

TABLE 3.—Correction factor  $F_{\alpha}$ —Continued $s/r = 0.110$ 

|     | 0.00    | 0.01    | 0.02    | 0.03    | 0.04    | 0.05    | 0.06    | 0.07    | 0.08    | 0.09    |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.  | 8.91012 | 8.91009 | 8.91000 | 8.90985 | 8.90964 | 8.90937 | 8.90904 | 8.90865 | 8.90819 | 8.90767 |
| 0.1 | 8.90709 | 8.90645 | 8.90573 | 8.90495 | 8.90410 | 8.90318 | 8.90219 | 8.90113 | 8.89999 | 8.89877 |
| 0.2 | 8.89747 | 8.89609 | 8.89462 | 8.89306 | 8.89141 | 8.88967 | 8.88783 | 8.88589 | 8.88384 | 8.88167 |
| 0.3 | 8.87939 | 8.87699 | 8.87447 | 8.87181 | 8.86901 | 8.86607 | 8.86297 | 8.85971 | 8.85628 | 8.85267 |
| 0.4 | 8.84887 | 8.84487 | 8.84065 | 8.83622 | 8.83154 | 8.82661 | 8.82141 | 8.81592 | 8.81013 | 8.80401 |
| 0.5 | 8.79755 | 8.79070 | 8.78346 | 8.77579 | 8.76766 | 8.75903 | 8.74986 | 8.74012 | 8.72975 | 8.71871 |
| 0.6 | 8.70694 | 8.69437 | 8.68094 | 8.66656 | 8.65117 | 8.63465 | 8.61691 | 8.59783 | 8.57728 | 8.55512 |
| 0.7 | 8.53119 | 8.50530 | 8.47727 | 8.44688 | 8.41388 | 8.37802 | 8.33902 | 8.29659 | 8.25041 | 8.20019 |
| 0.8 | 8.14566 | 8.08662 | 8.02301 | 7.95503 | 7.88328 | 7.80912 | 7.73511 | 7.66582 | 7.60919 | 7.57874 |
| 0.9 | 7.59739 | 7.70392 | 7.96417 | 8.49167 | 9.49004 | 0.      | 0.      | 0.      | 0.      | 0.      |

 $s/r = 0.120$ 

|     | 0.00    | 0.01    | 0.02    | 0.03    | 0.04    | 0.05    | 0.06    | 0.07    | 0.08    | 0.09    |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.  | 8.88151 | 8.88150 | 8.88139 | 8.88122 | 8.88097 | 8.88065 | 8.88026 | 8.87980 | 8.87927 | 8.87865 |
| 0.1 | 8.87797 | 8.87721 | 8.87637 | 8.87545 | 8.87446 | 8.87337 | 8.87221 | 8.87096 | 8.86961 | 8.86818 |
| 0.2 | 8.86665 | 8.86503 | 8.86330 | 8.86147 | 8.85954 | 8.85749 | 8.85533 | 8.85305 | 8.85064 | 8.84810 |
| 0.3 | 8.84543 | 8.84261 | 8.83965 | 8.83653 | 8.83325 | 8.82980 | 8.82617 | 8.82235 | 8.81833 | 8.81411 |
| 0.4 | 8.80966 | 8.80499 | 8.80006 | 8.79488 | 8.78942 | 8.78366 | 8.77759 | 8.77120 | 8.76445 | 8.75732 |
| 0.5 | 8.74979 | 8.74184 | 8.73342 | 8.72452 | 8.71508 | 8.70508 | 8.69447 | 8.68320 | 8.67123 | 8.65849 |
| 0.6 | 8.64492 | 8.63046 | 8.61504 | 8.59856 | 8.58093 | 8.56207 | 8.54185 | 8.52016 | 8.49685 | 8.47180 |
| 0.7 | 8.44482 | 8.41576 | 8.38440 | 8.35056 | 8.31401 | 8.27452 | 8.23185 | 8.18578 | 8.13609 | 8.08262 |
| 0.8 | 8.02530 | 7.96420 | 7.89964 | 7.83237 | 7.76376 | 7.69626 | 7.63397 | 7.58365 | 7.55630 | 7.56976 |
| 0.9 | 7.65287 | 7.85246 | 8.24526 | 8.96037 | 0.      | 0.      | 0.      | 0.      | 0.      | 0.      |

