13.8874 | 9.6532 | 359.471 | 28.0527 | 4.5281 | 0.038112 |
| 35. | 0. | 2.95961 | 13.8436 | 13.8874 | 9.6213 | 359.482 | 27.8981 | 4.5098 | 0.039792 |
| 36. | 0. | 2.94254 | 13.8438 | 13.8874 | 9.5857 | 359.496 | 27.7469 | 4.4813 | 0.041325 |
| 37. | 0. | 2.92486 | 13.8440 | 13.8874 | 9.5475 | 359.513 | 27.5997 | 4.4630 | 0.042985 |
| 38. | 0. | 2.90858 | 13.8443 | 13.8874 | 9.5093 | 359.546 | 27.4412 | 4.4345 | 0.044458 |
| 39. | 0. | 2.89231 | 13.8446 | 13.8874 | 9.4722 | 359.580 | 27.2909 | 4.4059 | 0.045927 |
| 40. | 0. | 2.87493 | 13.8450 | 13.8874 | 9.4356 | 359.615 | 27.1467 | 4.3875 | 0.047537 |
| 41. | 0. | 2.85846 | 13.8453 | 13.8874 | 9.4020 | 359.659 | 27.0088 | 4.3590 | 0.048997 |
| 42. | 0. | 2.84116 | 13.8457 | 13.8874 | 9.3675 | 359.707 | 26.8747 | 4.3406 | 0.050580 |
| 43. | 0. | 2.82466 | 13.8461 | 13.8874 | 9.3366 | 359.756 | 26.7458 | 4.3120 | 0.052021 |
| 44. | 0. | 2.80717 | 13.8465 | 13.8874 | 9.3053 | 359.807 | 26.6216 | 4.2936 | 0.053597 |
| 45. | 0. | 2.79086 | 13.8470 | 13.8874 | 9.2751 | 359.865 | 26.4866 | 4.2650 | 0.055000 |
| 46. | 0. | 2.77504 | 13.8474 | 13.8874 | 9.2436 | 359.931 | 26.3578 | 4.2364 | 0.056380 |
| 47. | 0. | 2.75842 | 13.8478 | 13.8874 | 9.2109 | 0.003 | 26.2357 | 4.2179 | 0.057892 |
| 48. | 0. | 2.74263 | 13.8483 | 13.8874 | 9.1814 | 0.074 | 26.1143 | 4.1893 | 0.059259 |
| 49. | 0. | 2.72577 | 13.8487 | 13.8874 | 9.1516 | 0.144 | 25.9943 | 4.1708 | 0.060767 |
| 50. | 0. | 2.70975 | 13.8492 | 13.8874 | 9.1249 | 0.213 | 25.8739 | 4.1421 | 0.062127 |
| 51. | 0. | 2.69272 | 13.8496 | 13.8874 | 9.0978 | 0.280 | 25.7545 | 4.1236 | 0.063624 |
| 52. | 0. | 2.67645 | 13.8500 | 13.8874 | 9.0737 | 0.347 | 25.6242 | 4.0950 | 0.064971 |
| 53. | 0. | 2.66019 | 13.8505 | 13.8874 | 9.0500 | 0.414 | 25.5014 | 4.0663 | 0.066327 |
| 54. | 0. | 2.64306 | 13.8509 | 13.8874 | 9.0247 | 0.476 | 25.3826 | 4.0478 | 0.067829 |
| 55. | 0. | 2.62683 | 13.8513 | 13.8874 | 9.0022 | 0.537 | 25.2641 | 4.0192 | 0.069183 |
| 56. | 0. | 2.60951 | 13.8518 | 13.8874 | 8.9794 | 0.594 | 25.1473 | 4.0007 | 0.070683 |
| 57. | 0. | 2.59291 | 13.8522 | 13.8874 | 8.9605 | 0.647 | 25.0304 | 3.9720 | 0.072040 |

