



Table A.3 | Continued

$M$	$\frac{p}{p^*}$	$\frac{T}{T^*}$	$\frac{\rho}{\rho^*}$	$\frac{p_o}{p_o^*}$	$\frac{T_o}{T_o^*}$
0.1020 + 01	0.9770 + 00	0.9930 + 00	0.9838 + 00	0.1000 + 01	0.9997 + 00
0.1040 + 01	0.9546 + 00	0.9855 + 00	0.9686 + 00	0.1001 + 01	0.9989 + 00
0.1060 + 01	0.9327 + 00	0.9776 + 00	0.9542 + 00	0.1002 + 01	0.9977 + 00
0.1080 + 01	0.9115 + 00	0.9691 + 00	0.9406 + 00	0.1003 + 01	0.9960 + 00
0.1100 + 01	0.8909 + 00	0.9603 + 00	0.9277 + 00	0.1005 + 01	0.9939 + 00
0.1120 + 01	0.8708 + 00	0.9512 + 00	0.9155 + 00	0.1007 + 01	0.9915 + 00
0.1140 + 01	0.8512 + 00	0.9417 + 00	0.9039 + 00	0.1010 + 01	0.9887 + 00
0.1160 + 01	0.8322 + 00	0.9320 + 00	0.8930 + 00	0.1012 + 01	0.9856 + 00
0.1180 + 01	0.8137 + 00	0.9220 + 00	0.8826 + 00	0.1016 + 01	0.9823 + 00
0.1200 + 01	0.7958 + 00	0.9118 + 00	0.8727 + 00	0.1019 + 01	0.9787 + 00
0.1220 + 01	0.7783 + 00	0.9015 + 00	0.8633 + 00	0.1023 + 01	0.9749 + 00
0.1240 + 01	0.7613 + 00	0.8911 + 00	0.8543 + 00	0.1028 + 01	0.9709 + 00
0.1260 + 01	0.7447 + 00	0.8805 + 00	0.8458 + 00	0.1033 + 01	0.9668 + 00
0.1280 + 01	0.7287 + 00	0.8699 + 00	0.8376 + 00	0.1038 + 01	0.9624 + 00
0.1300 + 01	0.7130 + 00	0.8592 + 00	0.8299 + 00	0.1044 + 01	0.9580 + 00
0.1320 + 01	0.6978 + 00	0.8484 + 00	0.8225 + 00	0.1050 + 01	0.9534 + 00
0.1340 + 01	0.6830 + 00	0.8377 + 00	0.8154 + 00	0.1056 + 01	0.9487 + 00
0.1360 + 01	0.6686 + 00	0.8269 + 00	0.8086 + 00	0.1063 + 01	0.9440 + 00
0.1380 + 01	0.6546 + 00	0.8161 + 00	0.8021 + 00	0.1070 + 01	0.9391 + 00
0.1400 + 01	0.6410 + 00	0.8054 + 00	0.7959 + 00	0.1078 + 01	0.9343 + 00
0.1420 + 01	0.6278 + 00	0.7947 + 00	0.7900 + 00	0.1086 + 01	0.9293 + 00
0.1440 + 01	0.6149 + 00	0.7840 + 00	0.7843 + 00	0.1094 + 01	0.9243 + 00
0.1460 + 01	0.6024 + 00	0.7735 + 00	0.7788 + 00	0.1103 + 01	0.9193 + 00
0.1480 + 01	0.5902 + 00	0.7629 + 00	0.7736 + 00	0.1112 + 01	0.9143 + 00
0.1500 + 01	0.5783 + 00	0.7525 + 00	0.7685 + 00	0.1122 + 01	0.9093 + 00
0.1520 + 01	0.5668 + 00	0.7422 + 00	0.7637 + 00	0.1132 + 01	0.9042 + 00
0.1540 + 01	0.5555 + 00	0.7319 + 00	0.7590 + 00	0.1142 + 01	0.8992 + 00