 $s/r = 0.130$ 

|     | 0.00    | 0.01    | 0.02    | 0.03    | 0.04    | 0.05    | 0.06    | 0.07    | 0.08    | 0.09    |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.  | 8.85074 | 8.85070 | 8.85058 | 8.85038 | 8.85009 | 8.84972 | 8.84927 | 8.84873 | 8.84811 | 8.84741 |
| 0.1 | 8.84661 | 8.84573 | 8.84476 | 8.84370 | 8.84254 | 8.84129 | 8.83994 | 8.83849 | 8.83693 | 8.83527 |
| 0.2 | 8.83350 | 8.83162 | 8.82962 | 8.82751 | 8.82527 | 8.82290 | 8.82040 | 8.81775 | 8.81497 | 8.81204 |
| 0.3 | 8.80894 | 8.80569 | 8.80227 | 8.79867 | 8.79488 | 8.79090 | 8.78671 | 8.78230 | 8.77767 | 8.77280 |
| 0.4 | 8.76768 | 8.76229 | 8.75663 | 8.75066 | 8.74438 | 8.73777 | 8.73080 | 8.72346 | 8.71572 | 8.70755 |
| 0.5 | 8.69893 | 8.68982 | 8.68020 | 8.67002 | 8.65925 | 8.64785 | 8.63576 | 8.62294 | 8.60933 | 8.59488 |
| 0.6 | 8.57951 | 8.56315 | 8.54573 | 8.52715 | 8.50733 | 8.48615 | 8.46352 | 8.43929 | 8.41334 | 8.38553 |
| 0.7 | 8.35570 | 8.32368 | 8.28930 | 8.25238 | 8.21273 | 8.17016 | 8.12452 | 8.07567 | 8.02353 | 7.96812 |
| 0.8 | 7.90961 | 7.84842 | 7.78534 | 7.72176 | 7.65996 | 7.60360 | 7.55845 | 7.53359 | 7.54314 | 7.60913 |
| 0.9 | 7.76596 | 8.06771 | 8.60099 | 9.50973 | 0.      | 0.      | 0.      | 0.      | 0.      | 0.      |

 $s/r = 0.140$ 

|     | 0.00    | 0.01    | 0.02    | 0.03    | 0.04    | 0.05    | 0.06    | 0.07    | 0.08    | 0.09    |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.  | 8.81782 | 8.81777 | 8.81763 | 8.81740 | 8.81707 | 8.81665 | 8.81613 | 8.81552 | 8.81481 | 8.81400 |
| 0.1 | 8.81309 | 8.81208 | 8.81097 | 8.80975 | 8.80843 | 8.80699 | 8.80545 | 8.80379 | 8.80201 | 8.80011 |
| 0.2 | 8.79809 | 8.79594 | 8.79366 | 8.79124 | 8.78868 | 8.78598 | 8.78312 | 8.78010 | 8.77692 | 8.77358 |
| 0.3 | 8.77005 | 8.76634 | 8.76244 | 8.75833 | 8.75402 | 8.74948 | 8.74471 | 8.73970 | 8.73443 | 8.72889 |
| 0.4 | 8.72307 | 8.71694 | 8.71051 | 8.70373 | 8.69661 | 8.68911 | 8.68122 | 8.67290 | 8.66414 | 8.65491 |
| 0.5 | 8.64517 | 8.63489 | 8.62403 | 8.61257 | 8.60045 | 8.58762 | 8.57405 | 8.55968 | 8.54444 | 8.52827 |
| 0.6 | 8.51111 | 8.49288 | 8.47350 | 8.45287 | 8.43091 | 8.40751 | 8.38256 | 8.35593 | 8.32751 | 8.29715 |
| 0.7 | 8.26471 | 8.23005 | 8.19302 | 8.15347 | 8.11127 | 8.06630 | 8.01850 | 7.96786 | 7.91446 | 7.85855 |
| 0.8 | 7.80060 | 7.74144 | 7.68240 | 7.62559 | 7.57428 | 7.53344 | 7.51060 | 7.51715 | 7.57027 | 7.69591 |
| 0.9 | 7.93352 | 8.34375 | 9.02236 | 0.      | 0.      | 0.      | 0.      | 0.      | 0.      | 0.      |

 $s/r = 0.150$ 

|     | 0.00    | 0.01    | 0.02    | 0.03    | 0.04    | 0.05    | 0.06    | 0.07    | 0.08    | 0.09    |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.  | 8.78282 | 8.78277 | 8.78261 | 8.78234 | 8.78197 | 8.78150 | 8.78091 | 8.78022 | 8.77941 | 8.77850 |
| 0.1 | 8.77747 | 8.77633 | 8.77507 | 8.77369 | 8.77219 | 8.77057 | 8.76883 | 8.76695 | 8.76494 | 8.76279 |
| 0.2 | 8.76051 | 8.75808 | 8.75550 | 8.75277 | 8.74987 | 8.74682 | 8.74359 | 8.74019 | 8.73660 | 8.73282 |
| 0.3 | 8.72885 | 8.72466 | 8.72026 | 8.71564 | 8.71078 | 8.70567 | 8.70030 | 8.69466 | 8.68873 | 8.68250 |
| 0.4 | 8.67596 | 8.66909 | 8.66186 | 8.65426 | 8.64628 | 8.63787 | 8.62903 | 8.61973 | 8.60994 | 8.59962 |
| 0.5 | 8.58875 | 8.57728 | 8.56519 | 8.55243 | 8.53896 | 8.52472 | 8.50967 | 8.49375 | 8.47690 | 8.45906 |
| 0.6 | 8.44014 | 8.42009 | 8.39881 | 8.37622 | 8.35222 | 8.32672 | 8.29960 | 8.27076 | 8.24007 | 8.20743 |
| 0.7 | 8.17270 | 8.13578 | 8.09654 | 8.05490 | 8.01080 | 7.96420 | 7.91516 | 7.86381 | 7.81045 | 7.75558 |
| 0.8 | 7.70004 | 7.64509 | 7.59269 | 7.54572 | 7.50850 | 7.48734 | 7.49154 | 7.53475 | 7.63702 | 7.82789 |
| 0.9 | 8.15134 | 8.67406 | 9.50075 | 0.      | 0.      | 0.      | 0.      | 0.      | 0.      | 0.      |