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|------|----|---------|---------|---------|--------|-------|---------|--------|----------|
| 58. | 0. | 2.57520 | 13.8526 | 13.8874 | 8.9415 | 0.697 | 24.9151 | 3.9535 | 0.073543 |
| 59. | 0. | 2.55823 | 13.8530 | 13.8874 | 8.9258 | 0.745 | 24.7892 | 3.9249 | 0.074894 |
| 60. | 0. | 2.54126 | 13.8534 | 13.8874 | 8.9110 | 0.793 | 24.6701 | 3.8962 | 0.076249 |
| 61. | 0. | 2.52337 | 13.8538 | 13.8874 | 8.8952 | 0.839 | 24.5546 | 3.8777 | 0.077745 |
| 62. | 0. | 2.50644 | 13.8542 | 13.8874 | 8.8821 | 0.883 | 24.4392 | 3.8491 | 0.079089 |
| 63. | 0. | 2.48863 | 13.8546 | 13.8874 | 8.8679 | 0.925 | 24.3253 | 3.8306 | 0.080569 |
| 64. | 0. | 2.47186 | 13.8550 | 13.8874 | 8.8560 | 0.967 | 24.2101 | 3.8019 | 0.081893 |
| 65. | 0. | 2.45433 | 13.8554 | 13.8874 | 8.8422 | 1.007 | 24.0951 | 3.7833 | 0.083347 |
| 66. | 0. | 2.43780 | 13.8557 | 13.8874 | 8.8304 | 1.047 | 23.9683 | 3.7546 | 0.084642 |
| 67. | 0. | 2.42131 | 13.8561 | 13.8874 | 8.8191 | 1.087 | 23.8481 | 3.7259 | 0.085940 |
| 68. | 0. | 2.40401 | 13.8565 | 13.8874 | 8.8061 | 1.126 | 23.7316 | 3.7074 | 0.087374 |
| 69. | 0. | 2.38773 | 13.8568 | 13.8874 | 8.7954 | 1.165 | 23.6155 | 3.6787 | 0.088657 |
| 70. | 0. | 2.37068 | 13.8572 | 13.8874 | 8.7829 | 1.202 | 23.5007 | 3.6601 | 0.090073 |
| 71. | 0. | 2.35462 | 13.8575 | 13.8874 | 8.7727 | 1.238 | 23.3857 | 3.6313 | 0.091338 |
| 72. | 0. | 2.33773 | 13.8579 | 13.8874 | 8.7608 | 1.274 | 23.2722 | 3.6127 | 0.092738 |
| 73. | 0. | 2.32173 | 13.8582 | 13.8874 | 8.7513 | 1.307 | 23.1499 | 3.5840 | 0.093990 |
| 74. | 0. | 2.30576 | 13.8585 | 13.8874 | 8.7422 | 1.341 | 23.0360 | 3.5552 | 0.095248 |
| 75. | 0. | 2.28896 | 13.8588 | 13.8874 | 8.7313 | 1.374 | 22.9266 | 3.5366 | 0.096645 |
| 76. | 0. | 2.27315 | 13.8591 | 13.8874 | 8.7228 | 1.407 | 22.8184 | 3.5079 | 0.097894 |
| 77. | 0. | 2.25667 | 13.8594 | 13.8874 | 8.7117 | 1.442 | 22.7115 | 3.4893 | 0.099273 |
| 78. | 0. | 2.24121 | 13.8597 | 13.8874 | 8.7026 | 1.477 | 22.6046 | 3.4605 | 0.100501 |
| 79. | 0. | 2.22488 | 13.8600 | 13.8874 | 8.6918 | 1.512 | 22.4991 | 3.4419 | 0.101869 |
| 80. | 0. | 2.20943 | 13.8603 | 13.8874 | 8.6835 | 1.545 | 22.3835 | 3.4131 | 0.103089 |
| 81. | 0. | 2.19395 | 13.8606 | 13.8874 | 8.6756 | 1.577 | 22.2742 | 3.3843 | 0.104318 |
