

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-3000	2,529421E+22	2,471846E+22	2,398007E+22	2,398000E+22	2,471812E+22	2,529344E+22	2,493203E+22	2,373076E+22	2,263137E+22	2,263153E+22	2,373088E+22	2,493171E+22
-2999	2,529268E+22	2,471704E+22	2,397908E+22	2,397967E+22	2,471826E+22	2,529387E+22	2,493262E+22	2,373131E+22	2,263168E+22	2,263158E+22	2,373101E+22	2,493214E+22
-2998	2,529363E+22	2,471844E+22	2,398006E+22	2,398008E+22	2,471848E+22	2,529389E+22	2,493244E+22	2,373118E+22	2,263177E+22	2,263198E+22	2,373182E+22	2,493309E+22
-2997	2,529394E+22	2,471820E+22	2,397981E+22	2,397979E+22	2,471822E+22	2,529395E+22	2,493279E+22	2,373154E+22	2,263194E+22	2,263163E+22	2,373071E+22	2,493175E+22
-2996	2,529300E+22	2,471766E+22	2,397972E+22	2,397978E+22	2,471791E+22	2,529356E+22	2,493274E+22	2,373198E+22	2,263268E+22	2,263249E+22	2,373160E+22	2,493270E+22
-2995	2,529434E+22	2,471911E+22	2,398077E+22	2,398056E+22	2,471834E+22	2,529343E+22	2,493228E+22	2,373163E+22	2,263263E+22	2,263282E+22	2,373207E+22	2,493267E+22
-2994	2,529343E+22	2,471798E+22	2,397999E+22	2,398024E+22	2,471850E+22	2,529388E+22	2,493265E+22	2,373174E+22	2,263254E+22	2,263238E+22	2,373131E+22	2,493198E+22
-2993	2,529316E+22	2,471829E+22	2,398061E+22	2,398053E+22	2,471838E+22	2,529358E+22	2,493240E+22	2,373163E+22	2,263263E+22	2,263283E+22	2,373230E+22	2,493353E+22
-2992	2,529474E+22	2,471910E+22	2,398085E+22	2,398077E+22	2,471865E+22	2,529376E+22	2,493238E+22	2,373138E+22	2,263229E+22	2,263253E+22	2,373173E+22	2,493235E+22
-2991	2,529328E+22	2,471781E+22	2,397978E+22	2,398010E+22	2,471847E+22	2,529405E+22	2,493297E+22	2,373195E+22	2,263244E+22	2,263212E+22	2,373115E+22	2,493210E+22
-2990	2,529366E+22	2,471891E+22	2,398085E+22	2,398060E+22	2,471855E+22	2,529377E+22	2,493253E+22	2,373167E+22	2,263250E+22	2,263248E+22	2,373186E+22	2,493307E+22
-2989	2,529415E+22	2,471866E+22	2,398056E+22	2,398051E+22	2,471853E+22	2,529383E+22	2,493255E+22	2,373154E+22	2,263226E+22	2,263209E+22	2,373093E+22	2,493159E+22
-2988	2,529272E+22	2,471739E+22	2,397958E+22	2,397994E+22	2,471824E+22	2,529372E+22	2,493261E+22	2,373168E+22	2,263238E+22	2,263232E+22	2,373153E+22	2,493246E+22
-2987	2,529383E+22	2,471862E+22	2,398032E+22	2,398027E+22	2,471839E+22	2,529366E+22	2,493234E+22	2,373127E+22	2,263195E+22	2,263219E+22	2,373193E+22	2,493298E+22
-2986	2,529353E+22	2,471764E+22	2,397933E+22	2,397955E+22	2,471816E+22	2,529391E+22	2,493270E+22	2,373138E+22	2,263171E+22	2,263143E+22	2,373065E+22	2,493180E+22
-2985	2,529303E+22	2,471770E+22	2,397959E+22	2,397945E+22	2,471767E+22	2,529335E+22	2,493235E+22	2,373130E+22	2,263182E+22	2,263177E+22	2,373135E+22	2,493295E+22
-2984	2,529459E+22	2,471895E+22	2,398028E+22	2,397996E+22	2,471792E+22	2,529325E+22	2,493199E+22	2,373088E+22	2,263159E+22	2,263181E+22	2,373123E+22	2,493206E+22
-2983	2,529307E+22	2,471755E+22	2,397924E+22	2,397944E+22	2,471796E+22	2,529361E+22	2,493244E+22	2,373126E+22	2,263167E+22	2,263145E+22	2,373068E+22	2,493166E+22
-2982	2,529299E+22	2,471813E+22	2,398015E+22	2,398009E+22	2,471826E+22	2,529350E+22	2,493208E+22	2,373100E+22	2,263175E+22	2,263189E+22	2,373158E+22	2,493309E+22
-2981	2,529418E+22	2,471840E+22	2,398015E+22	2,398025E+22	2,471848E+22	2,529381E+22	2,493233E+22	2,373102E+22	2,263163E+22	2,263168E+22	2,373095E+22	2,493189E+22
-2980	2,529292E+22	2,471721E+22	2,397911E+22	2,397955E+22	2,471813E+22	2,529383E+22	2,493275E+22	2,373163E+22	2,263209E+22	2,263192E+22	2,373120E+22	2,493227E+22
-2979	2,529378E+22	2,471876E+22	2,398045E+22	2,398021E+22	2,471825E+22	2,529366E+22	2,493260E+22	2,373170E+22	2,263235E+22	2,263235E+22	2,373185E+22	2,493300E+22
-2978	2,529388E+22	2,471833E+22	2,398018E+22	2,398015E+22	2,471832E+22	2,529384E+22	2,493278E+22	2,373190E+22	2,263262E+22	2,263233E+22	2,373102E+22	2,493163E+22
-2977	2,529284E+22	2,471790E+22	2,398025E+22	2,398023E+22	2,471811E+22	2,529342E+22	2,493246E+22	2,373189E+22	2,263294E+22	2,263295E+22	2,373199E+22	2,493288E+22
-2976	2,529437E+22	2,471926E+22	2,398117E+22	2,398102E+22	2,471871E+22	2,529359E+22	2,493218E+22	2,373147E+22	2,263277E+22	2,263323E+22	2,373242E+22	2,493284E+22
-2975	2,529346E+22	2,471799E+22	2,398010E+22	2,398040E+22	2,471867E+22	2,529403E+22	2,493281E+22	2,373193E+22	2,263278E+22	2,263267E+22	2,373157E+22	2,493220E+22
-2974	2,529330E+22	2,471836E+22	2,398067E+22	2,398076E+22	2,471873E+22	2,529383E+22	2,493258E+22	2,373184E+22	2,263283E+22	2,263286E+22	2,373214E+22	2,493344E+22
-2973	2,529484E+22	2,471936E+22	2,398115E+22	2,398099E+22	2,471883E+22	2,529396E+22	2,493267E+22	2,373180E+22	2,263272E+22	2,263270E+22	2,373161E+22	2,493220E+22
-2972	2,529326E+22	2,471798E+22	2,398005E+22	2,398019E+22	2,471833E+22	2,529383E+22	2,493293E+22	2,373220E+22	2,263293E+22	2,263264E+22	2,373143E+22	2,493205E+22
-2971	2,529341E+22	2,471882E+22	2,398111E+22	2,398088E+22	2,471854E+22	2,529363E+22	2,493255E+22	2,373194E+22	2,263289E+22	2,263291E+22	2,373213E+22	2,493312E+22
-2970	2,529396E+22	2,471842E+22	2,398052E+22	2,398066E+22	2,471874E+22	2,529397E+22	2,493261E+22	2,373166E+22	2,263258E+22	2,263257E+22	2,373133E+22	2,493177E+22
-2969	2,529276E+22	2,471747E+22	2,397964E+22	2,397987E+22	2,471815E+22	2,529364E+22	2,493251E+22	2,373157E+22	2,263234E+22	2,263240E+22	2,373168E+22	2,493273E+22
-2968	2,529420E+22	2,471893E+22	2,398053E+22	2,398030E+22	2,471832E+22	2,529359E+22	2,493226E+22	2,373124E+22	2,263207E+22	2,263235E+22	2,373191E+22	2,493294E+22
-2967	2,529371E+22	2,471797E+22	2,397964E+22	2,397960E+22	2,471797E+22	2,529367E+22	2,493264E+22	2,373160E+22	2,263207E+22	2,263173E+22	2,373070E+22	2,493170E+22
-2966	2,529296E+22	2,471783E+22	2,397998E+22	2,397996E+22	2,471800E+22	2,529330E+22	2,493219E+22	2,373132E+22	2,263205E+22	2,263199E+22	2,373130E+22	2,493274E+22
-2965	2,529443E+22	2,471903E+22	2,398069E+22	2,398053E+22	2,471844E+22	2,529353E+22	2,493207E+22	2,373101E+22	2,263186E+22	2,263208E+22	2,373137E+22	2,493207E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-2964	2,529297E+22	2,471752E+22	2,397940E+22	2,397963E+22	2,471814E+22	2,529374E+22	2,493253E+22	2,373138E+22	2,263193E+22	2,263185E+22	2,373106E+22	2,493187E+22
-2963	2,529295E+22	2,471804E+22	2,398029E+22	2,398027E+22	2,471833E+22	2,529367E+22	2,493247E+22	2,373144E+22	2,263210E+22	2,263214E+22	2,373168E+22	2,493315E+22
-2962	2,529424E+22	2,471840E+22	2,398018E+22	2,398031E+22	2,471860E+22	2,529400E+22	2,493265E+22	2,373153E+22	2,263225E+22	2,263219E+22	2,373112E+22	2,493180E+22
-2961	2,529296E+22	2,471758E+22	2,397951E+22	2,397962E+22	2,471795E+22	2,529362E+22	2,493270E+22	2,373186E+22	2,263256E+22	2,263238E+22	2,373140E+22	2,493230E+22
-2960	2,529388E+22	2,471905E+22	2,398096E+22	2,398060E+22	2,471830E+22	2,529344E+22	2,493236E+22	2,373176E+22	2,263286E+22	2,263303E+22	2,373221E+22	2,493298E+22
-2959	2,529379E+22	2,471835E+22	2,398043E+22	2,398047E+22	2,471845E+22	2,529370E+22	2,493260E+22	2,373198E+22	2,263305E+22	2,263296E+22	2,373158E+22	2,493191E+22
-2958	2,529283E+22	2,471782E+22	2,398041E+22	2,398069E+22	2,471860E+22	2,529362E+22	2,493239E+22	2,373178E+22	2,263298E+22	2,263313E+22	2,373220E+22	2,493312E+22
-2957	2,529457E+22	2,471940E+22	2,398139E+22	2,398131E+22	2,471904E+22	2,529392E+22	2,493246E+22	2,373166E+22	2,263287E+22	2,263322E+22	2,373242E+22	2,493299E+22
-2956	2,529373E+22	2,471830E+22	2,398032E+22	2,398041E+22	2,471858E+22	2,529402E+22	2,493297E+22	2,373221E+22	2,263308E+22	2,263286E+22	2,373161E+22	2,493219E+22
-2955	2,529338E+22	2,471865E+22	2,398113E+22	2,398099E+22	2,471863E+22	2,529377E+22	2,493284E+22	2,373233E+22	2,263330E+22	2,263311E+22	2,373201E+22	2,493312E+22
-2954	2,529464E+22	2,471936E+22	2,398140E+22	2,398134E+22	2,471904E+22	2,529401E+22	2,493277E+22	2,373215E+22	2,263331E+22	2,263328E+22	2,373181E+22	2,493194E+22
-2953	2,529299E+22	2,471805E+22	2,398034E+22	2,398044E+22	2,471845E+22	2,529378E+22	2,493279E+22	2,373219E+22	2,263317E+22	2,263303E+22	2,373179E+22	2,493222E+22
-2952	2,529340E+22	2,471876E+22	2,398123E+22	2,398106E+22	2,471868E+22	2,529367E+22	2,493247E+22	2,373186E+22	2,263306E+22	2,263328E+22	2,373243E+22	2,493326E+22
-2951	2,529400E+22	2,471829E+22	2,398041E+22	2,398058E+22	2,471865E+22	2,529393E+22	2,493269E+22	2,373185E+22	2,263283E+22	2,263284E+22	2,373162E+22	2,493201E+22
-2950	2,529297E+22	2,471755E+22	2,397970E+22	2,398001E+22	2,471828E+22	2,529364E+22	2,493250E+22	2,373165E+22	2,263246E+22	2,263242E+22	2,373158E+22	2,493267E+22
-2949	2,529437E+22	2,471929E+22	2,398093E+22	2,398052E+22	2,471835E+22	2,529357E+22	2,493232E+22	2,373145E+22	2,263235E+22	2,263249E+22	2,373187E+22	2,493281E+22
-2948	2,529370E+22	2,471820E+22	2,398005E+22	2,397987E+22	2,471792E+22	2,529342E+22	2,493244E+22	2,373165E+22	2,263241E+22	2,263216E+22	2,373100E+22	2,493169E+22
-2947	2,529279E+22	2,471781E+22	2,398031E+22	2,398037E+22	2,471818E+22	2,529334E+22	2,493224E+22	2,373147E+22	2,263232E+22	2,263229E+22	2,373146E+22	2,493268E+22
-2946	2,529425E+22	2,471881E+22	2,398072E+22	2,398082E+22	2,471883E+22	2,529387E+22	2,493230E+22	2,373122E+22	2,263217E+22	2,263246E+22	2,373163E+22	2,493212E+22
-2945	2,529300E+22	2,471763E+22	2,397954E+22	2,397969E+22	2,471816E+22	2,529382E+22	2,493266E+22	2,373152E+22	2,263209E+22	2,263202E+22	2,373123E+22	2,493206E+22
-2944	2,529321E+22	2,471825E+22	2,398050E+22	2,398036E+22	2,471829E+22	2,529365E+22	2,493254E+22	2,373170E+22	2,263254E+22	2,263253E+22	2,373177E+22	2,493305E+22
-2943	2,529427E+22	2,471859E+22	2,398046E+22	2,398042E+22	2,471845E+22	2,529380E+22	2,493269E+22	2,373192E+22	2,263287E+22	2,263280E+22	2,373146E+22	2,493183E+22
-2942	2,529292E+22	2,471767E+22	2,397988E+22	2,398015E+22	2,471826E+22	2,529353E+22	2,493251E+22	2,373192E+22	2,263292E+22	2,263281E+22	2,373162E+22	2,493229E+22
-2941	2,529390E+22	2,471923E+22	2,398137E+22	2,398110E+22	2,471869E+22	2,529362E+22	2,493238E+22	2,373185E+22	2,263313E+22	2,263337E+22	2,373255E+22	2,493322E+22
-2940	2,529389E+22	2,471848E+22	2,398069E+22	2,398071E+22	2,471857E+22	2,529374E+22	2,493262E+22	2,373206E+22	2,263327E+22	2,263330E+22	2,373197E+22	2,493222E+22
-2939	2,529300E+22	2,471792E+22	2,398065E+22	2,398092E+22	2,471870E+22	2,529379E+22	2,493276E+22	2,373217E+22	2,263324E+22	2,263323E+22	2,373215E+22	2,493307E+22
-2938	2,529469E+22	2,471958E+22	2,398159E+22	2,398150E+22	2,471922E+22	2,529415E+22	2,493282E+22	2,373216E+22	2,263340E+22	2,263356E+22	2,373241E+22	2,493273E+22
-2937	2,529371E+22	2,471869E+22	2,398078E+22	2,398058E+22	2,471844E+22	2,529385E+22	2,493297E+22	2,373245E+22	2,263348E+22	2,263321E+22	2,373170E+22	2,493204E+22
-2936	2,529325E+22	2,471872E+22	2,398150E+22	2,398138E+22	2,471873E+22	2,529361E+22	2,493264E+22	2,373243E+22	2,263381E+22	2,263373E+22	2,373229E+22	2,493294E+22
-2935	2,529434E+22	2,471916E+22	2,398146E+22	2,398153E+22	2,471915E+22	2,529394E+22	2,493265E+22	2,373224E+22	2,263371E+22	2,263386E+22	2,373236E+22	2,493220E+22
-2934	2,529292E+22	2,471779E+22	2,398025E+22	2,398066E+22	2,471872E+22	2,529385E+22	2,493268E+22	2,373207E+22	2,263318E+22	2,263317E+22	2,373199E+22	2,493247E+22
-2933	2,529366E+22	2,471889E+22	2,398127E+22	2,398112E+22	2,471875E+22	2,529379E+22	2,493261E+22	2,373199E+22	2,263310E+22	2,263324E+22	2,373250E+22	2,493347E+22
-2932	2,529432E+22	2,471861E+22	2,398059E+22	2,398051E+22	2,471837E+22	2,529367E+22	2,493263E+22	2,373200E+22	2,263303E+22	2,263298E+22	2,373170E+22	2,493206E+22
-2931	2,529310E+22	2,471786E+22	2,398017E+22	2,398028E+22	2,471818E+22	2,529352E+22	2,493260E+22	2,373189E+22	2,263272E+22	2,263255E+22	2,373146E+22	2,493239E+22
-2930	2,529422E+22	2,471937E+22	2,398129E+22	2,398102E+22	2,471870E+22	2,529368E+22	2,493237E+22	2,373163E+22	2,263273E+22	2,263290E+22	2,373201E+22	2,493254E+22
-2929	2,529347E+22	2,471833E+22	2,398040E+22	2,398024E+22	2,471819E+22	2,529353E+22	2,493240E+22	2,373161E+22	2,263252E+22	2,263243E+22	2,373128E+22	2,493181E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2928	2,529276E+22	2,471773E+22	2,398045E+22	2,398068E+22	2,471848E+22	2,529356E+22	2,493233E+22	2,373160E+22	2,263262E+22	2,263265E+22	2,373167E+22	2,493269E+22
-2927	2,529420E+22	2,471868E+22	2,398062E+22	2,398082E+22	2,471887E+22	2,529399E+22	2,493259E+22	2,373166E+22	2,263264E+22	2,263284E+22	2,373191E+22	2,493229E+22
-2926	2,529314E+22	2,471767E+22	2,397960E+22	2,397985E+22	2,471826E+22	2,529383E+22	2,493278E+22	2,373185E+22	2,263251E+22	2,263230E+22	2,373128E+22	2,493203E+22
-2925	2,529336E+22	2,471858E+22	2,398089E+22	2,398059E+22	2,471825E+22	2,529355E+22	2,493264E+22	2,373207E+22	2,263304E+22	2,263295E+22	2,373202E+22	2,493306E+22
-2924	2,529424E+22	2,471878E+22	2,398084E+22	2,398069E+22	2,471836E+22	2,529346E+22	2,493245E+22	2,373205E+22	2,263336E+22	2,263343E+22	2,373202E+22	2,493206E+22
-2923	2,529293E+22	2,471777E+22	2,398025E+22	2,398054E+22	2,471843E+22	2,529357E+22	2,493253E+22	2,373199E+22	2,263317E+22	2,263317E+22	2,373192E+22	2,493243E+22
-2922	2,529394E+22	2,471924E+22	2,398152E+22	2,398142E+22	2,471903E+22	2,529387E+22	2,493252E+22	2,373198E+22	2,263337E+22	2,263368E+22	2,373276E+22	2,493326E+22
-2921	2,529408E+22	2,471884E+22	2,398101E+22	2,398090E+22	2,471863E+22	2,529377E+22	2,493268E+22	2,373217E+22	2,263339E+22	2,263337E+22	2,373201E+22	2,493231E+22
-2920	2,529326E+22	2,471829E+22	2,398105E+22	2,398119E+22	2,471876E+22	2,529375E+22	2,493277E+22	2,373245E+22	2,263372E+22	2,263353E+22	2,373205E+22	2,493273E+22
-2919	2,529449E+22	2,471968E+22	2,398190E+22	2,398177E+22	2,471923E+22	2,529405E+22	2,493289E+22	2,373258E+22	2,263402E+22	2,263409E+22	2,373264E+22	2,493260E+22
-2918	2,529346E+22	2,471856E+22	2,398104E+22	2,398114E+22	2,471883E+22	2,529387E+22	2,493288E+22	2,373255E+22	2,263384E+22	2,263362E+22	2,373193E+22	2,493200E+22
-2917	2,529312E+22	2,471867E+22	2,398163E+22	2,398168E+22	2,471903E+22	2,529382E+22	2,493275E+22	2,373254E+22	2,263402E+22	2,263404E+22	2,373270E+22	2,493320E+22
-2916	2,529431E+22	2,471908E+22	2,398143E+22	2,398153E+22	2,471910E+22	2,529390E+22	2,493265E+22	2,373231E+22	2,263388E+22	2,263416E+22	2,373280E+22	2,493262E+22
-2915	2,529318E+22	2,471790E+22	2,398029E+22	2,398063E+22	2,471864E+22	2,529389E+22	2,493290E+22	2,373229E+22	2,263334E+22	2,263320E+22	2,373194E+22	2,493249E+22
-2914	2,529387E+22	2,471916E+22	2,398143E+22	2,398118E+22	2,471875E+22	2,529380E+22	2,493274E+22	2,373228E+22	2,263347E+22	2,263346E+22	2,373245E+22	2,493324E+22
-2913	2,529437E+22	2,471909E+22	2,398109E+22	2,398075E+22	2,471825E+22	2,529338E+22	2,493245E+22	2,373204E+22	2,263326E+22	2,263320E+22	2,373176E+22	2,493198E+22
-2912	2,529304E+22	2,471799E+22	2,398058E+22	2,398078E+22	2,471841E+22	2,529339E+22	2,493234E+22	2,373191E+22	2,263309E+22	2,263296E+22	2,373161E+22	2,493218E+22
-2911	2,529388E+22	2,471918E+22	2,398136E+22	2,398129E+22	2,471897E+22	2,529383E+22	2,493242E+22	2,373177E+22	2,263303E+22	2,263330E+22	2,373240E+22	2,493272E+22
-2910	2,529337E+22	2,471810E+22	2,398036E+22	2,398054E+22	2,471854E+22	2,529376E+22	2,493253E+22	2,373168E+22	2,263261E+22	2,263253E+22	2,373137E+22	2,493193E+22
-2909	2,529295E+22	2,471787E+22	2,398048E+22	2,398072E+22	2,471856E+22	2,529376E+22	2,493266E+22	2,373197E+22	2,263288E+22	2,263278E+22	2,373180E+22	2,493280E+22
-2908	2,529433E+22	2,471894E+22	2,398081E+22	2,398078E+22	2,471860E+22	2,529374E+22	2,493261E+22	2,373202E+22	2,263317E+22	2,263327E+22	2,373217E+22	2,493239E+22
-2907	2,529322E+22	2,471793E+22	2,398000E+22	2,398009E+22	2,471816E+22	2,529365E+22	2,493282E+22	2,373216E+22	2,263303E+22	2,263272E+22	2,373139E+22	2,493189E+22
-2906	2,529328E+22	2,471875E+22	2,398127E+22	2,398107E+22	2,471854E+22	2,529355E+22	2,493257E+22	2,373226E+22	2,263355E+22	2,263355E+22	2,373238E+22	2,493302E+22
-2905	2,529421E+22	2,471906E+22	2,398125E+22	2,398107E+22	2,471853E+22	2,529342E+22	2,493229E+22	2,373196E+22	2,263349E+22	2,263374E+22	2,373239E+22	2,493234E+22
-2904	2,529304E+22	2,471788E+22	2,398055E+22	2,398096E+22	2,471873E+22	2,529368E+22	2,493251E+22	2,373209E+22	2,263346E+22	2,263345E+22	2,373205E+22	2,493245E+22