0.1560 + 01	0.5446 + 00	0.7217 + 00	0.7545 + 00	0.1153 + 01	0.8942 + 00
0.1580 + 01	0.5339 + 00	0.7117 + 00	0.7502 + 00	0.1164 + 01	0.8892 + 00
0.1600 + 01	0.5236 + 00	0.7017 + 00	0.7461 + 00	0.1176 + 01	0.8842 + 00
0.1620 + 01	0.5135 + 00	0.6919 + 00	0.7421 + 00	0.1188 + 01	0.8792 + 00
0.1640 + 01	0.5036 + 00	0.6822 + 00	0.7383 + 00	0.1200 + 01	0.8743 + 00
0.1660 + 01	0.4940 + 00	0.6726 + 00	0.7345 + 00	0.1213 + 01	0.8694 + 00
0.1680 + 01	0.4847 + 00	0.6631 + 00	0.7310 + 00	0.1226 + 01	0.8645 + 00
0.1700 + 01	0.4756 + 00	0.6538 + 00	0.7275 + 00	0.1240 + 01	0.8597 + 00
0.1720 + 01	0.4668 + 00	0.6445 + 00	0.7242 + 00	0.1254 + 01	0.8549 + 00
0.1740 + 01	0.4581 + 00	0.6355 + 00	0.7210 + 00	0.1269 + 01	0.8502 + 00
0.1760 + 01	0.4497 + 00	0.6265 + 00	0.7178 + 00	0.1284 + 01	0.8455 + 00
0.1780 + 01	0.4415 + 00	0.6176 + 00	0.7148 + 00	0.1300 + 01	0.8409 + 00
0.1800 + 01	0.4335 + 00	0.6089 + 00	0.7119 + 00	0.1316 + 01	0.8363 + 00
0.1820 + 01	0.4257 + 00	0.6004 + 00	0.7091 + 00	0.1332 + 01	0.8317 + 00
0.1840 + 01	0.4181 + 00	0.5919 + 00	0.7064 + 00	0.1349 + 01	0.8273 + 00
0.1860 + 01	0.4107 + 00	0.5836 + 00	0.7038 + 00	0.1367 + 01	0.8228 + 00
0.1880 + 01	0.4035 + 00	0.5754 + 00	0.7012 + 00	0.1385 + 01	0.8185 + 00
0.1900 + 01	0.3964 + 00	0.5673 + 00	0.6988 + 00	0.1403 + 01	0.8141 + 00
0.1920 + 01	0.3895 + 00	0.5594 + 00	0.6964 + 00	0.1422 + 01	0.8099 + 00
0.1940 + 01	0.3828 + 00	0.5516 + 00	0.6940 + 00	0.1442 + 01	0.8057 + 00
0.1960 + 01	0.3763 + 00	0.5439 + 00	0.6918 + 00	0.1462 + 01	0.8015 + 00
0.1980 + 01	0.3699 + 00	0.5364 + 00	0.6896 + 00	0.1482 + 01	0.7974 + 00
0.2000 + 01	0.3636 + 00	0.5289 + 00	0.6875 + 00	0.1503 + 01	0.7934 + 00

Continued

Table A.3 | Continued

$M$	$\frac{p}{p^*}$	$\frac{T}{T^*}$	$\frac{\rho}{\rho^*}$	$\frac{P_o}{P_o^*}$	$\frac{T_o}{T_o^*}$
0.2050 + 01	0.3487 + 00	0.5109 + 00	0.6825 + 00	0.1558 + 01	0.7835 + 00
0.2100 + 01	0.3345 + 00	0.4936 + 00	0.6778 + 00	0.1616 + 01	0.7741 + 00
0.2150 + 01	0.3212 + 00	0.4770 + 00	0.6735 + 00	0.1678 + 01	0.7649 + 00
0.2200 + 01	0.3086 + 00	0.4611 + 00	0.6694 + 00	0.1743 + 01	0.7561 + 00