| 82. | 0. | 2.17757 | 13.8609 | 13.8874 | 8.6660 | 1.609 | 22.1685 | 3.3657 | 0.105691 |
| 83. | 0. | 2.16217 | 13.8611 | 13.8874 | 8.6590 | 1.639 | 22.0630 | 3.3369 | 0.106916 |
| 84. | 0. | 2.14586 | 13.8614 | 13.8874 | 8.6502 | 1.668 | 21.9592 | 3.3183 | 0.108283 |
| 85. | 0. | 2.13053 | 13.8617 | 13.8874 | 8.6440 | 1.697 | 21.8549 | 3.2895 | 0.109501 |
| 86. | 0. | 2.11430 | 13.8619 | 13.8874 | 8.6361 | 1.724 | 21.7519 | 3.2709 | 0.110862 |
| 87. | 0. | 2.09898 | 13.8622 | 13.8874 | 8.6306 | 1.749 | 21.6386 | 3.2421 | 0.112072 |
| 88. | 0. | 2.08364 | 13.8624 | 13.8874 | 8.6255 | 1.774 | 21.5317 | 3.2133 | 0.113293 |
| 89. | 0. | 2.06612 | 13.8627 | 13.8874 | 8.6179 | 1.785 | 21.2481 | 3.1946 | 0.114633 |
| 90. | 0. | 2.06529 | 13.8631 | 13.8874 | 8.6491 | 1.799 | 20.8030 | 2.9831 | 0.113144 |
| 91. | 0. | 2.05003 | 13.8635 | 13.8874 | 8.6551 | 1.826 | 20.5177 | 2.8940 | 0.113952 |
| 92. | 0. | 2.02608 | 13.8639 | 13.8874 | 8.6443 | 1.860 | 20.4158 | 2.8863 | 0.116348 |
| 93. | 0. | 2.00036 | 13.8642 | 13.8874 | 8.6280 | 1.895 | 20.3948 | 2.9091 | 0.119139 |
| 94. | 0. | 1.97834 | 13.8645 | 13.8874 | 8.6177 | 1.931 | 20.4149 | 2.9114 | 0.121410 |
| 95. | 0. | 1.95441 | 13.8648 | 13.8874 | 8.6013 | 1.958 | 20.3770 | 2.9440 | 0.123956 |
| 96. | 0. | 1.93987 | 13.8651 | 13.8874 | 8.6062 | 1.983 | 20.2786 | 2.8850 | 0.124990 |
| 97. | 0. | 1.92041 | 13.8654 | 13.8874 | 8.5981 | 2.018 | 20.3503 | 2.8870 | 0.126986 |
| 98. | 0. | 1.89509 | 13.8655 | 13.8874 | 8.5722 | 2.054 | 20.4453 | 2.9699 | 0.129947 |
| 99. | 0. | 1.88058 | 13.8657 | 13.8874 | 8.5719 | 2.061 | 20.2836 | 2.9410 | 0.131050 |
| 100. | 0. | 1.87428 | 13.8661 | 13.8874 | 8.5945 | 2.069 | 20.0079 | 2.8108 | 0.130759 |
| 101. | 0. | 1.85835 | 13.8663 | 13.8874 | 8.5980 | 2.072 | 19.7090 | 2.7619 | 0.131865 |
| 102. | 0. | 1.84807 | 13.8667 | 13.8874 | 8.6176 | 2.083 | 19.3929 | 2.6420 | 0.132008 |
| 103. | 0. | 1.82931 | 13.8669 | 13.8874 | 8.6197 | 2.102 | 19.1995 | 2.5936 | 0.133577 |
| 104. | 0. | 1.80655 | 13.8672 | 13.8874 | 8.6123 | 2.125 | 19.0943 | 2.5859 | 0.135882 |
| 105. | 0. | 1.78387 | 13.8674 | 13.8874 | 8.6050 | 2.133 | 18.8641 | 2.5781 | 0.138071 |