-2903	2,529396E+22	2,471931E+22	2,398164E+22	2,398162E+22	2,471922E+22	2,529404E+22	2,493278E+22	2,373237E+22	2,263380E+22	2,263398E+22	2,373291E+22	2,493331E+22
-2902	2,529413E+22	2,471895E+22	2,398127E+22	2,398125E+22	2,471885E+22	2,529385E+22	2,493281E+22	2,373247E+22	2,263379E+22	2,263361E+22	2,373195E+22	2,493212E+22
-2901	2,529324E+22	2,471854E+22	2,398142E+22	2,398155E+22	2,471890E+22	2,529378E+22	2,493292E+22	2,373283E+22	2,263421E+22	2,263397E+22	2,373232E+22	2,493265E+22
-2900	2,529421E+22	2,471963E+22	2,398210E+22	2,398201E+22	2,471925E+22	2,529383E+22	2,493273E+22	2,373274E+22	2,263451E+22	2,263470E+22	2,373317E+22	2,493285E+22
-2899	2,529338E+22	2,471845E+22	2,398110E+22	2,398128E+22	2,471895E+22	2,529397E+22	2,493296E+22	2,373264E+22	2,263407E+22	2,263394E+22	2,373223E+22	2,493221E+22
-2898	2,529320E+22	2,471864E+22	2,398159E+22	2,398174E+22	2,471915E+22	2,529396E+22	2,493289E+22	2,373269E+22	2,263422E+22	2,263428E+22	2,373289E+22	2,493333E+22
-2897	2,529458E+22	2,471948E+22	2,398160E+22	2,398147E+22	2,471891E+22	2,529373E+22	2,493260E+22	2,373234E+22	2,263393E+22	2,263416E+22	2,373282E+22	2,493278E+22
-2896	2,529348E+22	2,471835E+22	2,398071E+22	2,398086E+22	2,471859E+22	2,529368E+22	2,493272E+22	2,373243E+22	2,263370E+22	2,263338E+22	2,373179E+22	2,493220E+22
-2895	2,529375E+22	2,471934E+22	2,398179E+22	2,398151E+22	2,471885E+22	2,529369E+22	2,493267E+22	2,373247E+22	2,263387E+22	2,263382E+22	2,373256E+22	2,493311E+22
-2894	2,529415E+22	2,471903E+22	2,398141E+22	2,398139E+22	2,471874E+22	2,529349E+22	2,493235E+22	2,373203E+22	2,263344E+22	2,263342E+22	2,373185E+22	2,493191E+22
-2893	2,529291E+22	2,471801E+22	2,398075E+22	2,398114E+22	2,471881E+22	2,529373E+22	2,493258E+22	2,373209E+22	2,263325E+22	2,263318E+22	2,373190E+22	2,493230E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2892	2,529367E+22	2,471900E+22	2,398131E+22	2,398134E+22	2,471902E+22	2,529390E+22	2,493261E+22	2,373206E+22	2,263337E+22	2,263361E+22	2,373271E+22	2,493301E+22
-2891	2,529353E+22	2,471817E+22	2,398035E+22	2,398046E+22	2,471851E+22	2,529392E+22	2,493289E+22	2,373211E+22	2,263303E+22	2,263276E+22	2,373140E+22	2,493191E+22
-2890	2,529305E+22	2,471810E+22	2,398061E+22	2,398071E+22	2,471847E+22	2,529370E+22	2,493280E+22	2,373238E+22	2,263349E+22	2,263327E+22	2,373191E+22	2,493263E+22
-2889	2,529432E+22	2,471934E+22	2,398124E+22	2,398098E+22	2,471842E+22	2,529334E+22	2,493233E+22	2,373209E+22	2,263357E+22	2,263376E+22	2,373250E+22	2,493253E+22
-2888	2,529324E+22	2,471813E+22	2,398045E+22	2,398060E+22	2,471835E+22	2,529338E+22	2,493237E+22	2,373211E+22	2,263347E+22	2,263326E+22	2,373171E+22	2,493192E+22
-2887	2,529312E+22	2,471869E+22	2,398142E+22	2,398140E+22	2,471883E+22	2,529362E+22	2,493249E+22	2,373226E+22	2,263380E+22	2,263395E+22	2,373280E+22	2,493334E+22
-2886	2,529428E+22	2,471903E+22	2,398144E+22	2,398153E+22	2,471893E+22	2,529363E+22	2,493236E+22	2,373198E+22	2,263353E+22	2,263379E+22	2,373242E+22	2,493248E+22
-2885	2,529332E+22	2,471823E+22	2,398083E+22	2,398120E+22	2,471892E+22	2,529391E+22	2,493285E+22	2,373245E+22	2,263369E+22	2,263354E+22	2,373208E+22	2,493240E+22
-2884	2,529391E+22	2,471954E+22	2,398198E+22	2,398178E+22	2,471914E+22	2,529394E+22	2,493290E+22	2,373279E+22	2,263436E+22	2,263439E+22	2,373303E+22	2,493326E+22
-2883	2,529408E+22	2,471913E+22	2,398163E+22	2,398155E+22	2,471897E+22	2,529392E+22	2,493298E+22	2,373282E+22	2,263434E+22	2,263408E+22	2,373206E+22	2,493192E+22
-2882	2,529304E+22	2,471855E+22	2,398161E+22	2,398188E+22	2,471921E+22	2,529393E+22	2,493300E+22	2,373309E+22	2,263475E+22	2,263458E+22	2,373267E+22	2,493265E+22
-2881	2,529411E+22	2,471974E+22	2,398228E+22	2,398217E+22	2,471931E+22	2,529379E+22	2,493265E+22	2,373274E+22	2,263470E+22	2,263503E+22	2,373357E+22	2,493326E+22
-2880	2,529358E+22	2,471853E+22	2,398124E+22	2,398147E+22	2,471903E+22	2,529388E+22	2,493286E+22	2,373278E+22	2,263440E+22	2,263419E+22	2,373233E+22	2,493232E+22
-2879	2,529333E+22	2,471878E+22	2,398167E+22	2,398175E+22	2,471913E+22	2,529393E+22	2,493297E+22	2,373295E+22	2,263457E+22	2,263453E+22	2,373300E+22	2,493342E+22
-2878	2,529470E+22	2,471971E+22	2,398197E+22	2,398180E+22	2,471897E+22	2,529362E+22	2,493254E+22	2,373245E+22	2,263416E+22	2,263430E+22	2,373270E+22	2,493258E+22
-2877	2,529347E+22	2,471867E+22	2,398120E+22	2,398128E+22	2,471877E+22	2,529367E+22	2,493274E+22	2,373259E+22	2,263395E+22	2,263368E+22	2,373197E+22	2,493207E+22
-2876	2,529340E+22	2,471926E+22	2,398201E+22	2,398184E+22	2,471904E+22	2,529363E+22	2,493253E+22	2,373252E+22	2,263419E+22	2,263425E+22	2,373291E+22	2,493328E+22
-2875	2,529403E+22	2,471886E+22	2,398139E+22	2,398150E+22	2,471902E+22	2,529381E+22	2,493254E+22	2,373209E+22	2,263359E+22	2,263361E+22	2,373197E+22	2,493199E+22
-2874	2,529292E+22	2,471795E+22	2,398066E+22	2,398115E+22	2,471898E+22	2,529398E+22	2,493286E+22	2,373238E+22	2,263356E+22	2,263344E+22	2,373201E+22	2,493236E+22
-2873	2,529383E+22	2,471927E+22	2,398140E+22	2,398122E+22	2,471878E+22	2,529371E+22	2,493261E+22	2,373225E+22	2,263362E+22	2,263378E+22	2,373278E+22	2,493314E+22
-2872	2,529370E+22	2,471847E+22	2,398070E+22	2,398064E+22	2,471838E+22	2,529359E+22	2,493268E+22	2,373236E+22	2,263360E+22	2,263319E+22	2,373143E+22	2,493174E+22
-2871	2,529291E+22	2,471823E+22	2,398096E+22	2,398104E+22	2,471855E+22	2,529353E+22	2,493265E+22	2,373254E+22	2,263397E+22	2,263384E+22	2,373228E+22	2,493272E+22
-2870	2,529419E+22	2,471935E+22	2,398162E+22	2,398155E+22	2,471879E+22	2,529335E+22	2,493214E+22	2,373198E+22	2,263373E+22	2,263407E+22	2,373274E+22	2,493266E+22
-2869	2,529331E+22	2,471831E+22	2,398078E+22	2,398103E+22	2,471877E+22	2,529368E+22	2,493253E+22	2,373217E+22	2,263355E+22	2,263350E+22	2,373204E+22	2,493213E+22
-2868	2,529312E+22	2,471871E+22	2,398155E+22	2,398160E+22	2,471900E+22	2,529374E+22	2,493265E+22	2,373251E+22	2,263410E+22	2,263418E+22	2,373296E+22	2,493357E+22
-2867	2,529451E+22	2,471924E+22	2,398159E+22	2,398161E+22	2,471910E+22	2,529393E+22	2,493274E+22	2,373241E+22	2,263395E+22	2,263398E+22	2,373230E+22	2,493230E+22
-2866	2,529334E+22	2,471853E+22	2,398117E+22	2,398140E+22	2,471900E+22	2,529400E+22	2,493313E+22	2,373300E+22	2,263439E+22	2,263408E+22	2,373215E+22	2,493213E+22
-2865	2,529372E+22	2,471975E+22	2,398239E+22	2,398207E+22	2,471910E+22	2,529369E+22	2,493278E+22	2,373301E+22	2,263489E+22	2,263497E+22	2,373338E+22	2,493334E+22
-2864	2,529397E+22	2,471916E+22	2,398193E+22	2,398195E+22	2,471917E+22	2,529375E+22	2,493272E+22	2,373294E+22	2,263490E+22	2,263472E+22	2,373246E+22	2,493202E+22
-2863	2,529290E+22	2,471842E+22	2,398162E+22	2,398199E+22	2,471936E+22	2,529400E+22	2,493299E+22	2,373316E+22	2,263504E+22	2,263504E+22	2,373314E+22	2,493303E+22
-2862	2,529426E+22	2,471973E+22	2,398239E+22	2,398238E+22	2,471943E+22	2,529382E+22	2,493265E+22	2,373275E+22	2,263475E+22	2,263509E+22	2,373361E+22	2,493346E+22
-2861	2,529398E+22	2,471899E+22	2,398158E+22	2,398162E+22	2,471905E+22	2,529389E+22	2,493296E+22	2,373295E+22	2,263452E+22	2,263428E+22	2,373238E+22	2,493228E+22
-2860	2,529332E+22	2,471903E+22	2,398205E+22	2,398197E+22	2,471904E+22	2,529370E+22	2,493287E+22	2,373313E+22	2,263492E+22	2,263481E+22	2,373305E+22	2,493336E+22
-2859	2,529468E+22	2,471987E+22	2,398234E+22	2,398216E+22	2,471924E+22	2,529377E+22	2,493260E+22	2,373257E+22	2,263444E+22	2,263457E+22	2,373271E+22	2,493234E+22
-2858	2,529325E+22	2,471867E+22	2,398142E+22	2,398162E+22	2,471915E+22	2,529394E+22	2,493288E+22	2,373274E+22	2,263426E+22	2,263406E+22	2,373215E+22	2,493198E+22
-2857	2,529318E+22	2,471917E+22	2,398208E+22	2,398195E+22	2,471916E+22	2,529374E+22	2,493261E+22	2,373256E+22	2,263431E+22	2,263446E+22	2,373314E+22	2,493351E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2856	2,529412E+22	2,471884E+22	2,398143E+22	2,398159E+22	2,471908E+22	2,529380E+22	2,493258E+22	2,373237E+22	2,263399E+22	2,263387E+22	2,373202E+22	2,493199E+22
-2855	2,529296E+22	2,471799E+22	2,398060E+22	2,398099E+22	2,471885E+22	2,529395E+22	2,493300E+22	2,373273E+22	2,263403E+22	2,263382E+22	2,373219E+22	2,493243E+22
-2854	2,529387E+22	2,471939E+22	2,398172E+22	2,398143E+22	2,471869E+22	2,529349E+22	2,493250E+22	2,373240E+22	2,263397E+22	2,263411E+22	2,373285E+22	2,493311E+22
-2853	2,529379E+22	2,471877E+22	2,398117E+22	2,398102E+22	2,471846E+22	2,529342E+22	2,493253E+22	2,373242E+22	2,263387E+22	2,263365E+22	2,373184E+22	2,493179E+22
-2852	2,529272E+22	2,471821E+22	2,398123E+22	2,398137E+22	2,471871E+22	2,529342E+22	2,493242E+22	2,373248E+22	2,263422E+22	2,263427E+22	2,373270E+22	2,493304E+22
-2851	2,529431E+22	2,471939E+22	2,398176E+22	2,398175E+22	2,471912E+22	2,529371E+22	2,493229E+22	2,373199E+22	2,263382E+22	2,263422E+22	2,373283E+22	2,493274E+22
-2850	2,529347E+22	2,471852E+22	2,398100E+22	2,398122E+22	2,471901E+22	2,529398E+22	2,493286E+22	2,373251E+22	2,263386E+22	2,263370E+22	2,373201E+22	2,493206E+22
-2849	2,529327E+22	2,471908E+22	2,398190E+22	2,398173E+22	2,471895E+22	2,529370E+22	2,493277E+22	2,373284E+22	2,263449E+22	2,263442E+22	2,373293E+22	2,493349E+22
-2848	2,529458E+22	2,471956E+22	2,398210E+22	2,398201E+22	2,471916E+22	2,529373E+22	2,493269E+22	2,373285E+22	2,263471E+22	2,263452E+22	2,373234E+22	2,493201E+22
-2847	2,529308E+22	2,471855E+22	2,398149E+22	2,398177E+22	2,471921E+22	2,529400E+22	2,493315E+22	2,373334E+22	2,263506E+22	2,263482E+22	2,373262E+22	2,493222E+22
-2846	2,529349E+22	2,471958E+22	2,398268E+22	2,398255E+22	2,471941E+22	2,529375E+22	2,493272E+22	2,373306E+22	2,263519E+22	2,263543E+22	2,373375E+22	2,493354E+22
-2845	2,529404E+22	2,471923E+22	2,398216E+22	2,398224E+22	2,471941E+22	2,529394E+22	2,493287E+22	2,373305E+22	2,263505E+22	2,263508E+22	2,373295E+22	2,493234E+22
-2844	2,529300E+22	2,471845E+22	2,398170E+22	2,398206E+22	2,471936E+22	2,529397E+22	2,493304E+22	2,373333E+22	2,263531E+22	2,263531E+22	2,373338E+22	2,493334E+22
-2843	2,529462E+22	2,472002E+22	2,398253E+22	2,398233E+22	2,471945E+22	2,529397E+22	2,493280E+22	2,373294E+22	2,263500E+22	2,263521E+22	2,373349E+22	2,493327E+22
-2842	2,529406E+22	2,471935E+22	2,398203E+22	2,398189E+22	2,471911E+22	2,529388E+22	2,493305E+22	2,373324E+22	2,263496E+22	2,263463E+22	2,373236E+22	2,493203E+22
-2841	2,529321E+22	2,471920E+22	2,398245E+22	2,398231E+22	2,471910E+22	2,529349E+22	2,493266E+22	2,373313E+22	2,263516E+22	2,263512E+22	2,373321E+22	2,493333E+22
-2840	2,529454E+22	2,471979E+22	2,398254E+22	2,398253E+22	2,471951E+22	2,529373E+22	2,493243E+22	2,373263E+22	2,263476E+22	2,263490E+22	2,373288E+22	2,493231E+22
-2839	2,529306E+22	2,471843E+22	2,398133E+22	2,398167E+22	2,471932E+22	2,529417E+22	2,493306E+22	2,373289E+22	2,263447E+22	2,263435E+22	2,373246E+22	2,493221E+22
-2838	2,529321E+22	2,471901E+22	2,398208E+22	2,398200E+22	2,471915E+22	2,529380E+22	2,493274E+22	2,373271E+22	2,263441E+22	2,263451E+22	2,373312E+22	2,493355E+22
-2837	2,529437E+22	2,471917E+22	2,398168E+22	2,398162E+22	2,471898E+22	2,529375E+22	2,493271E+22	2,373261E+22	2,263423E+22	2,263413E+22	2,373218E+22	2,493194E+22
-2836	2,529293E+22	2,471815E+22	2,398092E+22	2,398113E+22	2,471868E+22	2,529364E+22	2,493283E+22	2,373289E+22	2,263447E+22	2,263427E+22	2,373240E+22	2,493248E+22
-2835	2,529395E+22	2,471955E+22	2,398200E+22	2,398170E+22	2,471890E+22	2,529356E+22	2,493242E+22	2,373242E+22	2,263426E+22	2,263447E+22	2,373300E+22	2,493302E+22
-2834	2,529375E+22	2,471891E+22	2,398154E+22	2,398144E+22	2,471883E+22	2,529363E+22	2,493260E+22	2,373252E+22	2,263414E+22	2,263403E+22	2,373208E+22	2,493187E+22
-2833	2,529274E+22	2,471828E+22	2,398149E+22	2,398166E+22	2,471888E+22	2,529350E+22	2,493248E+22	2,373255E+22	2,263434E+22	2,263444E+22	2,373287E+22	2,493324E+22
-2832	2,529453E+22	2,471956E+22	2,398202E+22	2,398204E+22	2,471931E+22	2,529377E+22	2,493244E+22	2,373239E+22	2,263428E+22	2,263447E+22	2,373281E+22	2,493262E+22
-2831	2,529348E+22	2,471869E+22	2,398122E+22	2,398133E+22	2,471907E+22	2,529412E+22	2,493315E+22	2,373301E+22	2,263449E+22	2,263420E+22	2,373218E+22	2,493197E+22
-2830	2,529311E+22	2,471912E+22	2,398235E+22	2,398213E+22	2,471902E+22	2,529362E+22	2,493282E+22	2,373316E+22	2,263504E+22	2,263494E+22	2,373311E+22	2,493335E+22
-2829	2,529449E+22	2,471971E+22	2,398255E+22	2,398248E+22	2,471939E+22	2,529370E+22	2,493265E+22	2,373301E+22	2,263515E+22	2,263522E+22	2,373295E+22	2,493214E+22
-2828	2,529285E+22	2,471835E+22	2,398158E+22	2,398199E+22	2,471933E+22	2,529392E+22	2,493300E+22	2,373338E+22	2,263543E+22	2,263539E+22	2,373320E+22	2,493268E+22
-2827	2,529373E+22	2,471958E+22	2,398264E+22	2,398257E+22	2,471959E+22	2,529401E+22	2,493284E+22	2,373310E+22	2,263532E+22	2,263564E+22	2,373395E+22	2,493376E+22
-2826	2,529439E+22	2,471953E+22	2,398237E+22	2,398232E+22	2,471943E+22	2,529401E+22	2,493304E+22	2,373329E+22	2,263527E+22	2,263521E+22	2,373294E+22	2,493236E+22
-2825	2,529327E+22	2,471886E+22	2,398208E+22	2,398218E+22	2,471919E+22	2,529374E+22	2,493297E+22	2,373346E+22	2,263551E+22	2,263541E+22	2,373332E+22	2,493326E+22
-2824	2,529474E+22	2,472039E+22	2,398310E+22	2,398279E+22	2,471952E+22	2,529372E+22	2,493265E+22	2,373318E+22	2,263546E+22	2,263552E+22	2,373343E+22	2,493293E+22
-2823	2,529379E+22	2,471936E+22	2,398233E+22	2,398229E+22	2,471941E+22	2,529400E+22	2,493307E+22	2,373339E+22	2,263533E+22	2,263507E+22	2,373263E+22	2,493196E+22
-2822	2,529289E+22	2,471897E+22	2,398267E+22	2,398273E+22	2,471943E+22	2,529369E+22	2,493272E+22	2,373317E+22	2,263530E+22	2,263533E+22	2,373337E+22	2,493334E+22
-2821	2,529452E+22	2,471976E+22	2,398264E+22	2,398273E+22	2,471973E+22	2,529396E+22	2,493267E+22	2,373279E+22	2,263486E+22	2,263513E+22	2,373319E+22	2,493245E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2820	2,529304E+22	2,471832E+22	2,398123E+22	2,398158E+22	2,471920E+22	2,529412E+22	2,493319E+22	2,373320E+22	2,263482E+22	2,263462E+22	2,373265E+22	2,493242E+22
-2819	2,529349E+22	2,471919E+22	2,398208E+22	2,398184E+22	2,471903E+22	2,529385E+22	2,493289E+22	2,373299E+22	2,263479E+22	2,263477E+22	2,373311E+22	2,493336E+22
-2818	2,529441E+22	2,471947E+22	2,398209E+22	2,398184E+22	2,471890E+22	2,529358E+22	2,493270E+22	2,373288E+22	2,263471E+22	2,263459E+22	2,373236E+22	2,493184E+22
-2817	2,529289E+22	2,471829E+22	2,398129E+22	2,398149E+22	2,471873E+22	2,529335E+22	2,493249E+22	2,373280E+22	2,263469E+22	2,263467E+22	2,373275E+22	2,493263E+22
-2816	2,529399E+22	2,471962E+22	2,398230E+22	2,398213E+22	2,471916E+22	2,529347E+22	2,493221E+22	2,373242E+22	2,263451E+22	2,263478E+22	2,373323E+22	2,493309E+22
-2815	2,529373E+22	2,471889E+22	2,398166E+22	2,398168E+22	2,471911E+22	2,529390E+22	2,493279E+22	2,373267E+22	2,263434E+22	2,263428E+22	2,373234E+22	2,493206E+22
-2814	2,529283E+22	2,471835E+22	2,398176E+22	2,398193E+22	2,471901E+22	2,529363E+22	2,493269E+22	2,373281E+22	2,263455E+22	2,263452E+22	2,373279E+22	2,493311E+22
-2813	2,529465E+22	2,471991E+22	2,398247E+22	2,398235E+22	2,471941E+22	2,529384E+22	2,493268E+22	2,373276E+22	2,263469E+22	2,263486E+22	2,373299E+22	2,493246E+22
-2812	2,529330E+22	2,471875E+22	2,398158E+22	2,398167E+22	2,471911E+22	2,529399E+22	2,493318E+22	2,373338E+22	2,263514E+22	2,263484E+22	2,373255E+22	2,493204E+22
-2811	2,529309E+22	2,471911E+22	2,398245E+22	2,398235E+22	2,471930E+22	2,529382E+22	2,493287E+22	2,373332E+22	2,263547E+22	2,263548E+22	2,373344E+22	2,493331E+22
-2810	2,529439E+22	2,471975E+22	2,398278E+22	2,398278E+22	2,471965E+22	2,529389E+22	2,493279E+22	2,373322E+22	2,263553E+22	2,263569E+22	2,373335E+22	2,493240E+22
-2809	2,529303E+22	2,471845E+22	2,398173E+22	2,398214E+22	2,471934E+22	2,529384E+22	2,493296E+22	2,373345E+22	2,263560E+22	2,263561E+22	2,373345E+22	2,493301E+22
-2808	2,529412E+22	2,471987E+22	2,398287E+22	2,398273E+22	2,471956E+22	2,529382E+22	2,493283E+22	2,373342E+22	2,263571E+22	2,263583E+22	2,373392E+22	2,493367E+22
-2807	2,529451E+22	2,471986E+22	2,398272E+22	2,398250E+22	2,471943E+22	2,529400E+22	2,493316E+22	2,373361E+22	2,263572E+22	2,263557E+22	2,373304E+22	2,493224E+22