0.2250 + 01	0.2968 + 00	0.4458 + 00	0.6656 + 00	0.1813 + 01	0.7477 + 00
0.2300 + 01	0.2855 + 00	0.4312 + 00	0.6621 + 00	0.1886 + 01	0.7395 + 00
0.2350 + 01	0.2749 + 00	0.4172 + 00	0.6588 + 00	0.1963 + 01	0.7317 + 00
0.2400 + 01	0.2648 + 00	0.4038 + 00	0.6557 + 00	0.2045 + 01	0.7242 + 00
0.2450 + 01	0.2552 + 00	0.3910 + 00	0.6527 + 00	0.2131 + 01	0.7170 + 00
0.2500 + 01	0.2462 + 00	0.3787 + 00	0.6500 + 00	0.2222 + 01	0.7101 + 00
0.2550 + 01	0.2375 + 00	0.3669 + 00	0.6474 + 00	0.2317 + 01	0.7034 + 00
0.2600 + 01	0.2294 + 00	0.3556 + 00	0.6450 + 00	0.2418 + 01	0.6970 + 00
0.2650 + 01	0.2216 + 00	0.3448 + 00	0.6427 + 00	0.2523 + 01	0.6908 + 00
0.2700 + 01	0.2142 + 00	0.3344 + 00	0.6405 + 00	0.2634 + 01	0.6849 + 00
0.2750 + 01	0.2071 + 00	0.3244 + 00	0.6384 + 00	0.2751 + 01	0.6793 + 00
0.2800 + 01	0.2004 + 00	0.3149 + 00	0.6365 + 00	0.2873 + 01	0.6738 + 00
0.2850 + 01	0.1940 + 00	0.3057 + 00	0.6346 + 00	0.3001 + 01	0.6685 + 00
0.2900 + 01	0.1879 + 00	0.2969 + 00	0.6329 + 00	0.3136 + 01	0.6635 + 00
0.2950 + 01	0.1820 + 00	0.2884 + 00	0.6312 + 00	0.3277 + 01	0.6586 + 00
0.3000 + 01	0.1765 + 00	0.2803 + 00	0.6296 + 00	0.3424 + 01	0.6540 + 00
0.3050 + 01	0.1711 + 00	0.2725 + 00	0.6281 + 00	0.3579 + 01	0.6495 + 00
0.3100 + 01	0.1660 + 00	0.2650 + 00	0.6267 + 00	0.3741 + 01	0.6452 + 00
0.3150 + 01	0.1612 + 00	0.2577 + 00	0.6253 + 00	0.3910 + 01	0.6410 + 00
0.3200 + 01	0.1565 + 00	0.2508 + 00	0.6240 + 00	0.4087 + 01	0.6370 + 00
0.3250 + 01	0.1520 + 00	0.2441 + 00	0.6228 + 00	0.4272 + 01	0.6331 + 00
0.3300 + 01	0.1477 + 00	0.2377 + 00	0.6216 + 00	0.4465 + 01	0.6294 + 00
0.3350 + 01	0.1436 + 00	0.2315 + 00	0.6205 + 00	0.4667 + 01	0.6258 + 00
0.3400 + 01	0.1397 + 00	0.2255 + 00	0.6194 + 00	0.4878 + 01	0.6224 + 00
0.3450 + 01	0.1359 + 00	0.2197 + 00	0.6183 + 00	0.5098 + 01	0.6190 + 00
0.3500 + 01	0.1322 + 00	0.2142 + 00	0.6173 + 00	0.5328 + 01	0.6158 + 00
0.3550 + 01	0.1287 + 00	0.2088 + 00	0.6164 + 00	0.5568 + 01	0.6127 + 00
0.3600 + 01	0.1254 + 00	0.2037 + 00	0.6155 + 00	0.5817 + 01	0.6097 + 00
0.3650 + 01	0.1221 + 00	0.1987 + 00	0.6146 + 00	0.6078 + 01	0.6068 + 00
0.3700 + 01	0.1190 + 00	0.1939 + 00	0.6138 + 00	0.6349 + 01	0.6040 + 00