| 106. | 0. | 1.77502 | 13.8678 | 13.8874 | 8.6304 | 2.147 | 18.5365 | 2.4279 | 0.137923 |
| 107. | 0. | 1.75294 | 13.8681 | 13.8874 | 8.6310 | 2.162 | 18.2979 | 2.3800 | 0.139956 |
| 108. | 0. | 1.73042 | 13.8684 | 13.8874 | 8.6314 | 2.184 | 18.1182 | 2.3321 | 0.142111 |
| 109. | 0. | 1.70456 | 13.8687 | 13.8874 | 8.6250 | 2.209 | 17.9951 | 2.3149 | 0.144880 |
| 110. | 0. | 1.67927 | 13.8689 | 13.8874 | 8.6194 | 2.229 | 17.8482 | 2.2976 | 0.147550 |
| 111. | 0. | 1.65864 | 13.8692 | 13.8874 | 8.6237 | 2.247 | 17.6557 | 2.2394 | 0.149436 |
| 112. | 0. | 1.63614 | 13.8694 | 13.8874 | 8.6258 | 2.264 | 17.4593 | 2.1916 | 0.151628 |
| 113. | 0. | 1.61298 | 13.8697 | 13.8874 | 8.6279 | 2.277 | 17.2257 | 2.1439 | 0.153907 |
| 114. | 0. | 1.59237 | 13.8700 | 13.8874 | 8.6369 | 2.291 | 16.9503 | 2.0657 | 0.155728 |
| 115. | 0. | 1.56886 | 13.8703 | 13.8874 | 8.6427 | 2.304 | 16.6698 | 1.9980 | 0.158028 |
| 116. | 0. | 1.54397 | 13.8706 | 13.8874 | 8.6481 | 2.323 | 16.4204 | 1.9306 | 0.160588 |
| 117. | 0. | 1.51449 | 13.8709 | 13.8874 | 8.6463 | 2.348 | 16.2447 | 1.8940 | 0.164013 |
| 118. | 0. | 1.48253 | 13.8711 | 13.8874 | 8.6407 | 2.353 | 15.9736 | 1.8778 | 0.167806 |
| 119. | 0. | 1.46529 | 13.8715 | 13.8874 | 8.6629 | 2.369 | 15.5916 | 1.7390 | 0.168997 |
| 120. | 0. | 1.43427 | 13.8718 | 13.8874 | 8.6665 | 2.355 | 15.1210 | 1.6726 | 0.172571 |
| 121. | 0. | 1.41541 | 13.8723 | 13.8874 | 8.6885 | 2.367 | 14.5701 | 1.4939 | 0.173866 |
| 122. | 0. | 1.37844 | 13.8728 | 13.8874 | 8.6859 | 2.386 | 14.1010 | 1.3888 | 0.178800 |

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| 123. | 0. | 1.33202 | 13.8733 | 13.8874 | 8.6854 | 2.375 | 13.5812 | 1.3057 | 0.185678 |
| 124. | 0. | 1.29601 | 13.8741 | 13.8874 | 8.7108 | 2.280 | 12.8252 | 1.1505 | 0.190530 |
| 125. | 0. | 1.25855 | 13.8749 | 13.8874 | 8.8598 | 2.064 | 11.9605 | 0.9257 | 0.195749 |
| 126. | 0. | 1.07835 | 13.8915 | 13.8874 | 9.5607 | 0.700 | 11.7692 | 0.7272 | 0.237248 |
| 127. | 0. | 0.92001 | 13.9146 | 13.8874 | 9.9700 | 359.600 | 11.4090 | 0.6175 | 0.277500 |
| 128. | 0. | 0.76325 | 13.9511 | 13.8874 | 10.4593 | 359.029 | 11.1313 | 0.5083 | 0.318308 |
| 129. | 0. | 0.65902 | 13.9563 | 13.8874 | 10.6939 | 359.163 | 11.5036 | 0.4362 | 0.346213 |