-2806	2,529314E+22	2,471903E+22	2,398264E+22	2,398267E+22	2,471927E+22	2,529359E+22	2,493289E+22	2,373360E+22	2,263582E+22	2,263569E+22	2,373334E+22	2,493300E+22
-2805	2,529455E+22	2,472051E+22	2,398353E+22	2,398331E+22	2,471986E+22	2,529379E+22	2,493262E+22	2,373320E+22	2,263566E+22	2,263595E+22	2,373382E+22	2,493291E+22
-2804	2,529347E+22	2,471911E+22	2,398235E+22	2,398250E+22	2,471961E+22	2,529410E+22	2,493309E+22	2,373346E+22	2,263557E+22	2,263544E+22	2,373300E+22	2,493225E+22
-2803	2,529301E+22	2,471881E+22	2,398241E+22	2,398263E+22	2,471961E+22	2,529403E+22	2,493296E+22	2,373332E+22	2,263543E+22	2,263545E+22	2,373343E+22	2,493335E+22
-2802	2,529465E+22	2,471993E+22	2,398272E+22	2,398272E+22	2,471968E+22	2,529401E+22	2,493290E+22	2,373315E+22	2,263520E+22	2,263530E+22	2,373320E+22	2,493247E+22
-2801	2,529323E+22	2,471859E+22	2,398147E+22	2,398161E+22	2,471893E+22	2,529376E+22	2,493304E+22	2,373337E+22	2,263515E+22	2,263488E+22	2,373273E+22	2,493242E+22
-2800	2,529361E+22	2,471949E+22	2,398251E+22	2,398219E+22	2,471898E+22	2,529345E+22	2,493264E+22	2,373319E+22	2,263525E+22	2,263518E+22	2,373325E+22	2,493320E+22
-2799	2,529425E+22	2,471954E+22	2,398238E+22	2,398222E+22	2,471916E+22	2,529363E+22	2,493263E+22	2,373293E+22	2,263501E+22	2,263505E+22	2,373277E+22	2,493195E+22
-2798	2,529270E+22	2,471823E+22	2,398163E+22	2,398195E+22	2,471905E+22	2,529352E+22	2,493251E+22	2,373277E+22	2,263473E+22	2,263480E+22	2,373292E+22	2,493275E+22
-2797	2,529410E+22	2,471977E+22	2,398257E+22	2,398249E+22	2,471950E+22	2,529376E+22	2,493245E+22	2,373254E+22	2,263460E+22	2,263497E+22	2,373346E+22	2,493318E+22
-2796	2,529377E+22	2,471891E+22	2,398169E+22	2,398176E+22	2,471916E+22	2,529398E+22	2,493301E+22	2,373306E+22	2,263477E+22	2,263456E+22	2,373245E+22	2,493213E+22
-2795	2,529303E+22	2,471855E+22	2,398184E+22	2,398196E+22	2,471909E+22	2,529380E+22	2,493294E+22	2,373324E+22	2,263510E+22	2,263491E+22	2,373281E+22	2,493282E+22
-2794	2,529451E+22	2,472013E+22	2,398290E+22	2,398270E+22	2,471946E+22	2,529374E+22	2,493276E+22	2,373318E+22	2,263534E+22	2,263544E+22	2,373325E+22	2,493242E+22
-2793	2,529318E+22	2,471873E+22	2,398181E+22	2,398197E+22	2,471914E+22	2,529373E+22	2,493292E+22	2,373344E+22	2,263555E+22	2,263541E+22	2,373304E+22	2,493231E+22
-2792	2,529319E+22	2,471918E+22	2,398263E+22	2,398262E+22	2,471939E+22	2,529367E+22	2,493275E+22	2,373346E+22	2,263583E+22	2,263589E+22	2,373380E+22	2,493352E+22
-2791	2,529450E+22	2,471986E+22	2,398288E+22	2,398288E+22	2,471973E+22	2,529399E+22	2,493292E+22	2,373340E+22	2,263578E+22	2,263598E+22	2,373364E+22	2,493264E+22
-2790	2,529323E+22	2,471876E+22	2,398214E+22	2,398239E+22	2,471934E+22	2,529378E+22	2,493299E+22	2,373360E+22	2,263578E+22	2,263566E+22	2,373336E+22	2,493293E+22
-2789	2,529433E+22	2,472039E+22	2,398348E+22	2,398318E+22	2,471968E+22	2,529376E+22	2,493282E+22	2,373356E+22	2,263601E+22	2,263614E+22	2,373400E+22	2,493347E+22
-2788	2,529430E+22	2,471995E+22	2,398313E+22	2,398299E+22	2,471963E+22	2,529390E+22	2,493308E+22	2,373381E+22	2,263618E+22	2,263602E+22	2,373326E+22	2,493222E+22
-2787	2,529304E+22	2,471899E+22	2,398274E+22	2,398301E+22	2,471975E+22	2,529394E+22	2,493299E+22	2,373372E+22	2,263612E+22	2,263604E+22	2,373352E+22	2,493284E+22
-2786	2,529427E+22	2,472044E+22	2,398370E+22	2,398362E+22	2,472018E+22	2,529411E+22	2,493291E+22	2,373348E+22	2,263597E+22	2,263622E+22	2,373403E+22	2,493308E+22
-2785	2,529351E+22	2,471900E+22	2,398228E+22	2,398252E+22	2,471962E+22	2,529410E+22	2,493319E+22	2,373367E+22	2,263582E+22	2,263565E+22	2,373320E+22	2,493250E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2784	2,529329E+22	2,471900E+22	2,398240E+22	2,398255E+22	2,471943E+22	2,529383E+22	2,493304E+22	2,373373E+22	2,263588E+22	2,263570E+22	2,373345E+22	2,493326E+22
-2783	2,529466E+22	2,472015E+22	2,398290E+22	2,398274E+22	2,471954E+22	2,529389E+22	2,493295E+22	2,373345E+22	2,263569E+22	2,263575E+22	2,373345E+22	2,493248E+22
-2782	2,529312E+22	2,471877E+22	2,398195E+22	2,398199E+22	2,471891E+22	2,529345E+22	2,493278E+22	2,373337E+22	2,263541E+22	2,263519E+22	2,373291E+22	2,493240E+22
-2781	2,529356E+22	2,471964E+22	2,398289E+22	2,398268E+22	2,471928E+22	2,529340E+22	2,493240E+22	2,373299E+22	2,263533E+22	2,263555E+22	2,373367E+22	2,493335E+22
-2780	2,529412E+22	2,471943E+22	2,398246E+22	2,398249E+22	2,471940E+22	2,529373E+22	2,493262E+22	2,373292E+22	2,263513E+22	2,263527E+22	2,373306E+22	2,493230E+22
-2779	2,529297E+22	2,471829E+22	2,398152E+22	2,398198E+22	2,471930E+22	2,529387E+22	2,493277E+22	2,373292E+22	2,263483E+22	2,263480E+22	2,373282E+22	2,493260E+22
-2778	2,529413E+22	2,472005E+22	2,398284E+22	2,398266E+22	2,471958E+22	2,529391E+22	2,493279E+22	2,373302E+22	2,263502E+22	2,263510E+22	2,373332E+22	2,493305E+22
-2777	2,529382E+22	2,471916E+22	2,398204E+22	2,398198E+22	2,471908E+22	2,529376E+22	2,493298E+22	2,373338E+22	2,263531E+22	2,263498E+22	2,373255E+22	2,493204E+22
-2776	2,529301E+22	2,471874E+22	2,398216E+22	2,398231E+22	2,471912E+22	2,529353E+22	2,493286E+22	2,373362E+22	2,263575E+22	2,263549E+22	2,373307E+22	2,493269E+22
-2775	2,529422E+22	2,472009E+22	2,398310E+22	2,398304E+22	2,471974E+22	2,529385E+22	2,493279E+22	2,373339E+22	2,263584E+22	2,263608E+22	2,373382E+22	2,493267E+22
-2774	2,529305E+22	2,471873E+22	2,398213E+22	2,398232E+22	2,471930E+22	2,529373E+22	2,493289E+22	2,373350E+22	2,263575E+22	2,263570E+22	2,373335E+22	2,493258E+22
-2773	2,529342E+22	2,471943E+22	2,398293E+22	2,398294E+22	2,471958E+22	2,529373E+22	2,493280E+22	2,373353E+22	2,263602E+22	2,263621E+22	2,373409E+22	2,493369E+22
-2772	2,529464E+22	2,472008E+22	2,398309E+22	2,398302E+22	2,471974E+22	2,529396E+22	2,493301E+22	2,373369E+22	2,263620E+22	2,263630E+22	2,373376E+22	2,493274E+22
-2771	2,529345E+22	2,471910E+22	2,398242E+22	2,398261E+22	2,471952E+22	2,529390E+22	2,493309E+22	2,373387E+22	2,263620E+22	2,263597E+22	2,373332E+22	2,493260E+22
-2770	2,529410E+22	2,472061E+22	2,398403E+22	2,398373E+22	2,471997E+22	2,529380E+22	2,493289E+22	2,373386E+22	2,263650E+22	2,263654E+22	2,373416E+22	2,493342E+22
-2769	2,529413E+22	2,471984E+22	2,398330E+22	2,398335E+22	2,471989E+22	2,529388E+22	2,493294E+22	2,373384E+22	2,263649E+22	2,263644E+22	2,373361E+22	2,493243E+22
-2768	2,529307E+22	2,471894E+22	2,398272E+22	2,398314E+22	2,471987E+22	2,529398E+22	2,493310E+22	2,373397E+22	2,263641E+22	2,263633E+22	2,373375E+22	2,493296E+22
-2767	2,529424E+22	2,472039E+22	2,398361E+22	2,398357E+22	2,472021E+22	2,529426E+22	2,493318E+22	2,373379E+22	2,263627E+22	2,263647E+22	2,373425E+22	2,493324E+22
-2766	2,529357E+22	2,471921E+22	2,398253E+22	2,398254E+22	2,471942E+22	2,529392E+22	2,493320E+22	2,373387E+22	2,263608E+22	2,263578E+22	2,373317E+22	2,493249E+22
-2765	2,529346E+22	2,471943E+22	2,398288E+22	2,398282E+22	2,471939E+22	2,529361E+22	2,493288E+22	2,373375E+22	2,263618E+22	2,263610E+22	2,373365E+22	2,493319E+22
-2764	2,529452E+22	2,472022E+22	2,398316E+22	2,398301E+22	2,471960E+22	2,529368E+22	2,493273E+22	2,373348E+22	2,263602E+22	2,263617E+22	2,373372E+22	2,493260E+22
-2763	2,529315E+22	2,471882E+22	2,398203E+22	2,398227E+22	2,471934E+22	2,529370E+22	2,493274E+22	2,373330E+22	2,263551E+22	2,263538E+22	2,373302E+22	2,493235E+22
-2762	2,529345E+22	2,471973E+22	2,398317E+22	2,398305E+22	2,471962E+22	2,529367E+22	2,493260E+22	2,373315E+22	2,263547E+22	2,263559E+22	2,373369E+22	2,493351E+22
-2761	2,529423E+22	2,471942E+22	2,398250E+22	2,398262E+22	2,471950E+22	2,529377E+22	2,493271E+22	2,373313E+22	2,263535E+22	2,263538E+22	2,373307E+22	2,493239E+22
-2760	2,529319E+22	2,471858E+22	2,398167E+22	2,398204E+22	2,471922E+22	2,529379E+22	2,493299E+22	2,373347E+22	2,263538E+22	2,263512E+22	2,373278E+22	2,493234E+22
-2759	2,529390E+22	2,472018E+22	2,398313E+22	2,398283E+22	2,471956E+22	2,529388E+22	2,493296E+22	2,373349E+22	2,263570E+22	2,263571E+22	2,373358E+22	2,493292E+22
-2758	2,529350E+22	2,471923E+22	2,398249E+22	2,398237E+22	2,471915E+22	2,529354E+22	2,493280E+22	2,373352E+22	2,263579E+22	2,263555E+22	2,373292E+22	2,493211E+22
-2757	2,529293E+22	2,471883E+22	2,398247E+22	2,398271E+22	2,471940E+22	2,529351E+22	2,493263E+22	2,373349E+22	2,263605E+22	2,263612E+22	2,373365E+22	2,493299E+22
-2756	2,529418E+22	2,471999E+22	2,398311E+22	2,398318E+22	2,471988E+22	2,529389E+22	2,493277E+22	2,373344E+22	2,263609E+22	2,263646E+22	2,373423E+22	2,493317E+22
-2755	2,529347E+22	2,471895E+22	2,398215E+22	2,398242E+22	2,471953E+22	2,529393E+22	2,493301E+22	2,373364E+22	2,263593E+22	2,263581E+22	2,373334E+22	2,493258E+22
-2754	2,529362E+22	2,471991E+22	2,398345E+22	2,398328E+22	2,471970E+22	2,529378E+22	2,493298E+22	2,373389E+22	2,263639E+22	2,263633E+22	2,373399E+22	2,493366E+22
-2753	2,529475E+22	2,472038E+22	2,398359E+22	2,398344E+22	2,471983E+22	2,529379E+22	2,493292E+22	2,373391E+22	2,263665E+22	2,263668E+22	2,373385E+22	2,493265E+22
-2752	2,529344E+22	2,471934E+22	2,398283E+22	2,398307E+22	2,471973E+22	2,529386E+22	2,493315E+22	2,373420E+22	2,263670E+22	2,263645E+22	2,373350E+22	2,493238E+22
-2751	2,529370E+22	2,472049E+22	2,398422E+22	2,398409E+22	2,472037E+22	2,529414E+22	2,493312E+22	2,373413E+22	2,263693E+22	2,263705E+22	2,373453E+22	2,493352E+22
-2750	2,529393E+22	2,471977E+22	2,398348E+22	2,398357E+22	2,472007E+22	2,529402E+22	2,493307E+22	2,373401E+22	2,263672E+22	2,263669E+22	2,373383E+22	2,493263E+22
-2749	2,529324E+22	2,471905E+22	2,398277E+22	2,398319E+22	2,471993E+22	2,529402E+22	2,493318E+22	2,373410E+22	2,263669E+22	2,263666E+22	2,373396E+22	2,493308E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2748	2,529431E+22	2,472047E+22	2,398363E+22	2,398345E+22	2,472002E+22	2,529412E+22	2,493322E+22	2,373409E+22	2,263671E+22	2,263682E+22	2,373440E+22	2,493340E+22
-2747	2,529380E+22	2,471947E+22	2,398271E+22	2,398262E+22	2,471938E+22	2,529375E+22	2,493308E+22	2,373398E+22	2,263640E+22	2,263609E+22	2,373320E+22	2,493227E+22
-2746	2,529328E+22	2,471962E+22	2,398336E+22	2,398326E+22	2,471954E+22	2,529347E+22	2,493271E+22	2,373379E+22	2,263643E+22	2,263637E+22	2,373381E+22	2,493329E+22
-2745	2,529445E+22	2,472016E+22	2,398334E+22	2,398332E+22	2,471981E+22	2,529361E+22	2,493246E+22	2,373330E+22	2,263611E+22	2,263642E+22	2,373397E+22	2,493282E+22
-2744	2,529330E+22	2,471891E+22	2,398211E+22	2,398239E+22	2,471944E+22	2,529379E+22	2,493287E+22	2,373345E+22	2,263562E+22	2,263548E+22	2,373304E+22	2,493232E+22
-2743	2,529339E+22	2,471976E+22	2,398324E+22	2,398314E+22	2,471978E+22	2,529392E+22	2,493293E+22	2,373350E+22	2,263577E+22	2,263575E+22	2,373367E+22	2,493343E+22
-2742	2,529420E+22	2,471968E+22	2,398288E+22	2,398278E+22	2,471946E+22	2,529368E+22	2,493278E+22	2,373342E+22	2,263572E+22	2,263559E+22	2,373300E+22	2,493224E+22
-2741	2,529317E+22	2,471885E+22	2,398213E+22	2,398239E+22	2,471932E+22	2,529367E+22	2,493289E+22	2,373361E+22	2,263589E+22	2,263574E+22	2,373307E+22	2,493224E+22
-2740	2,529361E+22	2,472006E+22	2,398331E+22	2,398311E+22	2,471972E+22	2,529383E+22	2,493289E+22	2,373368E+22	2,263623E+22	2,263637E+22	2,373407E+22	2,493317E+22
-2739	2,529352E+22	2,471919E+22	2,398252E+22	2,398261E+22	2,471952E+22	2,529375E+22	2,493282E+22	2,373357E+22	2,263607E+22	2,263599E+22	2,373326E+22	2,493226E+22
-2738	2,529295E+22	2,471896E+22	2,398278E+22	2,398305E+22	2,471967E+22	2,529370E+22	2,493280E+22	2,373370E+22	2,263629E+22	2,263631E+22	2,373387E+22	2,493337E+22
-2737	2,529451E+22	2,472014E+22	2,398325E+22	2,398330E+22	2,471992E+22	2,529384E+22	2,493278E+22	2,373363E+22	2,263641E+22	2,263670E+22	2,373434E+22	2,493334E+22
-2736	2,529387E+22	2,471945E+22	2,398254E+22	2,398257E+22	2,471945E+22	2,529384E+22	2,493320E+22	2,373409E+22	2,263643E+22	2,263614E+22	2,373330E+22	2,493234E+22
-2735	2,529348E+22	2,472016E+22	2,398395E+22	2,398369E+22	2,471986E+22	2,529381E+22	2,493313E+22	2,373429E+22	2,263699E+22	2,263686E+22	2,373415E+22	2,493345E+22
-2734	2,529444E+22	2,472048E+22	2,398410E+22	2,398395E+22	2,472007E+22	2,529373E+22	2,493280E+22	2,373403E+22	2,263704E+22	2,263713E+22	2,373413E+22	2,493267E+22
-2733	2,529332E+22	2,471938E+22	2,398312E+22	2,398346E+22	2,472009E+22	2,529402E+22	2,493309E+22	2,373416E+22	2,263701E+22	2,263701E+22	2,373395E+22	2,493258E+22
-2732	2,529357E+22	2,472024E+22	2,398409E+22	2,398406E+22	2,472043E+22	2,529426E+22	2,493328E+22	2,373433E+22	2,263722E+22	2,263738E+22	2,373481E+22	2,493382E+22
-2731	2,529421E+22	2,471985E+22	2,398337E+22	2,398349E+22	2,472012E+22	2,529411E+22	2,493321E+22	2,373423E+22	2,263696E+22	2,263685E+22	2,373381E+22	2,493257E+22
-2730	2,529337E+22	2,471944E+22	2,398320E+22	2,398336E+22	2,471984E+22	2,529387E+22	2,493320E+22	2,373437E+22	2,263704E+22	2,263681E+22	2,373392E+22	2,493311E+22
-2729	2,529440E+22	2,472063E+22	2,398395E+22	2,398368E+22	2,471993E+22	2,529375E+22	2,493291E+22	2,373411E+22	2,263705E+22	2,263720E+22	2,373455E+22	2,493340E+22
-2728	2,529388E+22	2,471969E+22	2,398308E+22	2,398297E+22	2,471948E+22	2,529363E+22	2,493298E+22	2,373406E+22	2,263664E+22	2,263643E+22	2,373339E+22	2,493215E+22
-2727	2,529302E+22	2,471955E+22	2,398359E+22	2,398363E+22	2,471991E+22	2,529374E+22	2,493284E+22	2,373385E+22	2,263658E+22	2,263663E+22	2,373404E+22	2,493334E+22
-2726	2,529434E+22	2,472017E+22	2,398357E+22	2,398358E+22	2,472003E+22	2,529378E+22	2,493258E+22	2,373337E+22	2,263616E+22	2,263647E+22	2,373400E+22	2,493291E+22
-2725	2,529348E+22	2,471911E+22	2,398230E+22	2,398254E+22	2,471962E+22	2,529396E+22	2,493300E+22	2,373360E+22	2,263591E+22	2,263578E+22	2,373311E+22	2,493225E+22
-2724	2,529330E+22	2,471974E+22	2,398330E+22	2,398311E+22	2,471971E+22	2,529395E+22	2,493314E+22	2,373393E+22	2,263633E+22	2,263620E+22	2,373379E+22	2,493338E+22
-2723	2,529419E+22	2,471976E+22	2,398305E+22	2,398299E+22	2,471958E+22	2,529363E+22	2,493279E+22	2,373368E+22	2,263623E+22	2,263611E+22	2,373320E+22	2,493209E+22
-2722	2,529296E+22	2,471891E+22	2,398252E+22	2,398281E+22	2,471952E+22	2,529361E+22	2,493281E+22	2,373377E+22	2,263631E+22	2,263619E+22	2,373347E+22	2,493255E+22
-2721	2,529365E+22	2,471992E+22	2,398336E+22	2,398328E+22	2,471982E+22	2,529375E+22	2,493271E+22	2,373363E+22	2,263647E+22	2,263681E+22	2,373452E+22	2,493360E+22
-2720	2,529391E+22	2,471941E+22	2,398267E+22	2,398268E+22	2,471947E+22	2,529377E+22	2,493298E+22	2,373377E+22	2,263626E+22	2,263621E+22	2,373343E+22	2,493236E+22
-2719	2,529309E+22	2,471923E+22	2,398309E+22	2,398324E+22	2,471977E+22	2,529384E+22	2,493305E+22	2,373403E+22	2,263663E+22	2,263655E+22	2,373390E+22	2,493331E+22
-2718	2,529462E+22	2,472064E+22	2,398390E+22	2,398365E+22	2,471994E+22	2,529372E+22	2,493277E+22	2,373387E+22	2,263679E+22	2,263697E+22	2,373430E+22	2,493317E+22
-2717	2,529390E+22	2,471983E+22	2,398318E+22	2,398314E+22	2,471972E+22	2,529381E+22	2,493306E+22	2,373418E+22	2,263693E+22	2,263673E+22	2,373351E+22	2,493214E+22
-2716	2,529314E+22	2,472001E+22	2,398418E+22	2,398410E+22	2,472021E+22	2,529397E+22	2,493321E+22	2,373453E+22	2,263750E+22	2,263745E+22	2,373453E+22	2,493353E+22
-2715	2,529436E+22	2,472036E+22	2,398415E+22	2,398426E+22	2,472048E+22	2,529400E+22	2,493296E+22	2,373419E+22	2,263732E+22	2,263750E+22	2,373439E+22	2,493273E+22
-2714	2,529324E+22	2,471935E+22	2,398329E+22	2,398368E+22	2,472026E+22	2,529419E+22	2,493335E+22	2,373448E+22	2,263730E+22	2,263719E+22	2,373416E+22	2,493290E+22
-2713	2,529378E+22	2,472022E+22	2,398405E+22	2,398399E+22	2,472030E+22	2,529414E+22	2,493330E+22	2,373457E+22	2,263760E+22	2,263771E+22	2,373497E+22	2,493396E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2712	2,529455E+22	2,472024E+22	2,398364E+22	2,398344E+22	2,471979E+22	2,529387E+22	2,493329E+22	2,373456E+22	2,263738E+22	2,263721E+22	2,373389E+22	2,493237E+22
-2711	2,529323E+22	2,471960E+22	2,398362E+22	2,398370E+22	2,471989E+22	2,529374E+22	2,493312E+22	2,373452E+22	2,263743E+22	2,263727E+22	2,373416E+22	2,493299E+22
-2710	2,529424E+22	2,472075E+22	2,398437E+22	2,398409E+22	2,472010E+22	2,529359E+22	2,493259E+22	2,373394E+22	2,263715E+22	2,263747E+22	2,373480E+22	2,493350E+22