0.3750 + 01	0.1160 + 00	0.1893 + 00	0.6130 + 00	0.6631 + 01	0.6013 + 00
0.3800 + 01	0.1131 + 00	0.1848 + 00	0.6122 + 00	0.6926 + 01	0.5987 + 00
0.3850 + 01	0.1103 + 00	0.1805 + 00	0.6114 + 00	0.7232 + 01	0.5962 + 00
0.3900 + 01	0.1077 + 00	0.1763 + 00	0.6107 + 00	0.7550 + 01	0.5937 + 00
0.3950 + 01	0.1051 + 00	0.1722 + 00	0.6100 + 00	0.7882 + 01	0.5914 + 00
0.4000 + 01	0.1026 + 00	0.1683 + 00	0.6094 + 00	0.8227 + 01	0.5891 + 00
0.4050 + 01	0.1002 + 00	0.1645 + 00	0.6087 + 00	0.8585 + 01	0.5869 + 00
0.4100 + 01	0.9782 - 01	0.1609 + 00	0.6081 + 00	0.8958 + 01	0.5847 + 00
0.4150 + 01	0.9557 - 01	0.1573 + 00	0.6075 + 00	0.9345 + 01	0.5827 + 00
0.4200 + 01	0.9340 - 01	0.1539 + 00	0.6070 + 00	0.9747 + 01	0.5807 + 00
0.4250 + 01	0.9130 - 01	0.1506 + 00	0.6064 + 00	0.1016 + 02	0.5787 + 00
0.4300 + 01	0.8927 - 01	0.1473 + 00	0.6059 + 00	0.1060 + 02	0.5768 + 00
0.4350 + 01	0.8730 - 01	0.1442 + 00	0.6054 + 00	0.1105 + 02	0.5750 + 00
0.4400 + 01	0.8540 - 01	0.1412 + 00	0.6049 + 00	0.1152 + 02	0.5732 + 00
0.4450 + 01	0.8356 - 01	0.1383 + 00	0.6044 + 00	0.1200 + 02	0.5715 + 00
0.4500 + 01	0.8177 - 01	0.1354 + 00	0.6039 + 00	0.1250 + 02	0.5698 + 00

Table A.3 | *Continued*

$M$	$\frac{p}{p^*}$	$\frac{T}{T^*}$	$\frac{\rho}{\rho^*}$	$\frac{P_o}{P_o^*}$	$\frac{T_o}{T_o^*}$
0.4550 + 01	0.8004 - 01	0.1326 + 00	0.6035 + 00	0.1302 + 02	0.5682 + 00
0.4600 + 01	0.7837 - 01	0.1300 + 00	0.6030 + 00	0.1356 + 02	0.5666 + 00
0.4650 + 01	0.7675 - 01	0.1274 + 00	0.6026 + 00	0.1412 + 02	0.5651 + 00
0.4700 + 01	0.7517 - 01	0.1248 + 00	0.6022 + 00	0.1470 + 02	0.5636 + 00
0.4750 + 01	0.7365 - 01	0.1224 + 00	0.6018 + 00	0.1530 + 02	0.5622 + 00
0.4800 + 01	0.7217 - 01	0.1200 + 00	0.6014 + 00	0.1592 + 02	0.5608 + 00
0.4850 + 01	0.7073 - 01	0.1177 + 00	0.6010 + 00	0.1657 + 02	0.5594 + 00
0.4900 + 01	0.6934 - 01	0.1154 + 00	0.6007 + 00	0.1723 + 02	0.5581 + 00
0.4950 + 01	0.6798 - 01	0.1132 + 00	0.6003 + 00	0.1792 + 02	0.5568 + 00
0.5000 + 01	0.6667 - 01	0.1111 + 00	0.6000 + 00	0.1863 + 02	0.5556 + 00
0.5100 + 01	0.6415 - 01	0.1070 + 00	0.5994 + 00	0.2013 + 02	0.5532 + 00