-2709	2,529389E+22	2,471976E+22	2,398334E+22	2,398334E+22	2,471983E+22	2,529377E+22	2,493281E+22	2,373382E+22	2,263667E+22	2,263669E+22	2,373364E+22	2,493229E+22
-2708	2,529298E+22	2,471937E+22	2,398352E+22	2,398366E+22	2,472005E+22	2,529398E+22	2,493309E+22	2,373404E+22	2,263672E+22	2,263673E+22	2,373410E+22	2,493343E+22
-2707	2,529455E+22	2,472026E+22	2,398358E+22	2,398363E+22	2,472015E+22	2,529394E+22	2,493283E+22	2,373367E+22	2,263638E+22	2,263652E+22	2,373385E+22	2,493268E+22
-2706	2,529345E+22	2,471939E+22	2,398274E+22	2,398280E+22	2,471963E+22	2,529396E+22	2,493320E+22	2,373401E+22	2,263636E+22	2,263601E+22	2,373314E+22	2,493223E+22
-2705	2,529324E+22	2,471969E+22	2,398349E+22	2,398330E+22	2,471968E+22	2,529373E+22	2,493300E+22	2,373412E+22	2,263685E+22	2,263678E+22	2,373410E+22	2,493338E+22
-2704	2,529422E+22	2,471988E+22	2,398329E+22	2,398319E+22	2,471960E+22	2,529362E+22	2,493286E+22	2,373389E+22	2,263663E+22	2,263664E+22	2,373360E+22	2,493214E+22
-2703	2,529282E+22	2,471887E+22	2,398274E+22	2,398311E+22	2,471976E+22	2,529379E+22	2,493294E+22	2,373394E+22	2,263662E+22	2,263661E+22	2,373384E+22	2,493275E+22
-2702	2,529378E+22	2,472009E+22	2,398362E+22	2,398349E+22	2,471988E+22	2,529371E+22	2,493270E+22	2,373373E+22	2,263665E+22	2,263699E+22	2,373467E+22	2,493380E+22
-2701	2,529428E+22	2,471985E+22	2,398309E+22	2,398297E+22	2,471960E+22	2,529377E+22	2,493294E+22	2,373390E+22	2,263663E+22	2,263659E+22	2,373355E+22	2,493230E+22
-2700	2,529312E+22	2,471944E+22	2,398344E+22	2,398344E+22	2,471976E+22	2,529381E+22	2,493318E+22	2,373440E+22	2,263717E+22	2,263699E+22	2,373400E+22	2,493314E+22
-2699	2,529454E+22	2,472076E+22	2,398429E+22	2,398416E+22	2,472025E+22	2,529373E+22	2,493276E+22	2,373409E+22	2,263725E+22	2,263744E+22	2,373446E+22	2,493294E+22
-2698	2,529361E+22	2,471987E+22	2,398366E+22	2,398374E+22	2,472013E+22	2,529395E+22	2,493310E+22	2,373437E+22	2,263732E+22	2,263715E+22	2,373390E+22	2,493239E+22
-2697	2,529306E+22	2,471971E+22	2,398410E+22	2,398424E+22	2,472039E+22	2,529406E+22	2,493321E+22	2,373462E+22	2,263781E+22	2,263790E+22	2,373493E+22	2,493382E+22
-2696	2,529461E+22	2,472047E+22	2,398417E+22	2,398420E+22	2,472038E+22	2,529409E+22	2,493326E+22	2,373451E+22	2,263760E+22	2,263775E+22	2,373458E+22	2,493281E+22
-2695	2,529336E+22	2,471954E+22	2,398350E+22	2,398375E+22	2,472019E+22	2,529418E+22	2,493353E+22	2,373485E+22	2,263770E+22	2,263747E+22	2,373424E+22	2,493284E+22
-2694	2,529390E+22	2,472063E+22	2,398452E+22	2,398418E+22	2,472011E+22	2,529381E+22	2,493312E+22	2,373469E+22	2,263792E+22	2,263799E+22	2,373504E+22	2,493390E+22
-2693	2,529465E+22	2,472060E+22	2,398419E+22	2,398393E+22	2,471997E+22	2,529369E+22	2,493295E+22	2,373444E+22	2,263770E+22	2,263770E+22	2,373415E+22	2,493229E+22
-2692	2,529302E+22	2,471952E+22	2,398380E+22	2,398403E+22	2,472018E+22	2,529388E+22	2,493312E+22	2,373456E+22	2,263764E+22	2,263759E+22	2,373443E+22	2,493308E+22
-2691	2,529422E+22	2,472067E+22	2,398445E+22	2,398444E+22	2,472053E+22	2,529389E+22	2,493274E+22	2,373398E+22	2,263718E+22	2,263753E+22	2,373486E+22	2,493350E+22
-2690	2,529389E+22	2,471981E+22	2,398355E+22	2,398363E+22	2,472010E+22	2,529404E+22	2,493313E+22	2,373412E+22	2,263682E+22	2,263665E+22	2,373364E+22	2,493245E+22
-2689	2,529312E+22	2,471932E+22	2,398344E+22	2,398359E+22	2,471998E+22	2,529398E+22	2,493325E+22	2,373441E+22	2,263715E+22	2,263701E+22	2,373413E+22	2,493334E+22
-2688	2,529467E+22	2,472055E+22	2,398384E+22	2,398362E+22	2,471987E+22	2,529382E+22	2,493308E+22	2,373413E+22	2,263691E+22	2,263695E+22	2,373396E+22	2,493241E+22
-2687	2,529316E+22	2,471939E+22	2,398307E+22	2,398313E+22	2,471968E+22	2,529383E+22	2,493320E+22	2,373432E+22	2,263692E+22	2,263663E+22	2,373353E+22	2,493218E+22
-2686	2,529310E+22	2,471976E+22	2,398373E+22	2,398358E+22	2,471975E+22	2,529354E+22	2,493273E+22	2,373406E+22	2,263711E+22	2,263725E+22	2,373456E+22	2,493366E+22
-2685	2,529438E+22	2,472000E+22	2,398348E+22	2,398343E+22	2,471977E+22	2,529360E+22	2,493262E+22	2,373372E+22	2,263680E+22	2,263703E+22	2,373398E+22	2,493239E+22
-2684	2,529296E+22	2,471889E+22	2,398278E+22	2,398319E+22	2,471983E+22	2,529388E+22	2,493308E+22	2,373412E+22	2,263682E+22	2,263679E+22	2,373398E+22	2,493292E+22
-2683	2,529410E+22	2,472041E+22	2,398392E+22	2,398378E+22	2,472002E+22	2,529370E+22	2,493276E+22	2,373394E+22	2,263689E+22	2,263708E+22	2,373456E+22	2,493359E+22
-2682	2,529428E+22	2,472024E+22	2,398377E+22	2,398354E+22	2,471980E+22	2,529377E+22	2,493302E+22	2,373421E+22	2,263703E+22	2,263681E+22	2,373361E+22	2,493225E+22
-2681	2,529301E+22	2,471942E+22	2,398374E+22	2,398388E+22	2,471999E+22	2,529378E+22	2,493314E+22	2,373462E+22	2,263769E+22	2,263757E+22	2,373431E+22	2,493306E+22
-2680	2,529443E+22	2,472084E+22	2,398455E+22	2,398445E+22	2,472043E+22	2,529394E+22	2,493304E+22	2,373439E+22	2,263766E+22	2,263793E+22	2,373482E+22	2,493294E+22
-2679	2,529338E+22	2,471972E+22	2,398380E+22	2,398405E+22	2,472043E+22	2,529425E+22	2,493343E+22	2,373474E+22	2,263775E+22	2,263760E+22	2,373425E+22	2,493255E+22
-2678	2,529319E+22	2,471981E+22	2,398415E+22	2,398429E+22	2,472037E+22	2,529402E+22	2,493328E+22	2,373486E+22	2,263813E+22	2,263818E+22	2,373514E+22	2,493400E+22
-2677	2,529494E+22	2,472084E+22	2,398442E+22	2,398429E+22	2,472033E+22	2,529396E+22	2,493316E+22	2,373469E+22	2,263807E+22	2,263818E+22	2,373475E+22	2,493281E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2676	2,529339E+22	2,471974E+22	2,398378E+22	2,398389E+22	2,472007E+22	2,529399E+22	2,493352E+22	2,373512E+22	2,263818E+22	2,263791E+22	2,373445E+22	2,493283E+22
-2675	2,529389E+22	2,472077E+22	2,398489E+22	2,398468E+22	2,472031E+22	2,529361E+22	2,493290E+22	2,373470E+22	2,263817E+22	2,263831E+22	2,373523E+22	2,493382E+22
-2674	2,529450E+22	2,472070E+22	2,398462E+22	2,398450E+22	2,472036E+22	2,529380E+22	2,493289E+22	2,373442E+22	2,263778E+22	2,263784E+22	2,373443E+22	2,493257E+22
-2673	2,529304E+22	2,471935E+22	2,398374E+22	2,398415E+22	2,472035E+22	2,529401E+22	2,493318E+22	2,373459E+22	2,263775E+22	2,263776E+22	2,373458E+22	2,493319E+22
-2672	2,529440E+22	2,472086E+22	2,398451E+22	2,398438E+22	2,472047E+22	2,529409E+22	2,493316E+22	2,373433E+22	2,263737E+22	2,263758E+22	2,373479E+22	2,493335E+22
-2671	2,529385E+22	2,471998E+22	2,398378E+22	2,398379E+22	2,472012E+22	2,529412E+22	2,493341E+22	2,373460E+22	2,263731E+22	2,263692E+22	2,373361E+22	2,493223E+22
-2670	2,529308E+22	2,471955E+22	2,398370E+22	2,398375E+22	2,471985E+22	2,529369E+22	2,493312E+22	2,373462E+22	2,263760E+22	2,263742E+22	2,373428E+22	2,493324E+22
-2669	2,529458E+22	2,472070E+22	2,398418E+22	2,398402E+22	2,472004E+22	2,529364E+22	2,493275E+22	2,373413E+22	2,263738E+22	2,263757E+22	2,373439E+22	2,493246E+22
-2668	2,529296E+22	2,471925E+22	2,398313E+22	2,398333E+22	2,471983E+22	2,529386E+22	2,493316E+22	2,373438E+22	2,263721E+22	2,263707E+22	2,373398E+22	2,493244E+22
-2667	2,529315E+22	2,471970E+22	2,398382E+22	2,398388E+22	2,471998E+22	2,529359E+22	2,493272E+22	2,373407E+22	2,263719E+22	2,263739E+22	2,373476E+22	2,493383E+22
-2666	2,529455E+22	2,472025E+22	2,398380E+22	2,398377E+22	2,472000E+22	2,529374E+22	2,493277E+22	2,373393E+22	2,263694E+22	2,263706E+22	2,373408E+22	2,493264E+22
-2665	2,529320E+22	2,471909E+22	2,398292E+22	2,398327E+22	2,471980E+22	2,529384E+22	2,493315E+22	2,373440E+22	2,263724E+22	2,263708E+22	2,373400E+22	2,493279E+22
-2664	2,529420E+22	2,472083E+22	2,398439E+22	2,398402E+22	2,471997E+22	2,529371E+22	2,493301E+22	2,373434E+22	2,263739E+22	2,263748E+22	2,373463E+22	2,493331E+22
-2663	2,529396E+22	2,472028E+22	2,398422E+22	2,398414E+22	2,472014E+22	2,529383E+22	2,493310E+22	2,373456E+22	2,263762E+22	2,263740E+22	2,373391E+22	2,493217E+22
-2662	2,529284E+22	2,471941E+22	2,398389E+22	2,398420E+22	2,472022E+22	2,529380E+22	2,493306E+22	2,373471E+22	2,263804E+22	2,263805E+22	2,373475E+22	2,493328E+22
-2661	2,529447E+22	2,472089E+22	2,398469E+22	2,398468E+22	2,472063E+22	2,529403E+22	2,493299E+22	2,373448E+22	2,263802E+22	2,263838E+22	2,373518E+22	2,493317E+22
-2660	2,529348E+22	2,471975E+22	2,398379E+22	2,398401E+22	2,472037E+22	2,529429E+22	2,493365E+22	2,373511E+22	2,263816E+22	2,263792E+22	2,373445E+22	2,493272E+22
-2659	2,529345E+22	2,472012E+22	2,398444E+22	2,398450E+22	2,472033E+22	2,529384E+22	2,493327E+22	2,373511E+22	2,263850E+22	2,263842E+22	2,373515E+22	2,493390E+22
-2658	2,529499E+22	2,472127E+22	2,398505E+22	2,398480E+22	2,472045E+22	2,529382E+22	2,493307E+22	2,373487E+22	2,263840E+22	2,263845E+22	2,373492E+22	2,493289E+22
-2657	2,529336E+22	2,471981E+22	2,398405E+22	2,398427E+22	2,472028E+22	2,529390E+22	2,493334E+22	2,373516E+22	2,263853E+22	2,263835E+22	2,373472E+22	2,493285E+22
-2656	2,529388E+22	2,472093E+22	2,398518E+22	2,398495E+22	2,472053E+22	2,529385E+22	2,493309E+22	2,373481E+22	2,263833E+22	2,263853E+22	2,373541E+22	2,493382E+22
-2655	2,529430E+22	2,472058E+22	2,398479E+22	2,398488E+22	2,472072E+22	2,529412E+22	2,493319E+22	2,373471E+22	2,263803E+22	2,263802E+22	2,373451E+22	2,493259E+22
-2654	2,529314E+22	2,471949E+22	2,398375E+22	2,398419E+22	2,472039E+22	2,529405E+22	2,493331E+22	2,373484E+22	2,263803E+22	2,263793E+22	2,373462E+22	2,493318E+22
-2653	2,529448E+22	2,472112E+22	2,398470E+22	2,398443E+22	2,472041E+22	2,529398E+22	2,493310E+22	2,373458E+22	2,263789E+22	2,263797E+22	2,373484E+22	2,493316E+22
-2652	2,529363E+22	2,471999E+22	2,398392E+22	2,398386E+22	2,472001E+22	2,529395E+22	2,493344E+22	2,373493E+22	2,263787E+22	2,263745E+22	2,373388E+22	2,493220E+22
-2651	2,529293E+22	2,471950E+22	2,398388E+22	2,398413E+22	2,471999E+22	2,529346E+22	2,493285E+22	2,373461E+22	2,263790E+22	2,263783E+22	2,373461E+22	2,493333E+22
-2650	2,529445E+22	2,472070E+22	2,398439E+22	2,398437E+22	2,472031E+22	2,529368E+22	2,493263E+22	2,373404E+22	2,263743E+22	2,263777E+22	2,373480E+22	2,493295E+22
-2649	2,529312E+22	2,471918E+22	2,398304E+22	2,398335E+22	2,471989E+22	2,529388E+22	2,493312E+22	2,373437E+22	2,263731E+22	2,263725E+22	2,373418E+22	2,493271E+22
-2648	2,529352E+22	2,472011E+22	2,398404E+22	2,398386E+22	2,471989E+22	2,529368E+22	2,493299E+22	2,373430E+22	2,263733E+22	2,263740E+22	2,373466E+22	2,493374E+22
-2647	2,529459E+22	2,472061E+22	2,398429E+22	2,398416E+22	2,472014E+22	2,529379E+22	2,493297E+22	2,373433E+22	2,263740E+22	2,263730E+22	2,373397E+22	2,493238E+22
-2646	2,529321E+22	2,471947E+22	2,398339E+22	2,398367E+22	2,471991E+22	2,529369E+22	2,493307E+22	2,373463E+22	2,263773E+22	2,263753E+22	2,373412E+22	2,493260E+22
-2645	2,529400E+22	2,472099E+22	2,398483E+22	2,398456E+22	2,472035E+22	2,529374E+22	2,493287E+22	2,373451E+22	2,263797E+22	2,263809E+22	2,373495E+22	2,493325E+22
-2644	2,529367E+22	2,472012E+22	2,398432E+22	2,398442E+22	2,472046E+22	2,529408E+22	2,493333E+22	2,373488E+22	2,263812E+22	2,263796E+22	2,373437E+22	2,493241E+22
-2643	2,529283E+22	2,471931E+22	2,398395E+22	2,398448E+22	2,472044E+22	2,529389E+22	2,493320E+22	2,373497E+22	2,263838E+22	2,263837E+22	2,373500E+22	2,493350E+22
-2642	2,529461E+22	2,472109E+22	2,398493E+22	2,398491E+22	2,472077E+22	2,529411E+22	2,493317E+22	2,373481E+22	2,263835E+22	2,263861E+22	2,373543E+22	2,493349E+22
-2641	2,529372E+22	2,472000E+22	2,398397E+22	2,398402E+22	2,472019E+22	2,529408E+22	2,493362E+22	2,373540E+22	2,263870E+22	2,263840E+22	2,373464E+22	2,493272E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2640	2,529357E+22	2,472056E+22	2,398496E+22	2,398473E+22	2,472023E+22	2,529370E+22	2,493329E+22	2,373532E+22	2,263893E+22	2,263887E+22	2,373534E+22	2,493377E+22
-2639	2,529476E+22	2,472137E+22	2,398554E+22	2,398542E+22	2,472084E+22	2,529385E+22	2,493299E+22	2,373499E+22	2,263880E+22	2,263892E+22	2,373519E+22	2,493290E+22
-2638	2,529334E+22	2,471989E+22	2,398418E+22	2,398454E+22	2,472054E+22	2,529395E+22	2,493319E+22	2,373505E+22	2,263863E+22	2,263860E+22	2,373496E+22	2,493302E+22
-2637	2,529393E+22	2,472100E+22	2,398532E+22	2,398517E+22	2,472078E+22	2,529399E+22	2,493309E+22	2,373487E+22	2,263852E+22	2,263867E+22	2,373545E+22	2,493387E+22
-2636	2,529433E+22	2,472060E+22	2,398478E+22	2,398485E+22	2,472073E+22	2,529423E+22	2,493346E+22	2,373507E+22	2,263836E+22	2,263818E+22	2,373450E+22	2,493255E+22
-2635	2,529316E+22	2,471960E+22	2,398395E+22	2,398435E+22	2,472034E+22	2,529389E+22	2,493332E+22	2,373510E+22	2,263838E+22	2,263814E+22	2,373458E+22	2,493300E+22
-2634	2,529430E+22	2,472126E+22	2,398510E+22	2,398482E+22	2,472055E+22	2,529389E+22	2,493305E+22	2,373474E+22	2,263820E+22	2,263831E+22	2,373511E+22	2,493327E+22
-2633	2,529351E+22	2,471989E+22	2,398396E+22	2,398398E+22	2,472008E+22	2,529384E+22	2,493326E+22	2,373496E+22	2,263822E+22	2,263797E+22	2,373426E+22	2,493237E+22
-2632	2,529296E+22	2,471961E+22	2,398404E+22	2,398418E+22	2,472006E+22	2,529362E+22	2,493297E+22	2,373464E+22	2,263802E+22	2,263806E+22	2,373486E+22	2,493350E+22
-2631	2,529446E+22	2,472073E+22	2,398458E+22	2,398466E+22	2,472055E+22	2,529384E+22	2,493280E+22	2,373427E+22	2,263767E+22	2,263793E+22	2,373484E+22	2,493307E+22
-2630	2,529344E+22	2,471952E+22	2,398318E+22	2,398342E+22	2,471990E+22	2,529383E+22	2,493313E+22	2,373454E+22	2,263756E+22	2,263740E+22	2,373416E+22	2,493268E+22
-2629	2,529367E+22	2,472055E+22	2,398452E+22	2,398415E+22	2,471994E+22	2,529357E+22	2,493292E+22	2,373457E+22	2,263787E+22	2,263776E+22	2,373463E+22	2,493348E+22
-2628	2,529437E+22	2,472070E+22	2,398466E+22	2,398453E+22	2,472028E+22	2,529376E+22	2,493306E+22	2,373471E+22	2,263801E+22	2,263788E+22	2,373423E+22	2,493228E+22
-2627	2,529294E+22	2,471940E+22	2,398371E+22	2,398422E+22	2,472025E+22	2,529368E+22	2,493297E+22	2,373476E+22	2,263817E+22	2,263806E+22	2,373449E+22	2,493267E+22
-2626	2,529377E+22	2,472089E+22	2,398504E+22	2,398496E+22	2,472075E+22	2,529398E+22	2,493297E+22	2,373463E+22	2,263822E+22	2,263849E+22	2,373541E+22	2,493364E+22
-2625	2,529376E+22	2,472002E+22	2,398420E+22	2,398438E+22	2,472048E+22	2,529415E+22	2,493346E+22	2,373513E+22	2,263852E+22	2,263840E+22	2,373470E+22	2,493270E+22
-2624	2,529319E+22	2,471971E+22	2,398416E+22	2,398439E+22	2,472029E+22	2,529392E+22	2,493344E+22	2,373530E+22	2,263876E+22	2,263863E+22	2,373508E+22	2,493352E+22
-2623	2,529468E+22	2,472140E+22	2,398542E+22	2,398526E+22	2,472081E+22	2,529399E+22	2,493322E+22	2,373518E+22	2,263891E+22	2,263902E+22	2,373546E+22	2,493340E+22
-2622	2,529387E+22	2,472040E+22	2,398446E+22	2,398443E+22	2,472028E+22	2,529384E+22	2,493335E+22	2,373542E+22	2,263907E+22	2,263888E+22	2,373489E+22	2,493271E+22
-2621	2,529354E+22	2,472080E+22	2,398544E+22	2,398525E+22	2,472057E+22	2,529367E+22	2,493302E+22	2,373528E+22	2,263925E+22	2,263927E+22	2,373557E+22	2,493374E+22
-2620	2,529454E+22	2,472124E+22	2,398566E+22	2,398570E+22	2,472118E+22	2,529415E+22	2,493320E+22	2,373516E+22	2,263904E+22	2,263922E+22	2,373543E+22	2,493305E+22
-2619	2,529332E+22	2,471981E+22	2,398430E+22	2,398484E+22	2,472079E+22	2,529412E+22	2,493336E+22	2,373524E+22	2,263880E+22	2,263870E+22	2,373498E+22	2,493304E+22
-2618	2,529395E+22	2,472109E+22	2,398546E+22	2,398531E+22	2,472093E+22	2,529417E+22	2,493335E+22	2,373519E+22	2,263877E+22	2,263880E+22	2,373548E+22	2,493390E+22
-2617	2,529435E+22	2,472068E+22	2,398483E+22	2,398475E+22	2,472053E+22	2,529408E+22	2,493353E+22	2,373542E+22	2,263890E+22	2,263866E+22	2,373465E+22	2,493247E+22
-2616	2,529314E+22	2,471982E+22	2,398424E+22	2,398438E+22	2,472018E+22	2,529375E+22	2,493332E+22	2,373529E+22	2,263878E+22	2,263858E+22	2,373482E+22	2,493293E+22
-2615	2,529406E+22	2,472116E+22	2,398535E+22	2,398518E+22	2,472076E+22	2,529386E+22	2,493293E+22	2,373481E+22	2,263854E+22	2,263876E+22	2,373540E+22	2,493344E+22
-2614	2,529365E+22	2,471997E+22	2,398401E+22	2,398406E+22	2,472013E+22	2,529376E+22	2,493305E+22	2,373478E+22	2,263827E+22	2,263823E+22	2,373456E+22	2,493265E+22
-2613	2,529321E+22	2,471985E+22	2,398427E+22	2,398434E+22	2,472015E+22	2,529358E+22	2,493286E+22	2,373466E+22	2,263817E+22	2,263816E+22	2,373485E+22	2,493354E+22
-2612	2,529460E+22	2,472094E+22	2,398480E+22	2,398477E+22	2,472059E+22	2,529391E+22	2,493299E+22	2,373459E+22	2,263800E+22	2,263812E+22	2,373480E+22	2,493296E+22
-2611	2,529347E+22	2,471979E+22	2,398370E+22	2,398388E+22	2,472003E+22	2,529373E+22	2,493311E+22	2,373476E+22	2,263795E+22	2,263767E+22	2,373410E+22	2,493243E+22
-2610	2,529344E+22	2,472068E+22	2,398505E+22	2,398477E+22	2,472036E+22	2,529370E+22	2,493298E+22	2,373478E+22	2,263823E+22	2,263820E+22	2,373490E+22	2,493346E+22
-2609	2,529414E+22	2,472056E+22	2,398478E+22	2,398480E+22	2,472055E+22	2,529391E+22	2,493312E+22	2,373492E+22	2,263851E+22	2,263852E+22	2,373470E+22	2,493244E+22
-2608	2,529288E+22	2,471940E+22	2,398385E+22	2,398429E+22	2,472041E+22	2,529400E+22	2,493329E+22	2,373503E+22	2,263852E+22	2,263849E+22	2,373486E+22	2,493290E+22
-2607	2,529378E+22	2,472083E+22	2,398517E+22	2,398519E+22	2,472097E+22	2,529419E+22	2,493326E+22	2,373505E+22	2,263871E+22	2,263889E+22	2,373559E+22	2,493386E+22
-2606	2,529418E+22	2,472037E+22	2,398432E+22	2,398432E+22	2,472032E+22	2,529398E+22	2,493341E+22	2,373535E+22	2,263895E+22	2,263881E+22	2,373488E+22	2,493277E+22
-2605	2,529342E+22	2,472020E+22	2,398470E+22	2,398466E+22	2,472021E+22	2,529361E+22	2,493322E+22	2,373551E+22	2,263931E+22	2,263909E+22	2,373521E+22	2,493340E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2604	2,529458E+22	2,472157E+22	2,398588E+22	2,398569E+22	2,472094E+22	2,529385E+22	2,493312E+22	2,373537E+22	2,263939E+22	2,263956E+22	2,373577E+22	2,493340E+22
-2603	2,529371E+22	2,472039E+22	2,398487E+22	2,398502E+22	2,472063E+22	2,529381E+22	2,493315E+22	2,373535E+22	2,263924E+22	2,263919E+22	2,373515E+22	2,493280E+22
-2602	2,529344E+22	2,472077E+22	2,398569E+22	2,398569E+22	2,472103E+22	2,529401E+22	2,493317E+22	2,373528E+22	2,263924E+22	2,263940E+22	2,373579E+22	2,493395E+22
-2601	2,529464E+22	2,472120E+22	2,398558E+22	2,398565E+22	2,472121E+22	2,529430E+22	2,493344E+22	2,373542E+22	2,263929E+22	2,263942E+22	2,373551E+22	2,493309E+22
-2600	2,529350E+22	2,472012E+22	2,398448E+22	2,398470E+22	2,472067E+22	2,529426E+22	2,493368E+22	2,373562E+22	2,263915E+22	2,263887E+22	2,373491E+22	2,493285E+22
-2599	2,529382E+22	2,472117E+22	2,398581E+22	2,398558E+22	2,472096E+22	2,529411E+22	2,493345E+22	2,373559E+22	2,263934E+22	2,263921E+22	2,373546E+22	2,493370E+22
-2598	2,529436E+22	2,472082E+22	2,398505E+22	2,398495E+22	2,472051E+22	2,529382E+22	2,493326E+22	2,373544E+22	2,263928E+22	2,263919E+22	2,373499E+22	2,493250E+22
-2597	2,529309E+22	2,471992E+22	2,398454E+22	2,398471E+22	2,472034E+22	2,529361E+22	2,493305E+22	2,373526E+22	2,263907E+22	2,263897E+22	2,373513E+22	2,493306E+22
-2596	2,529398E+22	2,472103E+22	2,398542E+22	2,398534E+22	2,472092E+22	2,529398E+22	2,493303E+22	2,373492E+22	2,263873E+22	2,263903E+22	2,373569E+22	2,493368E+22
-2595	2,529379E+22	2,472002E+22	2,398424E+22	2,398435E+22	2,472027E+22	2,529379E+22	2,493308E+22	2,373485E+22	2,263835E+22	2,263828E+22	2,373459E+22	2,493271E+22
-2594	2,529337E+22	2,472013E+22	2,398461E+22	2,398461E+22	2,472034E+22	2,529375E+22	2,493303E+22	2,373484E+22	2,263832E+22	2,263829E+22	2,373486E+22	2,493343E+22
-2593	2,529458E+22	2,472111E+22	2,398506E+22	2,398490E+22	2,472056E+22	2,529387E+22	2,493308E+22	2,373492E+22	2,263853E+22	2,263860E+22	2,373495E+22	2,493281E+22
-2592	2,529338E+22	2,471997E+22	2,398409E+22	2,398415E+22	2,472018E+22	2,529383E+22	2,493321E+22	2,373501E+22	2,263842E+22	2,263818E+22	2,373439E+22	2,493236E+22
-2591	2,529312E+22	2,472040E+22	2,398522E+22	2,398520E+22	2,472075E+22	2,529390E+22	2,493307E+22	2,373502E+22	2,263871E+22	2,263873E+22	2,373520E+22	2,493360E+22
-2590	2,529425E+22	2,472053E+22	2,398475E+22	2,398484E+22	2,472062E+22	2,529394E+22	2,493311E+22	2,373498E+22	2,263877E+22	2,263895E+22	2,373512E+22	2,493278E+22
-2589	2,529319E+22	2,471966E+22	2,398405E+22	2,398434E+22	2,472031E+22	2,529383E+22	2,493326E+22	2,373527E+22	2,263889E+22	2,263875E+22	2,373498E+22	2,493299E+22
-2588	2,529397E+22	2,472107E+22	2,398541E+22	2,398523E+22	2,472083E+22	2,529407E+22	2,493337E+22	2,373542E+22	2,263920E+22	2,263927E+22	2,373572E+22	2,493384E+22
-2587	2,529428E+22	2,472073E+22	2,398498E+22	2,398483E+22	2,472036E+22	2,529370E+22	2,493321E+22	2,373546E+22	2,263933E+22	2,263919E+22	2,373500E+22	2,493266E+22
-2586	2,529337E+22	2,472046E+22	2,398531E+22	2,398533E+22	2,472063E+22	2,529369E+22	2,493313E+22	2,373551E+22	2,263951E+22	2,263948E+22	2,373550E+22	2,493340E+22
-2585	2,529445E+22	2,472156E+22	2,398610E+22	2,398602E+22	2,472125E+22	2,529404E+22	2,493318E+22	2,373548E+22	2,263971E+22	2,264000E+22	2,373612E+22	2,493353E+22
-2584	2,529372E+22	2,472047E+22	2,398509E+22	2,398522E+22	2,472091E+22	2,529421E+22	2,493347E+22	2,373558E+22	2,263946E+22	2,263938E+22	2,373528E+22	2,493286E+22
-2583	2,529339E+22	2,472066E+22	2,398580E+22	2,398595E+22	2,472131E+22	2,529429E+22	2,493355E+22	2,373576E+22	2,263968E+22	2,263963E+22	2,373572E+22	2,493387E+22
-2582	2,529487E+22	2,472144E+22	2,398567E+22	2,398559E+22	2,472106E+22	2,529420E+22	2,493351E+22	2,373572E+22	2,263975E+22	2,263981E+22	2,373565E+22	2,493301E+22
-2581	2,529353E+22	2,472040E+22	2,398490E+22	2,398489E+22	2,472048E+22	2,529389E+22	2,493354E+22	2,373593E+22	2,263974E+22	2,263937E+22	2,373509E+22	2,493271E+22
-2580	2,529360E+22	2,472109E+22	2,398600E+22	2,398582E+22	2,472100E+22	2,529396E+22	2,493335E+22	2,373577E+22	2,263982E+22	2,263981E+22	2,373591E+22	2,493379E+22
-2579	2,529424E+22	2,472072E+22	2,398528E+22	2,398532E+22	2,472068E+22	2,529371E+22	2,493298E+22	2,373526E+22	2,263936E+22	2,263948E+22	2,373536E+22	2,493275E+22
-2578	2,529319E+22	2,471995E+22	2,398470E+22	2,398500E+22	2,472064E+22	2,529382E+22	2,493308E+22	2,373510E+22	2,263890E+22	2,263903E+22	2,373537E+22	2,493332E+22
-2577	2,529424E+22	2,472115E+22	2,398542E+22	2,398530E+22	2,472088E+22	2,529402E+22	2,493317E+22	2,373509E+22	2,263887E+22	2,263913E+22	2,373573E+22	2,493373E+22
-2576	2,529403E+22	2,472042E+22	2,398458E+22	2,398442E+22	2,472027E+22	2,529392E+22	2,493329E+22	2,373512E+22	2,263860E+22	2,263836E+22	2,373447E+22	2,493248E+22
-2575	2,529325E+22	2,472025E+22	2,398508E+22	2,398510E+22	2,472058E+22	2,529383E+22	2,493320E+22	2,373524E+22	2,263886E+22	2,263865E+22	2,373479E+22	2,493314E+22
-2574	2,529453E+22	2,472121E+22	2,398530E+22	2,398517E+22	2,472069E+22	2,529381E+22	2,493299E+22	2,373503E+22	2,263893E+22	2,263912E+22	2,373527E+22	2,493278E+22
-2573	2,529324E+22	2,471998E+22	2,398435E+22	2,398446E+22	2,472036E+22	2,529382E+22	2,493320E+22	2,373523E+22	2,263885E+22	2,263864E+22	2,373474E+22	2,493247E+22
-2572	2,529303E+22	2,472021E+22	2,398519E+22	2,398532E+22	2,472088E+22	2,529406E+22	2,493332E+22	2,373537E+22	2,263915E+22	2,263918E+22	2,373558E+22	2,493382E+22
-2571	2,529438E+22	2,472059E+22	2,398493E+22	2,398501E+22	2,472061E+22	2,529385E+22	2,493313E+22	2,373520E+22	2,263908E+22	2,263922E+22	2,373531E+22	2,493292E+22
-2570	2,529344E+22	2,472003E+22	2,398447E+22	2,398461E+22	2,472037E+22	2,529381E+22	2,493331E+22	2,373544E+22	2,263917E+22	2,263908E+22	2,373517E+22	2,493299E+22
-2569	2,529406E+22	2,472136E+22	2,398582E+22	2,398547E+22	2,472071E+22	2,529382E+22	2,493328E+22	2,373566E+22	2,263973E+22	2,263984E+22	2,373602E+22	2,493380E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2568	2,529425E+22	2,472099E+22	2,398548E+22	2,398528E+22	2,472063E+22	2,529377E+22	2,493314E+22	2,373554E+22	2,263967E+22	2,263962E+22	2,373529E+22	2,493266E+22
-2567	2,529317E+22	2,472037E+22	2,398564E+22	2,398590E+22	2,472115E+22	2,529398E+22	2,493324E+22	2,373567E+22	2,263984E+22	2,263983E+22	2,373566E+22	2,493345E+22
-2566	2,529459E+22	2,472160E+22	2,398614E+22	2,398614E+22	2,472141E+22	2,529419E+22	2,493329E+22	2,373560E+22	2,263991E+22	2,264026E+22	2,373633E+22	2,493368E+22
-2565	2,529391E+22	2,472071E+22	2,398532E+22	2,398537E+22	2,472091E+22	2,529416E+22	2,493364E+22	2,373600E+22	2,263988E+22	2,263957E+22	2,373528E+22	2,493278E+22
-2564	2,529340E+22	2,472073E+22	2,398594E+22	2,398603E+22	2,472124E+22	2,529426E+22	2,493376E+22	2,373625E+22	2,264028E+22	2,264007E+22	2,373585E+22	2,493373E+22
-2563	2,529472E+22	2,472155E+22	2,398612E+22	2,398598E+22	2,472106E+22	2,529395E+22	2,493333E+22	2,373586E+22	2,264015E+22	2,264025E+22	2,373591E+22	2,493299E+22
-2562	2,529344E+22	2,472050E+22	2,398525E+22	2,398534E+22	2,472076E+22	2,529391E+22	2,493340E+22	2,373583E+22	2,263988E+22	2,263979E+22	2,373554E+22	2,493283E+22
-2561	2,529352E+22	2,472103E+22	2,398602E+22	2,398592E+22	2,472107E+22	2,529398E+22	2,493333E+22	2,373579E+22	2,264001E+22	2,264018E+22	2,373633E+22	2,493409E+22
-2560	2,529441E+22	2,472086E+22	2,398539E+22	2,398542E+22	2,472086E+22	2,529396E+22	2,493314E+22	2,373534E+22	2,263941E+22	2,263953E+22	2,373546E+22	2,493291E+22
-2559	2,529334E+22	2,472002E+22	2,398482E+22	2,398520E+22	2,472085E+22	2,529402E+22	2,493332E+22	2,373543E+22	2,263917E+22	2,263904E+22	2,373514E+22	2,493320E+22
-2558	2,529450E+22	2,472149E+22	2,398562E+22	2,398533E+22	2,472076E+22	2,529391E+22	2,493320E+22	2,373532E+22	2,263920E+22	2,263936E+22	2,373572E+22	2,493355E+22
-2557	2,529400E+22	2,472074E+22	2,398510E+22	2,398479E+22	2,472020E+22	2,529360E+22	2,493322E+22	2,373547E+22	2,263912E+22	2,263874E+22	2,373455E+22	2,493223E+22
-2556	2,529290E+22	2,472004E+22	2,398521E+22	2,398543E+22	2,472077E+22	2,529382E+22	2,493322E+22	2,373552E+22	2,263939E+22	2,263925E+22	2,373520E+22	2,493312E+22
-2555	2,529422E+22	2,472103E+22	2,398549E+22	2,398553E+22	2,472091E+22	2,529381E+22	2,493288E+22	2,373502E+22	2,263915E+22	2,263951E+22	2,373568E+22	2,493304E+22
-2554	2,529333E+22	2,472001E+22	2,398445E+22	2,398466E+22	2,472054E+22	2,529397E+22	2,493330E+22	2,373526E+22	2,263894E+22	2,263892E+22	2,373508E+22	2,493271E+22
-2553	2,529327E+22	2,472040E+22	2,398522E+22	2,398521E+22	2,472068E+22	2,529395E+22	2,493343E+22	2,373569E+22	2,263955E+22	2,263952E+22	2,373579E+22	2,493396E+22
-2552	2,529466E+22	2,472108E+22	2,398534E+22	2,398519E+22	2,472060E+22	2,529380E+22	2,493315E+22	2,373545E+22	2,263949E+22	2,263950E+22	2,373537E+22	2,493283E+22
-2551	2,529341E+22	2,472027E+22	2,398505E+22	2,398526E+22	2,472069E+22	2,529381E+22	2,493331E+22	2,373572E+22	2,263968E+22	2,263949E+22	2,373521E+22	2,493286E+22
-2550	2,529411E+22	2,472157E+22	2,398620E+22	2,398594E+22	2,472100E+22	2,529381E+22	2,493313E+22	2,373568E+22	2,264005E+22	2,264032E+22	2,373640E+22	2,493388E+22
-2549	2,529418E+22	2,472112E+22	2,398591E+22	2,398579E+22	2,472093E+22	2,529386E+22	2,493324E+22	2,373579E+22	2,264001E+22	2,263994E+22	2,373553E+22	2,493273E+22
-2548	2,529308E+22	2,472022E+22	2,398567E+22	2,398615E+22	2,472145E+22	2,529431E+22	2,493364E+22	2,373612E+22	2,264030E+22	2,264022E+22	2,373590E+22	2,493351E+22
-2547	2,529456E+22	2,472169E+22	2,398635E+22	2,398633E+22	2,472148E+22	2,529424E+22	2,493345E+22	2,373593E+22	2,264030E+22	2,264052E+22	2,373642E+22	2,493367E+22
-2546	2,529401E+22	2,472098E+22	2,398563E+22	2,398557E+22	2,472095E+22	2,529417E+22	2,493377E+22	2,373626E+22	2,264029E+22	2,264002E+22	2,373551E+22	2,493272E+22
-2545	2,529334E+22	2,472083E+22	2,398611E+22	2,398613E+22	2,472108E+22	2,529398E+22	2,493369E+22	2,373654E+22	2,264085E+22	2,264069E+22	2,373627E+22	2,493381E+22
-2544	2,529464E+22	2,472161E+22	2,398629E+22	2,398622E+22	2,472124E+22	2,529392E+22	2,493315E+22	2,373584E+22	2,264039E+22	2,264062E+22	2,373627E+22	2,493319E+22
-2543	2,529338E+22	2,472043E+22	2,398539E+22	2,398568E+22	2,472109E+22	2,529406E+22	2,493340E+22	2,373585E+22	2,264001E+22	2,263995E+22	2,373566E+22	2,493307E+22
-2542	2,529386E+22	2,472121E+22	2,398603E+22	2,398588E+22	2,472101E+22	2,529391E+22	2,493326E+22	2,373572E+22	2,263999E+22	2,264021E+22	2,373641E+22	2,493423E+22
-2541	2,529467E+22	2,472125E+22	2,398572E+22	2,398556E+22	2,472075E+22	2,529377E+22	2,493320E+22	2,373563E+22	2,263963E+22	2,263950E+22	2,373525E+22	2,493272E+22
-2540	2,529331E+22	2,472021E+22	2,398511E+22	2,398545E+22	2,472089E+22	2,529400E+22	2,493347E+22	2,373582E+22	2,263967E+22	2,263936E+22	2,373510E+22	2,493286E+22
-2539	2,529416E+22	2,472158E+22	2,398610E+22	2,398581E+22	2,472091E+22	2,529378E+22	2,493307E+22	2,373545E+22	2,263958E+22	2,263971E+22	2,373584E+22	2,493338E+22
-2538	2,529377E+22	2,472074E+22	2,398538E+22	2,398528E+22	2,472063E+22	2,529379E+22	2,493322E+22	2,373547E+22	2,263936E+22	2,263922E+22	2,373497E+22	2,493230E+22
-2537	2,529272E+22	2,471986E+22	2,398511E+22	2,398548E+22	2,472086E+22	2,529391E+22	2,493336E+22	2,373575E+22	2,263978E+22	2,263974E+22	2,373569E+22	2,493344E+22
-2536	2,529429E+22	2,472104E+22	2,398546E+22	2,398559E+22	2,472107E+22	2,529401E+22	2,493306E+22	2,373525E+22	2,263942E+22	2,263974E+22	2,373592E+22	2,493329E+22
-2535	2,529352E+22	2,472018E+22	2,398463E+22	2,398485E+22	2,472066E+22	2,529405E+22	2,493347E+22	2,373563E+22	2,263940E+22	2,263918E+22	2,373506E+22	2,493275E+22
-2534	2,529360E+22	2,472086E+22	2,398555E+22	2,398529E+22	2,472049E+22	2,529366E+22	2,493329E+22	2,373587E+22	2,264000E+22	2,263997E+22	2,373600E+22	2,493394E+22
-2533	2,529472E+22	2,472150E+22	2,398600E+22	2,398572E+22	2,472063E+22	2,529346E+22	2,493300E+22	2,373573E+22	2,264000E+22	2,263996E+22	2,373557E+22	2,493275E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2532	2,529321E+22	2,472025E+22	2,398534E+22	2,398578E+22	2,472109E+22	2,529393E+22	2,493332E+22	2,373592E+22	2,264016E+22	2,264004E+22	2,373559E+22	2,493289E+22
-2531	2,529387E+22	2,472154E+22	2,398652E+22	2,398640E+22	2,472136E+22	2,529399E+22	2,493316E+22	2,373572E+22	2,264022E+22	2,264057E+22	2,373666E+22	2,493409E+22
-2530	2,529432E+22	2,472124E+22	2,398609E+22	2,398609E+22	2,472125E+22	2,529416E+22	2,493350E+22	2,373594E+22	2,264017E+22	2,264019E+22	2,373574E+22	2,493282E+22
-2529	2,529319E+22	2,472037E+22	2,398568E+22	2,398606E+22	2,472131E+22	2,529430E+22	2,493390E+22	2,373661E+22	2,264085E+22	2,264062E+22	2,373608E+22	2,493353E+22
-2528	2,529460E+22	2,472199E+22	2,398665E+22	2,398650E+22	2,472152E+22	2,529421E+22	2,493351E+22	2,373627E+22	2,264081E+22	2,264091E+22	2,373653E+22	2,493360E+22
-2527	2,529392E+22	2,472110E+22	2,398600E+22	2,398600E+22	2,472114E+22	2,529411E+22	2,493371E+22	2,373650E+22	2,264081E+22	2,264047E+22	2,373564E+22	2,493271E+22
-2526	2,529338E+22	2,472095E+22	2,398628E+22	2,398630E+22	2,472113E+22	2,529382E+22	2,493344E+22	2,373647E+22	2,264110E+22	2,264113E+22	2,373668E+22	2,493404E+22
-2525	2,529470E+22	2,472179E+22	2,398660E+22	2,398651E+22	2,472130E+22	2,529380E+22	2,493313E+22	2,373597E+22	2,264055E+22	2,264077E+22	2,373642E+22	2,493335E+22
-2524	2,529343E+22	2,472039E+22	2,398542E+22	2,398585E+22	2,472127E+22	2,529421E+22	2,493359E+22	2,373610E+22	2,264026E+22	2,264010E+22	2,373570E+22	2,493305E+22
-2523	2,529386E+22	2,472143E+22	2,398635E+22	2,398609E+22	2,472107E+22	2,529390E+22	2,493328E+22	2,373586E+22	2,264017E+22	2,264026E+22	2,373630E+22	2,493412E+22
-2522	2,529470E+22	2,472156E+22	2,398615E+22	2,398589E+22	2,472088E+22	2,529379E+22	2,493323E+22	2,373574E+22	2,263992E+22	2,263984E+22	2,373532E+22	2,493247E+22
-2521	2,529306E+22	2,472022E+22	2,398528E+22	2,398563E+22	2,472091E+22	2,529388E+22	2,493346E+22	2,373610E+22	2,264021E+22	2,263995E+22	2,373547E+22	2,493284E+22
-2520	2,529386E+22	2,472145E+22	2,398616E+22	2,398610E+22	2,472128E+22	2,529393E+22	2,493301E+22	2,373550E+22	2,263989E+22	2,264012E+22	2,373618E+22	2,493354E+22
-2519	2,529365E+22	2,472056E+22	2,398537E+22	2,398550E+22	2,472095E+22	2,529404E+22	2,493337E+22	2,373565E+22	2,263965E+22	2,263948E+22	2,373516E+22	2,493261E+22
-2518	2,529305E+22	2,472000E+22	2,398505E+22	2,398534E+22	2,472071E+22	2,529381E+22	2,493336E+22	2,373587E+22	2,263999E+22	2,263999E+22	2,373593E+22	2,493373E+22
-2517	2,529463E+22	2,472149E+22	2,398583E+22	2,398569E+22	2,472083E+22	2,529371E+22	2,493311E+22	2,373564E+22	2,263981E+22	2,263992E+22	2,373590E+22	2,493327E+22
-2516	2,529360E+22	2,472048E+22	2,398506E+22	2,398520E+22	2,472073E+22	2,529395E+22	2,493350E+22	2,373596E+22	2,263996E+22	2,263965E+22	2,373519E+22	2,493257E+22