0.5200 + 01	0.6177 - 01	0.1032 + 00	0.5987 + 00	0.2173 + 02	0.5509 + 00
0.5300 + 01	0.5951 - 01	0.9950 - 01	0.5982 + 00	0.2344 + 02	0.5487 + 00
0.5400 + 01	0.5738 - 01	0.9602 - 01	0.5976 + 00	0.2527 + 02	0.5467 + 00
0.5500 + 01	0.5536 - 01	0.9272 - 01	0.5971 + 00	0.2721 + 02	0.5447 + 00
0.5600 + 01	0.5345 - 01	0.8958 - 01	0.5966 + 00	0.2928 + 02	0.5429 + 00
0.5700 + 01	0.5163 - 01	0.8660 - 01	0.5962 + 00	0.3148 + 02	0.5411 + 00
0.5800 + 01	0.4990 - 01	0.8376 - 01	0.5957 + 00	0.3382 + 02	0.5394 + 00
0.5900 + 01	0.4826 - 01	0.8106 - 01	0.5953 + 00	0.3631 + 02	0.5378 + 00
0.6000 + 01	0.4669 - 01	0.7849 - 01	0.5949 + 00	0.3895 + 02	0.5363 + 00
0.6100 + 01	0.4520 - 01	0.7603 - 01	0.5945 + 00	0.4174 + 02	0.5349 + 00
0.6200 + 01	0.4378 - 01	0.7369 - 01	0.5942 + 00	0.4471 + 02	0.5335 + 00
0.6300 + 01	0.4243 - 01	0.7145 - 01	0.5938 + 00	0.4785 + 02	0.5322 + 00
0.6400 + 01	0.4114 - 01	0.6931 - 01	0.5935 + 00	0.5117 + 02	0.5309 + 00
0.6500 + 01	0.3990 - 01	0.6726 - 01	0.5932 + 00	0.5468 + 02	0.5297 + 00
0.6600 + 01	0.3872 - 01	0.6531 - 01	0.5929 + 00	0.5840 + 02	0.5285 + 00
0.6700 + 01	0.3759 - 01	0.6343 - 01	0.5926 + 00	0.6232 + 02	0.5274 + 00
0.6800 + 01	0.3651 - 01	0.6164 - 01	0.5923 + 00	0.6645 + 02	0.5264 + 00
0.6900 + 01	0.3547 - 01	0.5991 - 01	0.5921 + 00	0.7082 + 02	0.5254 + 00
0.7000 + 01	0.3448 - 01	0.5826 - 01	0.5918 + 00	0.7541 + 02	0.5244 + 00
0.7100 + 01	0.3353 - 01	0.5668 - 01	0.5916 + 00	0.8026 + 02	0.5234 + 00
0.7200 + 01	0.3262 - 01	0.5516 - 01	0.5914 + 00	0.8536 + 02	0.5225 + 00
0.7300 + 01	0.3174 - 01	0.5370 - 01	0.5912 + 00	0.9072 + 02	0.5217 + 00
0.7400 + 01	0.3090 - 01	0.5229 - 01	0.5909 + 00	0.9636 + 02	0.5208 + 00
0.7500 + 01	0.3009 - 01	0.5094 - 01	0.5907 + 00	0.1023 + 03	0.5200 + 00
0.7600 + 01	0.2932 - 01	0.4964 - 01	0.5905 + 00	0.1085 + 03	0.5193 + 00
0.7700 + 01	0.2857 - 01	0.4839 - 01	0.5904 + 00	0.1150 + 03	0.5185 + 00
0.7800 + 01	0.2785 - 01	0.4719 - 01	0.5902 + 00	0.1219 + 03	0.5178 + 00
0.7900 + 01	0.2716 - 01	0.4603 - 01	0.5900 + 00	0.1291 + 03	0.5171 + 00
0.8000 + 01	0.2649 - 01	0.4491 - 01	0.5898 + 00	0.1366 + 03	0.5165 + 00