-2515	2,529342E+22	2,472115E+22	2,398621E+22	2,398590E+22	2,472076E+22	2,529355E+22	2,493307E+22	2,373587E+22	2,264031E+22	2,264036E+22	2,373621E+22	2,493391E+22
-2514	2,529462E+22	2,472167E+22	2,398647E+22	2,398635E+22	2,472119E+22	2,529375E+22	2,493301E+22	2,373569E+22	2,264023E+22	2,264043E+22	2,373593E+22	2,493282E+22
-2513	2,529310E+22	2,472022E+22	2,398543E+22	2,398600E+22	2,472134E+22	2,529418E+22	2,493361E+22	2,373628E+22	2,264061E+22	2,264050E+22	2,373597E+22	2,493312E+22
-2512	2,529388E+22	2,472152E+22	2,398652E+22	2,398657E+22	2,472168E+22	2,529429E+22	2,493345E+22	2,373611E+22	2,264062E+22	2,264081E+22	2,373671E+22	2,493415E+22
-2511	2,529441E+22	2,472140E+22	2,398628E+22	2,398627E+22	2,472140E+22	2,529432E+22	2,493381E+22	2,373648E+22	2,264079E+22	2,264053E+22	2,373572E+22	2,493280E+22
-2510	2,529338E+22	2,472069E+22	2,398593E+22	2,398605E+22	2,472102E+22	2,529395E+22	2,493379E+22	2,373687E+22	2,264140E+22	2,264119E+22	2,373639E+22	2,493354E+22
-2509	2,529452E+22	2,472219E+22	2,398711E+22	2,398684E+22	2,472140E+22	2,529379E+22	2,493332E+22	2,373650E+22	2,264129E+22	2,264141E+22	2,373683E+22	2,493366E+22
-2508	2,529376E+22	2,472101E+22	2,398618E+22	2,398635E+22	2,472141E+22	2,529410E+22	2,493357E+22	2,373653E+22	2,264116E+22	2,264099E+22	2,373605E+22	2,493286E+22
-2507	2,529330E+22	2,472101E+22	2,398655E+22	2,398656E+22	2,472129E+22	2,529381E+22	2,493325E+22	2,373626E+22	2,264105E+22	2,264122E+22	2,373685E+22	2,493428E+22
-2506	2,529495E+22	2,472202E+22	2,398682E+22	2,398675E+22	2,472153E+22	2,529396E+22	2,493318E+22	2,373590E+22	2,264054E+22	2,264084E+22	2,373642E+22	2,493333E+22
-2505	2,529355E+22	2,472063E+22	2,398557E+22	2,398585E+22	2,472119E+22	2,529418E+22	2,493375E+22	2,373643E+22	2,264062E+22	2,264031E+22	2,373568E+22	2,493293E+22
-2504	2,529375E+22	2,472158E+22	2,398665E+22	2,398641E+22	2,472131E+22	2,529396E+22	2,493333E+22	2,373609E+22	2,264052E+22	2,264048E+22	2,373622E+22	2,493387E+22
-2503	2,529446E+22	2,472155E+22	2,398646E+22	2,398637E+22	2,472128E+22	2,529397E+22	2,493333E+22	2,373598E+22	2,264036E+22	2,264020E+22	2,373543E+22	2,493244E+22
-2502	2,529297E+22	2,472017E+22	2,398530E+22	2,398568E+22	2,472098E+22	2,529389E+22	2,493342E+22	2,373616E+22	2,264051E+22	2,264043E+22	2,373592E+22	2,493310E+22
-2501	2,529384E+22	2,472142E+22	2,398628E+22	2,398621E+22	2,472126E+22	2,529391E+22	2,493318E+22	2,373581E+22	2,264018E+22	2,264039E+22	2,373640E+22	2,493379E+22
-2500	2,529378E+22	2,472054E+22	2,398533E+22	2,398552E+22	2,472101E+22	2,529413E+22	2,493356E+22	2,373601E+22	2,264010E+22	2,263986E+22	2,373533E+22	2,493268E+22
-2499	2,529317E+22	2,472037E+22	2,398544E+22	2,398545E+22	2,472061E+22	2,529362E+22	2,493326E+22	2,373601E+22	2,264030E+22	2,264023E+22	2,373598E+22	2,493375E+22
-2498	2,529481E+22	2,472195E+22	2,398643E+22	2,398611E+22	2,472092E+22	2,529357E+22	2,493298E+22	2,373569E+22	2,264018E+22	2,264042E+22	2,373609E+22	2,493315E+22
-2497	2,529346E+22	2,472061E+22	2,398544E+22	2,398558E+22	2,472087E+22	2,529383E+22	2,493340E+22	2,373616E+22	2,264047E+22	2,264026E+22	2,373560E+22	2,493264E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2496	2,529325E+22	2,472112E+22	2,398645E+22	2,398641E+22	2,472133E+22	2,529382E+22	2,493307E+22	2,373591E+22	2,264057E+22	2,264070E+22	2,373644E+22	2,493404E+22
-2495	2,529460E+22	2,472165E+22	2,398664E+22	2,398670E+22	2,472162E+22	2,529413E+22	2,493329E+22	2,373593E+22	2,264052E+22	2,264063E+22	2,373601E+22	2,493299E+22
-2494	2,529333E+22	2,472038E+22	2,398548E+22	2,398592E+22	2,472125E+22	2,529418E+22	2,493376E+22	2,373659E+22	2,264100E+22	2,264084E+22	2,373615E+22	2,493323E+22
-2493	2,529402E+22	2,472183E+22	2,398692E+22	2,398672E+22	2,472148E+22	2,529407E+22	2,493362E+22	2,373665E+22	2,264120E+22	2,264116E+22	2,373672E+22	2,493402E+22
-2492	2,529433E+22	2,472152E+22	2,398662E+22	2,398658E+22	2,472146E+22	2,529419E+22	2,493381E+22	2,373686E+22	2,264148E+22	2,264119E+22	2,373599E+22	2,493266E+22
-2491	2,529317E+22	2,472087E+22	2,398644E+22	2,398649E+22	2,472118E+22	2,529377E+22	2,493349E+22	2,373681E+22	2,264169E+22	2,264166E+22	2,373676E+22	2,493369E+22
-2490	2,529454E+22	2,472231E+22	2,398747E+22	2,398727E+22	2,472174E+22	2,529391E+22	2,493318E+22	2,373631E+22	2,264140E+22	2,264182E+22	2,373721E+22	2,493385E+22
-2489	2,529379E+22	2,472100E+22	2,398626E+22	2,398648E+22	2,472153E+22	2,529422E+22	2,493370E+22	2,373667E+22	2,264136E+22	2,264126E+22	2,373633E+22	2,493311E+22
-2488	2,529346E+22	2,472109E+22	2,398661E+22	2,398676E+22	2,472162E+22	2,529405E+22	2,493340E+22	2,373642E+22	2,264117E+22	2,264122E+22	2,373670E+22	2,493422E+22
-2487	2,529508E+22	2,472226E+22	2,398709E+22	2,398695E+22	2,472172E+22	2,529417E+22	2,493345E+22	2,373627E+22	2,264091E+22	2,264094E+22	2,373622E+22	2,493316E+22
-2486	2,529359E+22	2,472086E+22	2,398586E+22	2,398593E+22	2,472105E+22	2,529398E+22	2,493372E+22	2,373668E+22	2,264108E+22	2,264076E+22	2,373588E+22	2,493283E+22
-2485	2,529352E+22	2,472154E+22	2,398696E+22	2,398673E+22	2,472132E+22	2,529379E+22	2,493333E+22	2,373640E+22	2,264096E+22	2,264092E+22	2,373643E+22	2,493382E+22
-2484	2,529419E+22	2,472128E+22	2,398645E+22	2,398658E+22	2,472153E+22	2,529412E+22	2,493340E+22	2,373615E+22	2,264075E+22	2,264073E+22	2,373584E+22	2,493259E+22
-2483	2,529293E+22	2,472019E+22	2,398542E+22	2,398571E+22	2,472097E+22	2,529386E+22	2,493335E+22	2,373611E+22	2,264058E+22	2,264062E+22	2,373617E+22	2,493340E+22
-2482	2,529417E+22	2,472167E+22	2,398647E+22	2,398627E+22	2,472125E+22	2,529390E+22	2,493318E+22	2,373584E+22	2,264037E+22	2,264065E+22	2,373650E+22	2,493385E+22
-2481	2,529401E+22	2,472089E+22	2,398563E+22	2,398557E+22	2,472084E+22	2,529393E+22	2,493357E+22	2,373631E+22	2,264057E+22	2,264026E+22	2,373549E+22	2,493267E+22
-2480	2,529320E+22	2,472061E+22	2,398589E+22	2,398594E+22	2,472090E+22	2,529356E+22	2,493311E+22	2,373608E+22	2,264063E+22	2,264053E+22	2,373599E+22	2,493357E+22
-2479	2,529469E+22	2,472208E+22	2,398692E+22	2,398674E+22	2,472145E+22	2,529380E+22	2,493302E+22	2,373584E+22	2,264054E+22	2,264075E+22	2,373624E+22	2,493317E+22
-2478	2,529343E+22	2,472067E+22	2,398570E+22	2,398585E+22	2,472108E+22	2,529394E+22	2,493343E+22	2,373627E+22	2,264077E+22	2,264070E+22	2,373598E+22	2,493283E+22
-2477	2,529319E+22	2,472106E+22	2,398666E+22	2,398667E+22	2,472144E+22	2,529397E+22	2,493342E+22	2,373635E+22	2,264094E+22	2,264097E+22	2,373655E+22	2,493407E+22
-2476	2,529461E+22	2,472162E+22	2,398670E+22	2,398684E+22	2,472181E+22	2,529436E+22	2,493364E+22	2,373646E+22	2,264114E+22	2,264114E+22	2,373620E+22	2,493292E+22
-2475	2,529335E+22	2,472071E+22	2,398587E+22	2,398599E+22	2,472111E+22	2,529401E+22	2,493375E+22	2,373685E+22	2,264149E+22	2,264129E+22	2,373634E+22	2,493324E+22
-2474	2,529409E+22	2,472210E+22	2,398740E+22	2,398706E+22	2,472151E+22	2,529388E+22	2,493345E+22	2,373674E+22	2,264173E+22	2,264185E+22	2,373708E+22	2,493399E+22
-2473	2,529423E+22	2,472156E+22	2,398687E+22	2,398686E+22	2,472153E+22	2,529401E+22	2,493363E+22	2,373697E+22	2,264196E+22	2,264186E+22	2,373655E+22	2,493292E+22
-2472	2,529315E+22	2,472079E+22	2,398657E+22	2,398690E+22	2,472163E+22	2,529391E+22	2,493335E+22	2,373667E+22	2,264175E+22	2,264187E+22	2,373700E+22	2,493394E+22
-2471	2,529472E+22	2,472241E+22	2,398766E+22	2,398755E+22	2,472206E+22	2,529421E+22	2,493339E+22	2,373642E+22	2,264146E+22	2,264180E+22	2,373722E+22	2,493403E+22
-2470	2,529412E+22	2,472130E+22	2,398644E+22	2,398644E+22	2,472140E+22	2,529417E+22	2,493380E+22	2,373687E+22	2,264155E+22	2,264136E+22	2,373633E+22	2,493309E+22
-2469	2,529357E+22	2,472142E+22	2,398706E+22	2,398697E+22	2,472148E+22	2,529395E+22	2,493364E+22	2,373688E+22	2,264157E+22	2,264137E+22	2,373650E+22	2,493386E+22
-2468	2,529488E+22	2,472231E+22	2,398741E+22	2,398732E+22	2,472192E+22	2,529422E+22	2,493356E+22	2,373663E+22	2,264149E+22	2,264147E+22	2,373635E+22	2,493283E+22
-2467	2,529326E+22	2,472091E+22	2,398620E+22	2,398624E+22	2,472121E+22	2,529395E+22	2,493359E+22	2,373670E+22	2,264137E+22	2,264119E+22	2,373622E+22	2,493293E+22
-2466	2,529345E+22	2,472146E+22	2,398711E+22	2,398699E+22	2,472156E+22	2,529393E+22	2,493332E+22	2,373637E+22	2,264121E+22	2,264139E+22	2,373682E+22	2,493399E+22
-2465	2,529419E+22	2,472112E+22	2,398635E+22	2,398652E+22	2,472149E+22	2,529413E+22	2,493354E+22	2,373642E+22	2,264109E+22	2,264112E+22	2,373622E+22	2,493289E+22
-2464	2,529315E+22	2,472025E+22	2,398545E+22	2,398584E+22	2,472112E+22	2,529389E+22	2,493338E+22	2,373625E+22	2,264078E+22	2,264075E+22	2,373617E+22	2,493344E+22
-2463	2,529443E+22	2,472205E+22	2,398686E+22	2,398648E+22	2,472126E+22	2,529387E+22	2,493324E+22	2,373608E+22	2,264070E+22	2,264084E+22	2,373648E+22	2,493377E+22
-2462	2,529408E+22	2,472119E+22	2,398608E+22	2,398581E+22	2,472073E+22	2,529363E+22	2,493336E+22	2,373639E+22	2,264095E+22	2,264074E+22	2,373579E+22	2,493265E+22
-2461	2,529307E+22	2,472069E+22	2,398636E+22	2,398645E+22	2,472109E+22	2,529353E+22	2,493311E+22	2,373626E+22	2,264096E+22	2,264091E+22	2,373618E+22	2,493350E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-2460	2,529449E+22	2,472192E+22	2,398703E+22	2,398712E+22	2,472189E+22	2,529414E+22	2,493320E+22	2,373603E+22	2,264090E+22	2,264120E+22	2,373654E+22	2,493321E+22
-2459	2,529341E+22	2,472077E+22	2,398591E+22	2,398601E+22	2,472121E+22	2,529407E+22	2,493358E+22	2,373641E+22	2,264097E+22	2,264092E+22	2,373618E+22	2,493304E+22
-2458	2,529344E+22	2,472125E+22	2,398689E+22	2,398682E+22	2,472149E+22	2,529403E+22	2,493356E+22	2,373663E+22	2,264139E+22	2,264138E+22	2,373667E+22	2,493398E+22
-2457	2,529464E+22	2,472182E+22	2,398698E+22	2,398694E+22	2,472166E+22	2,529420E+22	2,493375E+22	2,373692E+22	2,264181E+22	2,264175E+22	2,373652E+22	2,493294E+22
-2456	2,529332E+22	2,472083E+22	2,398625E+22	2,398649E+22	2,472138E+22	2,529391E+22	2,493359E+22	2,373697E+22	2,264192E+22	2,264177E+22	2,373657E+22	2,493322E+22
-2455	2,529408E+22	2,472225E+22	2,398779E+22	2,398754E+22	2,472187E+22	2,529402E+22	2,493344E+22	2,373684E+22	2,264204E+22	2,264222E+22	2,373740E+22	2,493418E+22
-2454	2,529434E+22	2,472168E+22	2,398710E+22	2,398707E+22	2,472163E+22	2,529402E+22	2,493359E+22	2,373700E+22	2,264217E+22	2,264221E+22	2,373696E+22	2,493323E+22
-2453	2,529333E+22	2,472092E+22	2,398682E+22	2,398714E+22	2,472171E+22	2,529402E+22	2,493365E+22	2,373699E+22	2,264196E+22	2,264193E+22	2,373695E+22	2,493391E+22
-2452	2,529483E+22	2,472255E+22	2,398782E+22	2,398774E+22	2,472225E+22	2,529443E+22	2,493370E+22	2,373686E+22	2,264191E+22	2,264207E+22	2,373719E+22	2,493379E+22
-2451	2,529409E+22	2,472168E+22	2,398692E+22	2,398663E+22	2,472132E+22	2,529405E+22	2,493382E+22	2,373710E+22	2,264191E+22	2,264166E+22	2,373639E+22	2,493293E+22
-2450	2,529345E+22	2,472149E+22	2,398745E+22	2,398737E+22	2,472160E+22	2,529385E+22	2,493352E+22	2,373701E+22	2,264207E+22	2,264197E+22	2,373676E+22	2,493365E+22
-2449	2,529455E+22	2,472212E+22	2,398749E+22	2,398755E+22	2,472204E+22	2,529418E+22	2,493350E+22	2,373679E+22	2,264195E+22	2,264209E+22	2,373692E+22	2,493307E+22
-2448	2,529317E+22	2,472065E+22	2,398611E+22	2,398645E+22	2,472150E+22	2,529404E+22	2,493350E+22	2,373661E+22	2,264145E+22	2,264141E+22	2,373647E+22	2,493317E+22
-2447	2,529366E+22	2,472150E+22	2,398709E+22	2,398702E+22	2,472163E+22	2,529407E+22	2,493348E+22	2,373651E+22	2,264131E+22	2,264141E+22	2,373692E+22	2,493423E+22
-2446	2,529456E+22	2,472145E+22	2,398650E+22	2,398641E+22	2,472118E+22	2,529386E+22	2,493347E+22	2,373657E+22	2,264132E+22	2,264130E+22	2,373635E+22	2,493298E+22
-2445	2,529333E+22	2,472061E+22	2,398593E+22	2,398609E+22	2,472095E+22	2,529368E+22	2,493344E+22	2,373652E+22	2,264108E+22	2,264091E+22	2,373606E+22	2,493318E+22
-2444	2,529431E+22	2,472219E+22	2,398729E+22	2,398701E+22	2,472158E+22	2,529392E+22	2,493325E+22	2,373628E+22	2,264114E+22	2,264130E+22	2,373667E+22	2,493352E+22
-2443	2,529387E+22	2,472138E+22	2,398655E+22	2,398628E+22	2,472102E+22	2,529370E+22	2,493327E+22	2,373634E+22	2,264112E+22	2,264107E+22	2,373609E+22	2,493275E+22
-2442	2,529303E+22	2,472068E+22	2,398661E+22	2,398685E+22	2,472146E+22	2,529381E+22	2,493323E+22	2,373638E+22	2,264128E+22	2,264133E+22	2,373644E+22	2,493351E+22
-2441	2,529443E+22	2,472183E+22	2,398703E+22	2,398721E+22	2,472200E+22	2,529432E+22	2,493354E+22	2,373651E+22	2,264142E+22	2,264163E+22	2,373685E+22	2,493338E+22
-2440	2,529354E+22	2,472081E+22	2,398598E+22	2,398621E+22	2,472138E+22	2,529415E+22	2,493374E+22	2,373680E+22	2,264144E+22	2,264124E+22	2,373623E+22	2,493301E+22
-2439	2,529360E+22	2,472157E+22	2,398724E+22	2,398705E+22	2,472148E+22	2,529400E+22	2,493372E+22	2,373707E+22	2,264196E+22	2,264183E+22	2,373689E+22	2,493399E+22
-2438	2,529465E+22	2,472203E+22	2,398737E+22	2,398719E+22	2,472151E+22	2,529382E+22	2,493352E+22	2,373710E+22	2,264235E+22	2,264242E+22	2,373707E+22	2,493313E+22
-2437	2,529330E+22	2,472094E+22	2,398666E+22	2,398691E+22	2,472150E+22	2,529385E+22	2,493355E+22	2,373707E+22	2,264222E+22	2,264218E+22	2,373690E+22	2,493336E+22
-2436	2,529409E+22	2,472227E+22	2,398797E+22	2,398790E+22	2,472221E+22	2,529423E+22	2,493353E+22	2,373694E+22	2,264230E+22	2,264259E+22	2,373767E+22	2,493426E+22
-2435	2,529448E+22	2,472201E+22	2,398743E+22	2,398727E+22	2,472170E+22	2,529406E+22	2,493363E+22	2,373706E+22	2,264225E+22	2,264229E+22	2,373703E+22	2,493336E+22
-2434	2,529360E+22	2,472128E+22	2,398721E+22	2,398743E+22	2,472182E+22	2,529406E+22	2,493370E+22	2,373723E+22	2,264236E+22	2,264220E+22	2,373688E+22	2,493362E+22
-2433	2,529469E+22	2,472270E+22	2,398811E+22	2,398796E+22	2,472225E+22	2,529435E+22	2,493382E+22	2,373728E+22	2,264249E+22	2,264253E+22	2,373734E+22	2,493365E+22
-2432	2,529386E+22	2,472159E+22	2,398717E+22	2,398718E+22	2,472170E+22	2,529407E+22	2,493375E+22	2,373722E+22	2,264227E+22	2,264204E+22	2,373656E+22	2,493286E+22
-2431	2,529330E+22	2,472144E+22	2,398757E+22	2,398767E+22	2,472190E+22	2,529405E+22	2,493362E+22	2,373713E+22	2,264230E+22	2,264226E+22	2,373711E+22	2,493384E+22
-2430	2,529447E+22	2,472199E+22	2,398743E+22	2,398752E+22	2,472197E+22	2,529412E+22	2,493351E+22	2,373686E+22	2,264214E+22	2,264242E+22	2,373736E+22	2,493345E+22
-2429	2,529336E+22	2,472072E+22	2,398615E+22	2,398646E+22	2,472140E+22	2,529405E+22	2,493372E+22	2,373686E+22	2,264163E+22	2,264149E+22	2,373649E+22	2,493324E+22
-2428	2,529386E+22	2,472174E+22	2,398720E+22	2,398706E+22	2,472161E+22	2,529406E+22	2,493359E+22	2,373681E+22	2,264170E+22	2,264169E+22	2,373693E+22	2,493404E+22
-2427	2,529463E+22	2,472196E+22	2,398701E+22	2,398663E+22	2,472104E+22	2,529357E+22	2,493330E+22	2,373663E+22	2,264159E+22	2,264156E+22	2,373644E+22	2,493293E+22
-2426	2,529333E+22	2,472083E+22	2,398643E+22	2,398664E+22	2,472118E+22	2,529354E+22	2,493318E+22	2,373654E+22	2,264149E+22	2,264138E+22	2,373624E+22	2,493298E+22
-2425	2,529399E+22	2,472207E+22	2,398747E+22	2,398738E+22	2,472188E+22	2,529404E+22	2,493328E+22	2,373644E+22	2,264151E+22	2,264176E+22	2,373708E+22	2,493370E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2424	2,529377E+22	2,472119E+22	2,398660E+22	2,398670E+22	2,472147E+22	2,529397E+22	2,493339E+22	2,373642E+22	2,264126E+22	2,264125E+22	2,373625E+22	2,493289E+22
-2423	2,529320E+22	2,472079E+22	2,398666E+22	2,398697E+22	2,472162E+22	2,529406E+22	2,493360E+22	2,373677E+22	2,264159E+22	2,264148E+22	2,373656E+22	2,493361E+22
-2422	2,529455E+22	2,472208E+22	2,398722E+22	2,398719E+22	2,472177E+22	2,529412E+22	2,493362E+22	2,373692E+22	2,264198E+22	2,264209E+22	2,373710E+22	2,493346E+22
-2421	2,529364E+22	2,472112E+22	2,398644E+22	2,398648E+22	2,472125E+22	2,529396E+22	2,493383E+22	2,373719E+22	2,264204E+22	2,264171E+22	2,373636E+22	2,493285E+22
-2420	2,529349E+22	2,472172E+22	2,398763E+22	2,398754E+22	2,472175E+22	2,529397E+22	2,493366E+22	2,373731E+22	2,264256E+22	2,264251E+22	2,373729E+22	2,493395E+22
-2419	2,529457E+22	2,472232E+22	2,398782E+22	2,398761E+22	2,472173E+22	2,529379E+22	2,493335E+22	2,373704E+22	2,264256E+22	2,264282E+22	2,373751E+22	2,493346E+22
-2418	2,529342E+22	2,472106E+22	2,398697E+22	2,398735E+22	2,472182E+22	2,529398E+22	2,493354E+22	2,373714E+22	2,264250E+22	2,264251E+22	2,373711E+22	2,493345E+22
-2417	2,529414E+22	2,472233E+22	2,398810E+22	2,398810E+22	2,472239E+22	2,529440E+22	2,493378E+22	2,373731E+22	2,264269E+22	2,264288E+22	2,373786E+22	2,493440E+22
-2416	2,529461E+22	2,472215E+22	2,398765E+22	2,398760E+22	2,472193E+22	2,529413E+22	2,493374E+22	2,373730E+22	2,264257E+22	2,264246E+22	2,373693E+22	2,493317E+22
-2415	2,529360E+22	2,472154E+22	2,398755E+22	2,398772E+22	2,472192E+22	2,529410E+22	2,493386E+22	2,373759E+22	2,264280E+22	2,264254E+22	2,373701E+22	2,493348E+22
-2414	2,529441E+22	2,472269E+22	2,398834E+22	2,398819E+22	2,472223E+22	2,529411E+22	2,493365E+22	2,373745E+22	2,264297E+22	2,264310E+22	2,373779E+22	2,493379E+22
-2413	2,529371E+22	2,472146E+22	2,398723E+22	2,398734E+22	2,472179E+22	2,529411E+22	2,493380E+22	2,373733E+22	2,264252E+22	2,264235E+22	2,373683E+22	2,493301E+22
-2412	2,529329E+22	2,472132E+22	2,398747E+22	2,398772E+22	2,472205E+22	2,529420E+22	2,493375E+22	2,373727E+22	2,264253E+22	2,264255E+22	2,373736E+22	2,493400E+22
-2411	2,529469E+22	2,472233E+22	2,398756E+22	2,398744E+22	2,472177E+22	2,529395E+22	2,493344E+22	2,373689E+22	2,264218E+22	2,264244E+22	2,373743E+22	2,493366E+22
-2410	2,529368E+22	2,472116E+22	2,398653E+22	2,398663E+22	2,472132E+22	2,529384E+22	2,493355E+22	2,373698E+22	2,264197E+22	2,264169E+22	2,373638E+22	2,493301E+22
-2409	2,529379E+22	2,472200E+22	2,398762E+22	2,398738E+22	2,472165E+22	2,529389E+22	2,493351E+22	2,373702E+22	2,264214E+22	2,264208E+22	2,373707E+22	2,493394E+22
-2408	2,529446E+22	2,472197E+22	2,398739E+22	2,398731E+22	2,472152E+22	2,529362E+22	2,493316E+22	2,373662E+22	2,264181E+22	2,264181E+22	2,373652E+22	2,493284E+22
-2407	2,529321E+22	2,472090E+22	2,398668E+22	2,398709E+22	2,472165E+22	2,529389E+22	2,493340E+22	2,373673E+22	2,264171E+22	2,264163E+22	2,373653E+22	2,493310E+22
-2406	2,529381E+22	2,472195E+22	2,398751E+22	2,398752E+22	2,472199E+22	2,529414E+22	2,493347E+22	2,373675E+22	2,264188E+22	2,264212E+22	2,373739E+22	2,493395E+22
-2405	2,529389E+22	2,472124E+22	2,398666E+22	2,398675E+22	2,472152E+22	2,529415E+22	2,493380E+22	2,373691E+22	2,264173E+22	2,264153E+22	2,373631E+22	2,493288E+22
-2404	2,529329E+22	2,472101E+22	2,398681E+22	2,398704E+22	2,472162E+22	2,529410E+22	2,493383E+22	2,373729E+22	2,264228E+22	2,264206E+22	2,373675E+22	2,493347E+22
-2403	2,529452E+22	2,472249E+22	2,398769E+22	2,398741E+22	2,472161E+22	2,529378E+22	2,493344E+22	2,373710E+22	2,264249E+22	2,264266E+22	2,373749E+22	2,493362E+22
-2402	2,529368E+22	2,472136E+22	2,398694E+22	2,398702E+22	2,472146E+22	2,529372E+22	2,493346E+22	2,373723E+22	2,264259E+22	2,264239E+22	2,373677E+22	2,493293E+22
-2401	2,529338E+22	2,472171E+22	2,398782E+22	2,398787E+22	2,472202E+22	2,529399E+22	2,493355E+22	2,373735E+22	2,264289E+22	2,264300E+22	2,373778E+22	2,493430E+22
-2400	2,529466E+22	2,472229E+22	2,398799E+22	2,398807E+22	2,472214E+22	2,529396E+22	2,493338E+22	2,373703E+22	2,264261E+22	2,264290E+22	2,373758E+22	2,493364E+22
-2399	2,529374E+22	2,472142E+22	2,398724E+22	2,398759E+22	2,472202E+22	2,529420E+22	2,493383E+22	2,373745E+22	2,264267E+22	2,264252E+22	2,373709E+22	2,493343E+22
-2398	2,529414E+22	2,472258E+22	2,398841E+22	2,398822E+22	2,472228E+22	2,529427E+22	2,493388E+22	2,373768E+22	2,264317E+22	2,264318E+22	2,373790E+22	2,493430E+22
-2397	2,529455E+22	2,472234E+22	2,398806E+22	2,398792E+22	2,472202E+22	2,529417E+22	2,493392E+22	2,373765E+22	2,264307E+22	2,264284E+22	2,373696E+22	2,493291E+22
-2396	2,529335E+22	2,472153E+22	2,398774E+22	2,398805E+22	2,472222E+22	2,529422E+22	2,493393E+22	2,373785E+22	2,264334E+22	2,264314E+22	2,373733E+22	2,493338E+22
-2395	2,529420E+22	2,472274E+22	2,398849E+22	2,398834E+22	2,472232E+22	2,529410E+22	2,493358E+22	2,373743E+22	2,264315E+22	2,264344E+22	2,373818E+22	2,493415E+22
-2394	2,529385E+22	2,472150E+22	2,398734E+22	2,398751E+22	2,472188E+22	2,529406E+22	2,493371E+22	2,373744E+22	2,264285E+22	2,264265E+22	2,373698E+22	2,493314E+22
-2393	2,529340E+22	2,472140E+22	2,398747E+22	2,398769E+22	2,472199E+22	2,529414E+22	2,493382E+22	2,373755E+22	2,264288E+22	2,264281E+22	2,373750E+22	2,493415E+22
-2392	2,529485E+22	2,472253E+22	2,398786E+22	2,398772E+22	2,472183E+22	2,529383E+22	2,493337E+22	2,373700E+22	2,264242E+22	2,264258E+22	2,373733E+22	2,493353E+22
-2391	2,529375E+22	2,472153E+22	2,398703E+22	2,398703E+22	2,472144E+22	2,529379E+22	2,493356E+22	2,373715E+22	2,264223E+22	2,264196E+22	2,373652E+22	2,493288E+22
-2390	2,529349E+22	2,472199E+22	2,398792E+22	2,398775E+22	2,472182E+22	2,529378E+22	2,493334E+22	2,373708E+22	2,264249E+22	2,264253E+22	2,373741E+22	2,493407E+22
-2389	2,529434E+22	2,472188E+22	2,398752E+22	2,398757E+22	2,472186E+22	2,529393E+22	2,493333E+22	2,373671E+22	2,264202E+22	2,264207E+22	2,373668E+22	2,493289E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2388	2,529317E+22	2,472083E+22	2,398664E+22	2,398720E+22	2,472192E+22	2,529421E+22	2,493371E+22	2,373706E+22	2,264210E+22	2,264199E+22	2,373671E+22	2,493315E+22
-2387	2,529391E+22	2,472220E+22	2,398764E+22	2,398750E+22	2,472188E+22	2,529406E+22	2,493357E+22	2,373702E+22	2,264223E+22	2,264239E+22	2,373753E+22	2,493412E+22
-2386	2,529409E+22	2,472157E+22	2,398702E+22	2,398694E+22	2,472144E+22	2,529390E+22	2,493367E+22	2,373725E+22	2,264240E+22	2,264204E+22	2,373640E+22	2,493275E+22
-2385	2,529318E+22	2,472118E+22	2,398718E+22	2,398735E+22	2,472165E+22	2,529390E+22	2,493374E+22	2,373756E+22	2,264290E+22	2,264272E+22	2,373717E+22	2,493360E+22
-2384	2,529446E+22	2,472253E+22	2,398808E+22	2,398800E+22	2,472196E+22	2,529373E+22	2,493321E+22	2,373703E+22	2,264273E+22	2,264306E+22	2,373777E+22	2,493375E+22
-2383	2,529374E+22	2,472156E+22	2,398729E+22	2,398745E+22	2,472184E+22	2,529396E+22	2,493356E+22	2,373728E+22	2,264270E+22	2,264265E+22	2,373712E+22	2,493316E+22
-2382	2,529339E+22	2,472178E+22	2,398802E+22	2,398811E+22	2,472217E+22	2,529407E+22	2,493365E+22	2,373755E+22	2,264317E+22	2,264326E+22	2,373799E+22	2,493454E+22
-2381	2,529491E+22	2,472252E+22	2,398818E+22	2,398820E+22	2,472229E+22	2,529422E+22	2,493373E+22	2,373742E+22	2,264299E+22	2,264306E+22	2,373745E+22	2,493346E+22
-2380	2,529378E+22	2,472172E+22	2,398756E+22	2,398779E+22	2,472213E+22	2,529433E+22	2,493412E+22	2,373797E+22	2,264333E+22	2,264301E+22	2,373712E+22	2,493313E+22
-2379	2,529395E+22	2,472283E+22	2,398885E+22	2,398851E+22	2,472222E+22	2,529403E+22	2,493378E+22	2,373792E+22	2,264368E+22	2,264371E+22	2,373816E+22	2,493429E+22
-2378	2,529440E+22	2,472235E+22	2,398837E+22	2,398834E+22	2,472222E+22	2,529401E+22	2,493365E+22	2,373778E+22	2,264363E+22	2,264347E+22	2,373733E+22	2,493295E+22
-2377	2,529314E+22	2,472136E+22	2,398773E+22	2,398815E+22	2,472237E+22	2,529428E+22	2,493391E+22	2,373793E+22	2,264366E+22	2,264362E+22	2,373782E+22	2,493376E+22
-2376	2,529431E+22	2,472263E+22	2,398852E+22	2,398851E+22	2,472245E+22	2,529413E+22	2,493355E+22	2,373741E+22	2,264318E+22	2,264351E+22	2,373825E+22	2,493436E+22
-2375	2,529423E+22	2,472188E+22	2,398759E+22	2,398760E+22	2,472188E+22	2,529408E+22	2,493381E+22	2,373760E+22	2,264295E+22	2,264271E+22	2,373702E+22	2,493316E+22
-2374	2,529347E+22	2,472169E+22	2,398785E+22	2,398784E+22	2,472185E+22	2,529387E+22	2,493369E+22	2,373770E+22	2,264322E+22	2,264307E+22	2,373754E+22	2,493410E+22
-2373	2,529486E+22	2,472274E+22	2,398829E+22	2,398810E+22	2,472205E+22	2,529390E+22	2,493341E+22	2,373713E+22	2,264272E+22	2,264285E+22	2,373732E+22	2,493328E+22
-2372	2,529354E+22	2,472157E+22	2,398732E+22	2,398747E+22	2,472190E+22	2,529407E+22	2,493369E+22	2,373733E+22	2,264260E+22	2,264240E+22	2,373674E+22	2,493277E+22
-2371	2,529326E+22	2,472195E+22	2,398808E+22	2,398797E+22	2,472202E+22	2,529395E+22	2,493345E+22	2,373716E+22	2,264266E+22	2,264280E+22	2,373767E+22	2,493430E+22
-2370	2,529441E+22	2,472189E+22	2,398763E+22	2,398776E+22	2,472204E+22	2,529403E+22	2,493344E+22	2,373704E+22	2,264249E+22	2,264243E+22	2,373682E+22	2,493295E+22
-2369	2,529323E+22	2,472088E+22	2,398662E+22	2,398709E+22	2,472185E+22	2,529423E+22	2,493391E+22	2,373749E+22	2,264266E+22	2,264245E+22	2,373693E+22	2,493325E+22
-2368	2,529397E+22	2,472230E+22	2,398792E+22	2,398770E+22	2,472182E+22	2,529389E+22	2,493352E+22	2,373725E+22	2,264268E+22	2,264277E+22	2,373762E+22	2,493409E+22
-2367	2,529419E+22	2,472191E+22	2,398753E+22	2,398734E+22	2,472150E+22	2,529372E+22	2,493356E+22	2,373741E+22	2,264278E+22	2,264256E+22	2,373681E+22	2,493281E+22
-2366	2,529301E+22	2,472119E+22	2,398751E+22	2,398770E+22	2,472177E+22	2,529370E+22	2,493345E+22	2,373754E+22	2,264325E+22	2,264325E+22	2,373765E+22	2,493392E+22
-2365	2,529456E+22	2,472258E+22	2,398830E+22	2,398827E+22	2,472229E+22	2,529402E+22	2,493332E+22	2,373704E+22	2,264288E+22	2,264329E+22	2,373794E+22	2,493388E+22
-2364	2,529390E+22	2,472176E+22	2,398753E+22	2,398769E+22	2,472211E+22	2,529426E+22	2,493385E+22	2,373757E+22	2,264301E+22	2,264289E+22	2,373715E+22	2,493312E+22
-2363	2,529356E+22	2,472217E+22	2,398837E+22	2,398825E+22	2,472216E+22	2,529405E+22	2,493377E+22	2,373783E+22	2,264351E+22	2,264346E+22	2,373795E+22	2,493448E+22
-2362	2,529502E+22	2,472289E+22	2,398872E+22	2,398859E+22	2,472238E+22	2,529407E+22	2,493368E+22	2,373783E+22	2,264370E+22	2,264355E+22	2,373745E+22	2,493315E+22
-2361	2,529351E+22	2,472174E+22	2,398790E+22	2,398815E+22	2,472232E+22	2,529431E+22	2,493415E+22	2,373832E+22	2,264400E+22	2,264370E+22	2,373752E+22	2,493315E+22
-2360	2,529368E+22	2,472260E+22	2,398910E+22	2,398900E+22	2,472257E+22	2,529410E+22	2,493371E+22	2,373797E+22	2,264398E+22	2,264415E+22	2,373849E+22	2,493444E+22
-2359	2,529442E+22	2,472237E+22	2,398855E+22	2,398859E+22	2,472245E+22	2,529420E+22	2,493380E+22	2,373788E+22	2,264376E+22	2,264380E+22	2,373778E+22	2,493325E+22
-2358	2,529320E+22	2,472131E+22	2,398775E+22	2,398818E+22	2,472232E+22	2,529422E+22	2,493394E+22	2,373809E+22	2,264390E+22	2,264389E+22	2,373808E+22	2,493409E+22
-2357	2,529467E+22	2,472289E+22	2,398864E+22	2,398845E+22	2,472243E+22	2,529426E+22	2,493372E+22	2,373760E+22	2,264342E+22	2,264364E+22	2,373816E+22	2,493423E+22
-2356	2,529435E+22	2,472224E+22	2,398800E+22	2,398780E+22	2,472191E+22	2,529408E+22	2,493391E+22	2,373788E+22	2,264338E+22	2,264306E+22	2,373702E+22	2,493291E+22
-2355	2,529339E+22	2,472195E+22	2,398831E+22	2,398820E+22	2,472190E+22	2,529367E+22	2,493350E+22	2,373773E+22	2,264348E+22	2,264341E+22	2,373772E+22	2,493408E+22
-2354	2,529476E+22	2,472274E+22	2,398857E+22	2,398853E+22	2,472236E+22	2,529386E+22	2,493320E+22	2,373719E+22	2,264309E+22	2,264323E+22	2,373751E+22	2,493324E+22
-2353	2,529334E+22	2,472136E+22	2,398731E+22	2,398758E+22	2,472213E+22	2,529431E+22	2,493386E+22	2,373751E+22	2,264287E+22	2,264276E+22	2,373708E+22	2,493303E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \ominus	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2352	2,529330E+22	2,472177E+22	2,398810E+22	2,398809E+22	2,472209E+22	2,529404E+22	2,493359E+22	2,373733E+22	2,264281E+22	2,264289E+22	2,373767E+22	2,493432E+22
-2351	2,529463E+22	2,472218E+22	2,398787E+22	2,398780E+22	2,472195E+22	2,529402E+22	2,493362E+22	2,373734E+22	2,264277E+22	2,264269E+22	2,373697E+22	2,493291E+22
-2350	2,529320E+22	2,472108E+22	2,398698E+22	2,398723E+22	2,472165E+22	2,529390E+22	2,493376E+22	2,373773E+22	2,264319E+22	2,264297E+22	2,373718E+22	2,493330E+22
-2349	2,529406E+22	2,472250E+22	2,398828E+22	2,398799E+22	2,472198E+22	2,529390E+22	2,493344E+22	2,373734E+22	2,264308E+22	2,264324E+22	2,373782E+22	2,493399E+22
-2348	2,529414E+22	2,472206E+22	2,398792E+22	2,398780E+22	2,472189E+22	2,529390E+22	2,493359E+22	2,373753E+22	2,264316E+22	2,264306E+22	2,373713E+22	2,493288E+22
-2347	2,529304E+22	2,472134E+22	2,398784E+22	2,398805E+22	2,472197E+22	2,529377E+22	2,493346E+22	2,373758E+22	2,264340E+22	2,264350E+22	2,373789E+22	2,493417E+22
-2346	2,529478E+22	2,472277E+22	2,398862E+22	2,398864E+22	2,472253E+22	2,529409E+22	2,493343E+22	2,373740E+22	2,264335E+22	2,264357E+22	2,373797E+22	2,493381E+22
-2345	2,529394E+22	2,472194E+22	2,398779E+22	2,398785E+22	2,472223E+22	2,529442E+22	2,493415E+22	2,373806E+22	2,264361E+22	2,264336E+22	2,373732E+22	2,493306E+22
-2344	2,529345E+22	2,472222E+22	2,398881E+22	2,398867E+22	2,472225E+22	2,529401E+22	2,493385E+22	2,373815E+22	2,264403E+22	2,264392E+22	2,373804E+22	2,493426E+22
-2343	2,529490E+22	2,472306E+22	2,398918E+22	2,398906E+22	2,472260E+22	2,529407E+22	2,493370E+22	2,373804E+22	2,264414E+22	2,264418E+22	2,373797E+22	2,493321E+22
-2342	2,529325E+22	2,472157E+22	2,398802E+22	2,398839E+22	2,472243E+22	2,529422E+22	2,493400E+22	2,373839E+22	2,264441E+22	2,264430E+22	2,373809E+22	2,493354E+22
-2341	2,529384E+22	2,472253E+22	2,398903E+22	2,398901E+22	2,472275E+22	2,529437E+22	2,493385E+22	2,373802E+22	2,264414E+22	2,264439E+22	2,373872E+22	2,493465E+22
-2340	2,529471E+22	2,472259E+22	2,398868E+22	2,398865E+22	2,472250E+22	2,529431E+22	2,493400E+22	2,373814E+22	2,264401E+22	2,264398E+22	2,373784E+22	2,493331E+22
-2339	2,529350E+22	2,472171E+22	2,398807E+22	2,398824E+22	2,472212E+22	2,529399E+22	2,493387E+22	2,373820E+22	2,264408E+22	2,264398E+22	2,373805E+22	2,493406E+22
-2338	2,529485E+22	2,472329E+22	2,398919E+22	2,398886E+22	2,472246E+22	2,529398E+22	2,493354E+22	2,373782E+22	2,264388E+22	2,264394E+22	2,373812E+22	2,493393E+22
-2337	2,529413E+22	2,472232E+22	2,398836E+22	2,398820E+22	2,472215E+22	2,529411E+22	2,493388E+22	2,373801E+22	2,264374E+22	2,264350E+22	2,373727E+22	2,493283E+22
-2336	2,529308E+22	2,472172E+22	2,398854E+22	2,398866E+22	2,472225E+22	2,529385E+22	2,493351E+22	2,373772E+22	2,264360E+22	2,264361E+22	2,373785E+22	2,493403E+22
-2335	2,529470E+22	2,472273E+22	2,398873E+22	2,398880E+22	2,472263E+22	2,529414E+22	2,493346E+22	2,373735E+22	2,264320E+22	2,264346E+22	2,373781E+22	2,493337E+22
-2334	2,529330E+22	2,472123E+22	2,398723E+22	2,398754E+22	2,472204E+22	2,529429E+22	2,493401E+22	2,373784E+22	2,264327E+22	2,264308E+22	2,373730E+22	2,493324E+22
-2333	2,529355E+22	2,472190E+22	2,398809E+22	2,398796E+22	2,472202E+22	2,529415E+22	2,493380E+22	2,373767E+22	2,264325E+22	2,264321E+22	2,373771E+22	2,493417E+22
-2332	2,529469E+22	2,472247E+22	2,398826E+22	2,398800E+22	2,472187E+22	2,529387E+22	2,493367E+22	2,373769E+22	2,264335E+22	2,264325E+22	2,373720E+22	2,493281E+22
-2331	2,529316E+22	2,472128E+22	2,398741E+22	2,398761E+22	2,472165E+22	2,529358E+22	2,493344E+22	2,373770E+22	2,264351E+22	2,264347E+22	2,373758E+22	2,493347E+22
-2330	2,529412E+22	2,472263E+22	2,398866E+22	2,398848E+22	2,472225E+22	2,529377E+22	2,493317E+22	2,373735E+22	2,264342E+22	2,264367E+22	2,373814E+22	2,493410E+22
-2329	2,529414E+22	2,472207E+22	2,398809E+22	2,398808E+22	2,472218E+22	2,529414E+22	2,493372E+22	2,373766E+22	2,264340E+22	2,264339E+22	2,373746E+22	2,493312E+22
-2328	2,529316E+22	2,472141E+22	2,398812E+22	2,398839E+22	2,472217E+22	2,529393E+22	2,493366E+22	2,373781E+22	2,264360E+22	2,264358E+22	2,373783E+22	2,493409E+22
-2327	2,529496E+22	2,472317E+22	2,398909E+22	2,398896E+22	2,472266E+22	2,529420E+22	2,493368E+22	2,373778E+22	2,264372E+22	2,264389E+22	2,373809E+22	2,493365E+22
-2326	2,529378E+22	2,472205E+22	2,398819E+22	2,398820E+22	2,472225E+22	2,529429E+22	2,493419E+22	2,373847E+22	2,264427E+22	2,264398E+22	2,373763E+22	2,493308E+22
-2325	2,529341E+22	2,472223E+22	2,398899E+22	2,398896E+22	2,472256E+22	2,529423E+22	2,493395E+22	2,373838E+22	2,264452E+22	2,264449E+22	2,373836E+22	2,493418E+22
-2324	2,529473E+22	2,472306E+22	2,398941E+22	2,398938E+22	2,472289E+22	2,529429E+22	2,493387E+22	2,373829E+22	2,264457E+22	2,264472E+22	2,373840E+22	2,493343E+22
-2323	2,529338E+22	2,472165E+22	2,398816E+22	2,398852E+22	2,472244E+22	2,529418E+22	2,493399E+22	2,373847E+22	2,264461E+22	2,264459E+22	2,373842E+22	2,493391E+22
-2322	2,529422E+22	2,472280E+22	2,398920E+22	2,398912E+22	2,472269E+22	2,529416E+22	2,493381E+22	2,373831E+22	2,264453E+22	2,264459E+22	2,373872E+22	2,493462E+22