0.9000 + 01	0.2098 - 01	0.3565 - 01	0.5885 + 00	0.2339 + 03	0.5110 + 00
0.1000 + 02	0.1702 - 01	0.2897 - 01	0.5875 + 00	0.3816 + 03	0.5070 + 00
0.1100 + 02	0.1408 - 01	0.2400 - 01	0.5868 + 00	0.5977 + 03	0.5041 + 00
0.1200 + 02	0.1185 - 01	0.2021 - 01	0.5862 + 00	0.9041 + 03	0.5018 + 00
0.1300 + 02	0.1010 - 01	0.1724 - 01	0.5858 + 00	0.1327 + 04	0.5001 + 00
0.1400 + 02	0.8715 - 02	0.1489 - 01	0.5855 + 00	0.1896 + 04	0.4986 + 00
0.1500 + 02	0.7595 - 02	0.1298 - 01	0.5852 + 00	0.2649 + 04	0.4975 + 00
0.1600 + 02	0.6678 - 02	0.1142 - 01	0.5850 + 00	0.3625 + 04	0.4966 + 00
0.1700 + 02	0.5917 - 02	0.1012 - 01	0.5848 + 00	0.4873 + 04	0.4958 + 00
0.1800 + 02	0.5279 - 02	0.9030 - 02	0.5846 + 00	0.6445 + 04	0.4952 + 00

*Continued*

**Table A.3 | Continued**

$M$	$\frac{p}{p^*}$	$\frac{T}{T^*}$	$\frac{\rho}{\rho^*}$	$\frac{p_o}{p_o^*}$	$\frac{T_o}{T_o^*}$
0.1900 + 02	0.4739 - 02	0.8109 - 02	0.5845 + 00	0.8402 + 04	0.4946 + 00
0.2000 + 02	0.4278 - 02	0.7321 - 02	0.5844 + 00	0.1081 + 05	0.4942 + 00
0.2200 + 02	0.3537 - 02	0.6054 - 02	0.5842 + 00	0.1728 + 05	0.4934 + 00
0.2400 + 02	0.2973 - 02	0.5089 - 02	0.5841 + 00	0.2656 + 05	0.4928 + 00
0.2600 + 02	0.2533 - 02	0.4338 - 02	0.5839 + 00	0.3946 + 05	0.4924 + 00
0.2800 + 02	0.2185 - 02	0.3742 - 02	0.5839 + 00	0.5697 + 05	0.4920 + 00
0.3000 + 02	0.1903 - 02	0.3260 - 02	0.5838 + 00	0.8021 + 05	0.4917 + 00
0.3200 + 02	0.1673 - 02	0.2866 - 02	0.5837 + 00	0.1105 + 06	0.4915 + 00
0.3400 + 02	0.1482 - 02	0.2539 - 02	0.5837 + 00	0.1494 + 06	0.4913 + 00
0.3600 + 02	0.1322 - 02	0.2265 - 02	0.5837 + 00	0.1985 + 06	0.4911 + 00
0.3800 + 02	0.1187 - 02	0.2033 - 02	0.5836 + 00	0.2597 + 06	0.4910 + 00
0.4000 + 02	0.1071 - 02	0.1835 - 02	0.5836 + 00	0.3353 + 06	0.4909 + 00
0.4200 + 02	0.9714 - 03	0.1665 - 02	0.5836 + 00	0.4275 + 06	0.4908 + 00
0.4400 + 02	0.8852 - 03	0.1517 - 02	0.5835 + 00	0.5390 + 06	0.4907 + 00
0.4600 + 02	0.8099 - 03	0.1388 - 02	0.5835 + 00	0.6726 + 06	0.4906 + 00
0.4800 + 02	0.7438 - 03	0.1275 - 02	0.5835 + 00	0.8316 + 06	0.4906 + 00
0.5000 + 02	0.6855 - 03	0.1175 - 02	0.5835 + 00	0.1019 + 07	0.4905 + 00