-2321	2,529486E+22	2,472289E+22	2,398894E+22	2,398874E+22	2,472244E+22	2,529425E+22	2,493408E+22	2,373843E+22	2,264443E+22	2,264431E+22	2,373794E+22	2,493325E+22
-2320	2,529344E+22	2,472191E+22	2,398861E+22	2,398869E+22	2,472214E+22	2,529378E+22	2,493375E+22	2,373830E+22	2,264433E+22	2,264419E+22	2,373801E+22	2,493379E+22
-2319	2,529468E+22	2,472344E+22	2,398964E+22	2,398938E+22	2,472274E+22	2,529399E+22	2,493346E+22	2,373782E+22	2,264403E+22	2,264429E+22	2,373845E+22	2,493386E+22
-2318	2,529379E+22	2,472209E+22	2,398845E+22	2,398849E+22	2,472238E+22	2,529419E+22	2,493385E+22	2,373805E+22	2,264398E+22	2,264387E+22	2,373764E+22	2,493309E+22
-2317	2,529316E+22	2,472156E+22	2,398833E+22	2,398862E+22	2,472248E+22	2,529423E+22	2,493377E+22	2,373787E+22	2,264375E+22	2,264377E+22	2,373792E+22	2,493401E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2316	2,529477E+22	2,472284E+22	2,398879E+22	2,398881E+22	2,472264E+22	2,529427E+22	2,493375E+22	2,373775E+22	2,264357E+22	2,264368E+22	2,373784E+22	2,493337E+22
-2315	2,529350E+22	2,472152E+22	2,398747E+22	2,398758E+22	2,472179E+22	2,529397E+22	2,493392E+22	2,373806E+22	2,264366E+22	2,264338E+22	2,373742E+22	2,493326E+22
-2314	2,529368E+22	2,472223E+22	2,398853E+22	2,398831E+22	2,472195E+22	2,529374E+22	2,493358E+22	2,373794E+22	2,264382E+22	2,264369E+22	2,373788E+22	2,493403E+22
-2313	2,529454E+22	2,472257E+22	2,398860E+22	2,398842E+22	2,472212E+22	2,529388E+22	2,493359E+22	2,373780E+22	2,264375E+22	2,264380E+22	2,373767E+22	2,493296E+22
-2312	2,529302E+22	2,472124E+22	2,398779E+22	2,398813E+22	2,472199E+22	2,529372E+22	2,493342E+22	2,373766E+22	2,264360E+22	2,264367E+22	2,373780E+22	2,493359E+22
-2311	2,529423E+22	2,472281E+22	2,398899E+22	2,398891E+22	2,472261E+22	2,529406E+22	2,493341E+22	2,373748E+22	2,264352E+22	2,264390E+22	2,373843E+22	2,493425E+22
-2310	2,529420E+22	2,472215E+22	2,398824E+22	2,398827E+22	2,472229E+22	2,529424E+22	2,493395E+22	2,373805E+22	2,264385E+22	2,264372E+22	2,373760E+22	2,493322E+22
-2309	2,529338E+22	2,472165E+22	2,398827E+22	2,398846E+22	2,472231E+22	2,529419E+22	2,493397E+22	2,373828E+22	2,264418E+22	2,264398E+22	2,373783E+22	2,493378E+22
-2308	2,529482E+22	2,472343E+22	2,398957E+22	2,398936E+22	2,472278E+22	2,529419E+22	2,493387E+22	2,373830E+22	2,264446E+22	2,264453E+22	2,373834E+22	2,493356E+22
-2307	2,529366E+22	2,472207E+22	2,398847E+22	2,398855E+22	2,472231E+22	2,529405E+22	2,493399E+22	2,373861E+22	2,264477E+22	2,264459E+22	2,373813E+22	2,493333E+22
-2306	2,529346E+22	2,472225E+22	2,398916E+22	2,398925E+22	2,472268E+22	2,529409E+22	2,493383E+22	2,373856E+22	2,264495E+22	2,264497E+22	2,373877E+22	2,493440E+22
-2305	2,529481E+22	2,472311E+22	2,398945E+22	2,398944E+22	2,472294E+22	2,529436E+22	2,493397E+22	2,373844E+22	2,264482E+22	2,264504E+22	2,373874E+22	2,493372E+22
-2304	2,529355E+22	2,472186E+22	2,398846E+22	2,398870E+22	2,472239E+22	2,529407E+22	2,493397E+22	2,373856E+22	2,264471E+22	2,264459E+22	2,373832E+22	2,493387E+22
-2303	2,529445E+22	2,472332E+22	2,398977E+22	2,398949E+22	2,472274E+22	2,529406E+22	2,493377E+22	2,373841E+22	2,264474E+22	2,264482E+22	2,373879E+22	2,493444E+22
-2302	2,529470E+22	2,472302E+22	2,398936E+22	2,398918E+22	2,472255E+22	2,529407E+22	2,493394E+22	2,373858E+22	2,264484E+22	2,264470E+22	2,373810E+22	2,493319E+22
-2301	2,529334E+22	2,472190E+22	2,398874E+22	2,398904E+22	2,472261E+22	2,529410E+22	2,493381E+22	2,373838E+22	2,264459E+22	2,264449E+22	2,373814E+22	2,493359E+22
-2300	2,529438E+22	2,472337E+22	2,398982E+22	2,398972E+22	2,472310E+22	2,529432E+22	2,493375E+22	2,373808E+22	2,264433E+22	2,264457E+22	2,373863E+22	2,493395E+22
-2299	2,529377E+22	2,472198E+22	2,398841E+22	2,398856E+22	2,472242E+22	2,529422E+22	2,493398E+22	2,373826E+22	2,264422E+22	2,264408E+22	2,373786E+22	2,493333E+22
-2298	2,529340E+22	2,472170E+22	2,398832E+22	2,398859E+22	2,472237E+22	2,529408E+22	2,493388E+22	2,373830E+22	2,264424E+22	2,264406E+22	2,373799E+22	2,493396E+22
-2297	2,529478E+22	2,472303E+22	2,398893E+22	2,398879E+22	2,472249E+22	2,529417E+22	2,493384E+22	2,373810E+22	2,264411E+22	2,264417E+22	2,373811E+22	2,493339E+22
-2296	2,529340E+22	2,472170E+22	2,398795E+22	2,398795E+22	2,472175E+22	2,529366E+22	2,493368E+22	2,373812E+22	2,264398E+22	2,264375E+22	2,373762E+22	2,493323E+22
-2295	2,529366E+22	2,472245E+22	2,398898E+22	2,398882E+22	2,472222E+22	2,529364E+22	2,493333E+22	2,373781E+22	2,264399E+22	2,264414E+22	2,373834E+22	2,493418E+22
-2294	2,529441E+22	2,472251E+22	2,398875E+22	2,398875E+22	2,472237E+22	2,529394E+22	2,493353E+22	2,373781E+22	2,264396E+22	2,264413E+22	2,373804E+22	2,493335E+22
-2293	2,529329E+22	2,472134E+22	2,398779E+22	2,398827E+22	2,472232E+22	2,529412E+22	2,493370E+22	2,373785E+22	2,264376E+22	2,264376E+22	2,373779E+22	2,493353E+22
-2292	2,529431E+22	2,472312E+22	2,398931E+22	2,398915E+22	2,472276E+22	2,529427E+22	2,493381E+22	2,373800E+22	2,264399E+22	2,264408E+22	2,373833E+22	2,493414E+22
-2291	2,529430E+22	2,472248E+22	2,398866E+22	2,398855E+22	2,472225E+22	2,529407E+22	2,493399E+22	2,373843E+22	2,264443E+22	2,264417E+22	2,373773E+22	2,493315E+22
-2290	2,529340E+22	2,472191E+22	2,398867E+22	2,398886E+22	2,472236E+22	2,529392E+22	2,493391E+22	2,373871E+22	2,264490E+22	2,264461E+22	2,373808E+22	2,493359E+22
-2289	2,529449E+22	2,472338E+22	2,398979E+22	2,398973E+22	2,472306E+22	2,529428E+22	2,493390E+22	2,373854E+22	2,264503E+22	2,264522E+22	2,373890E+22	2,493377E+22
-2288	2,529349E+22	2,472204E+22	2,398878E+22	2,398893E+22	2,472249E+22	2,529405E+22	2,493394E+22	2,373866E+22	2,264499E+22	2,264492E+22	2,373846E+22	2,493358E+22
-2287	2,529364E+22	2,472245E+22	2,398941E+22	2,398953E+22	2,472284E+22	2,529413E+22	2,493387E+22	2,373862E+22	2,264512E+22	2,264528E+22	2,373910E+22	2,493461E+22
-2286	2,529494E+22	2,472328E+22	2,398962E+22	2,398956E+22	2,472293E+22	2,529430E+22	2,493402E+22	2,373870E+22	2,264520E+22	2,264534E+22	2,373889E+22	2,493388E+22
-2285	2,529383E+22	2,472223E+22	2,398871E+22	2,398885E+22	2,472252E+22	2,529418E+22	2,493407E+22	2,373878E+22	2,264506E+22	2,264484E+22	2,373825E+22	2,493355E+22
-2284	2,529427E+22	2,472358E+22	2,399031E+22	2,398999E+22	2,472297E+22	2,529407E+22	2,493383E+22	2,373868E+22	2,264518E+22	2,264518E+22	2,373887E+22	2,493433E+22
-2283	2,529454E+22	2,472298E+22	2,398959E+22	2,398958E+22	2,472280E+22	2,529401E+22	2,493375E+22	2,373857E+22	2,264511E+22	2,264508E+22	2,373841E+22	2,493335E+22
-2282	2,529333E+22	2,472185E+22	2,398874E+22	2,398922E+22	2,472279E+22	2,529414E+22	2,493389E+22	2,373860E+22	2,264489E+22	2,264477E+22	2,373833E+22	2,493367E+22
-2281	2,529428E+22	2,472326E+22	2,398972E+22	2,398969E+22	2,472319E+22	2,529452E+22	2,493402E+22	2,373839E+22	2,264463E+22	2,264482E+22	2,373884E+22	2,493412E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-2280	2,529383E+22	2,472213E+22	2,398860E+22	2,398857E+22	2,472225E+22	2,529407E+22	2,493402E+22	2,373850E+22	2,264448E+22	2,264419E+22	2,373781E+22	2,493330E+22
-2279	2,529355E+22	2,472211E+22	2,398875E+22	2,398881E+22	2,472229E+22	2,529386E+22	2,493378E+22	2,373841E+22	2,264458E+22	2,264447E+22	2,373821E+22	2,493390E+22
-2278	2,529464E+22	2,472314E+22	2,398924E+22	2,398910E+22	2,472253E+22	2,529393E+22	2,493364E+22	2,373820E+22	2,264454E+22	2,264469E+22	2,373844E+22	2,493354E+22
-2277	2,529343E+22	2,472179E+22	2,398809E+22	2,398827E+22	2,472219E+22	2,529391E+22	2,493364E+22	2,373810E+22	2,264419E+22	2,264407E+22	2,373781E+22	2,493321E+22
-2276	2,529357E+22	2,472259E+22	2,398934E+22	2,398926E+22	2,472262E+22	2,529394E+22	2,493354E+22	2,373801E+22	2,264423E+22	2,264433E+22	2,373847E+22	2,493439E+22
-2275	2,529458E+22	2,472258E+22	2,398888E+22	2,398897E+22	2,472252E+22	2,529397E+22	2,493362E+22	2,373803E+22	2,264423E+22	2,264432E+22	2,373813E+22	2,493350E+22
-2274	2,529355E+22	2,472166E+22	2,398800E+22	2,398841E+22	2,472232E+22	2,529406E+22	2,493393E+22	2,373842E+22	2,264436E+22	2,264410E+22	2,373778E+22	2,493331E+22
-2273	2,529413E+22	2,472329E+22	2,398965E+22	2,398936E+22	2,472277E+22	2,529426E+22	2,493400E+22	2,373851E+22	2,264470E+22	2,264470E+22	2,373857E+22	2,493399E+22
-2272	2,529398E+22	2,472255E+22	2,398915E+22	2,398898E+22	2,472232E+22	2,529385E+22	2,493384E+22	2,373863E+22	2,264495E+22	2,264474E+22	2,373806E+22	2,493315E+22
-2271	2,529327E+22	2,472200E+22	2,398901E+22	2,398931E+22	2,472266E+22	2,529390E+22	2,493372E+22	2,373865E+22	2,264525E+22	2,264528E+22	2,373870E+22	2,493387E+22
-2270	2,529440E+22	2,472324E+22	2,398980E+22	2,398988E+22	2,472319E+22	2,529431E+22	2,493385E+22	2,373860E+22	2,264533E+22	2,264567E+22	2,373937E+22	2,493428E+22
-2269	2,529388E+22	2,472221E+22	2,398876E+22	2,398898E+22	2,472271E+22	2,529427E+22	2,493406E+22	2,373878E+22	2,264517E+22	2,264506E+22	2,373849E+22	2,493364E+22
-2268	2,529387E+22	2,472291E+22	2,398987E+22	2,398980E+22	2,472291E+22	2,529414E+22	2,493402E+22	2,373895E+22	2,264547E+22	2,264540E+22	2,373899E+22	2,493460E+22
-2267	2,529510E+22	2,472362E+22	2,399009E+22	2,398991E+22	2,472294E+22	2,529407E+22	2,493389E+22	2,373888E+22	2,264559E+22	2,264564E+22	2,373893E+22	2,493379E+22
-2266	2,529384E+22	2,472250E+22	2,398916E+22	2,398932E+22	2,472271E+22	2,529407E+22	2,493406E+22	2,373908E+22	2,264553E+22	2,264526E+22	2,373836E+22	2,493330E+22
-2265	2,529387E+22	2,472346E+22	2,399051E+22	2,399035E+22	2,472336E+22	2,529437E+22	2,493401E+22	2,373889E+22	2,264556E+22	2,264563E+22	2,373918E+22	2,493437E+22
-2264	2,529427E+22	2,472286E+22	2,398978E+22	2,398983E+22	2,472301E+22	2,529418E+22	2,493388E+22	2,373870E+22	2,264528E+22	2,264528E+22	2,373857E+22	2,493350E+22
-2263	2,529345E+22	2,472194E+22	2,398881E+22	2,398929E+22	2,472288E+22	2,529423E+22	2,493401E+22	2,373875E+22	2,264515E+22	2,264510E+22	2,373856E+22	2,493377E+22
-2262	2,529431E+22	2,472328E+22	2,398969E+22	2,398957E+22	2,472303E+22	2,529441E+22	2,493411E+22	2,373874E+22	2,264513E+22	2,264521E+22	2,373901E+22	2,493429E+22
-2261	2,529405E+22	2,472240E+22	2,398877E+22	2,398863E+22	2,472224E+22	2,529398E+22	2,493399E+22	2,373870E+22	2,264490E+22	2,264458E+22	2,373789E+22	2,493313E+22
-2260	2,529342E+22	2,472232E+22	2,398925E+22	2,398924E+22	2,472241E+22	2,529370E+22	2,493364E+22	2,373854E+22	2,264496E+22	2,264485E+22	2,373842E+22	2,493401E+22
-2259	2,529461E+22	2,472315E+22	2,398950E+22	2,398947E+22	2,472273E+22	2,529381E+22	2,493335E+22	2,373807E+22	2,264472E+22	2,264505E+22	2,373879E+22	2,493383E+22
-2258	2,529363E+22	2,472194E+22	2,398827E+22	2,398848E+22	2,472233E+22	2,529395E+22	2,493371E+22	2,373823E+22	2,264435E+22	2,264425E+22	2,373790E+22	2,493323E+22
-2257	2,529354E+22	2,472264E+22	2,398945E+22	2,398940E+22	2,472281E+22	2,529419E+22	2,493384E+22	2,373833E+22	2,264453E+22	2,264453E+22	2,373850E+22	2,493435E+22
-2256	2,529458E+22	2,472286E+22	2,398932E+22	2,398922E+22	2,472255E+22	2,529393E+22	2,493370E+22	2,373832E+22	2,264460E+22	2,264452E+22	2,373805E+22	2,493333E+22
-2255	2,529355E+22	2,472199E+22	2,398851E+22	2,398880E+22	2,472244E+22	2,529396E+22	2,493389E+22	2,373863E+22	2,264491E+22	2,264473E+22	2,373805E+22	2,493318E+22
-2254	2,529381E+22	2,472318E+22	2,398989E+22	2,398971E+22	2,472297E+22	2,529422E+22	2,493396E+22	2,373877E+22	2,264532E+22	2,264542E+22	2,373906E+22	2,493420E+22
-2253	2,529398E+22	2,472252E+22	2,398922E+22	2,398925E+22	2,472272E+22	2,529410E+22	2,493389E+22	2,373874E+22	2,264531E+22	2,264525E+22	2,373844E+22	2,493328E+22
-2252	2,529325E+22	2,472211E+22	2,398931E+22	2,398963E+22	2,472291E+22	2,529409E+22	2,493391E+22	2,373890E+22	2,264556E+22	2,264556E+22	2,373896E+22	2,493427E+22
-2251	2,529472E+22	2,472339E+22	2,398995E+22	2,399000E+22	2,472322E+22	2,529423E+22	2,493385E+22	2,373879E+22	2,264564E+22	2,264595E+22	2,373953E+22	2,493452E+22
-2250	2,529431E+22	2,472270E+22	2,398912E+22	2,398911E+22	2,472261E+22	2,529414E+22	2,493419E+22	2,373920E+22	2,264565E+22	2,264536E+22	2,373845E+22	2,493342E+22
-2249	2,529379E+22	2,472319E+22	2,399035E+22	2,399017E+22	2,472303E+22	2,529414E+22	2,493413E+22	2,373930E+22	2,264602E+22	2,264587E+22	2,373912E+22	2,493438E+22
-2248	2,529483E+22	2,472374E+22	2,399064E+22	2,399044E+22	2,472317E+22	2,529396E+22	2,493374E+22	2,373896E+22	2,264592E+22	2,264603E+22	2,373912E+22	2,493372E+22
-2247	2,529368E+22	2,472252E+22	2,398947E+22	2,398975E+22	2,472309E+22	2,529423E+22	2,493399E+22	2,373902E+22	2,264578E+22	2,264577E+22	2,373879E+22	2,493344E+22
-2246	2,529367E+22	2,472316E+22	2,399040E+22	2,399039E+22	2,472349E+22	2,529455E+22	2,493419E+22	2,373909E+22	2,264584E+22	2,264597E+22	2,373948E+22	2,493467E+22
-2245	2,529450E+22	2,472288E+22	2,398963E+22	2,398973E+22	2,472311E+22	2,529436E+22	2,493409E+22	2,373894E+22	2,264553E+22	2,264545E+22	2,373858E+22	2,493345E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2244	2,529357E+22	2,472229E+22	2,398917E+22	2,398940E+22	2,472279E+22	2,529415E+22	2,493411E+22	2,373910E+22	2,264557E+22	2,264530E+22	2,373855E+22	2,493383E+22
-2243	2,529446E+22	2,472347E+22	2,399000E+22	2,398973E+22	2,472287E+22	2,529401E+22	2,493381E+22	2,373880E+22	2,264551E+22	2,264562E+22	2,373918E+22	2,493430E+22
-2242	2,529416E+22	2,472263E+22	2,398914E+22	2,398897E+22	2,472230E+22	2,529378E+22	2,493384E+22	2,373881E+22	2,264521E+22	2,264498E+22	2,373810E+22	2,493304E+22
-2241	2,529319E+22	2,472230E+22	2,398953E+22	2,398964E+22	2,472276E+22	2,529390E+22	2,493368E+22	2,373858E+22	2,264515E+22	2,264518E+22	2,373870E+22	2,493408E+22
-2240	2,529449E+22	2,472315E+22	2,398980E+22	2,398977E+22	2,472296E+22	2,529394E+22	2,493341E+22	2,373810E+22	2,264478E+22	2,264513E+22	2,373886E+22	2,493392E+22
-2239	2,529380E+22	2,472215E+22	2,398852E+22	2,398872E+22	2,472257E+22	2,529415E+22	2,493385E+22	2,373838E+22	2,264464E+22	2,264458E+22	2,373803E+22	2,493319E+22
-2238	2,529348E+22	2,472266E+22	2,398956E+22	2,398943E+22	2,472280E+22	2,529425E+22	2,493407E+22	2,373878E+22	2,264513E+22	2,264500E+22	2,373862E+22	2,493429E+22
-2237	2,529460E+22	2,472301E+22	2,398954E+22	2,398944E+22	2,472271E+22	2,529397E+22	2,493379E+22	2,373865E+22	2,264518E+22	2,264507E+22	2,373823E+22	2,493315E+22
-2236	2,529334E+22	2,472210E+22	2,398897E+22	2,398926E+22	2,472265E+22	2,529392E+22	2,493385E+22	2,373890E+22	2,264546E+22	2,264528E+22	2,373845E+22	2,493344E+22
-2235	2,529382E+22	2,472305E+22	2,398998E+22	2,398993E+22	2,472310E+22	2,529413E+22	2,493378E+22	2,373878E+22	2,264567E+22	2,264595E+22	2,373956E+22	2,493463E+22
-2234	2,529432E+22	2,472271E+22	2,398939E+22	2,398937E+22	2,472270E+22	2,529409E+22	2,493402E+22	2,373897E+22	2,264558E+22	2,264556E+22	2,373867E+22	2,493344E+22
-2233	2,529342E+22	2,472235E+22	2,398958E+22	2,398980E+22	2,472298E+22	2,529419E+22	2,493412E+22	2,373920E+22	2,264590E+22	2,264581E+22	2,373904E+22	2,493425E+22
-2232	2,529485E+22	2,472387E+22	2,399059E+22	2,399033E+22	2,472320E+22	2,529408E+22	2,493381E+22	2,373899E+22	2,264598E+22	2,264617E+22	2,373947E+22	2,493435E+22
-2231	2,529438E+22	2,472315E+22	2,398983E+22	2,398969E+22	2,472286E+22	2,529408E+22	2,493405E+22	2,373927E+22	2,264610E+22	2,264592E+22	2,373864E+22	2,493319E+22
-2230	2,529346E+22	2,472308E+22	2,399064E+22	2,399062E+22	2,472339E+22	2,529428E+22	2,493418E+22	2,373953E+22	2,264651E+22	2,264644E+22	2,373945E+22	2,493442E+22
-2229	2,529473E+22	2,472365E+22	2,399071E+22	2,399077E+22	2,472367E+22	2,529434E+22	2,493392E+22	2,373912E+22	2,264620E+22	2,264638E+22	2,373936E+22	2,493376E+22
-2228	2,529357E+22	2,472247E+22	2,398963E+22	2,398997E+22	2,472330E+22	2,529446E+22	2,493429E+22	2,373937E+22	2,264610E+22	2,264596E+22	2,373898E+22	2,493374E+22
-2227	2,529386E+22	2,472307E+22	2,399031E+22	2,399031E+22	2,472338E+22	2,529446E+22	2,493425E+22	2,373936E+22	2,264622E+22	2,264629E+22	2,373966E+22	2,493483E+22
-2226	2,529484E+22	2,472324E+22	2,398985E+22	2,398964E+22	2,472276E+22	2,529411E+22	2,493418E+22	2,373930E+22	2,264596E+22	2,264580E+22	2,373865E+22	2,493326E+22
-2225	2,529344E+22	2,472243E+22	2,398953E+22	2,398964E+22	2,472274E+22	2,529396E+22	2,493403E+22	2,373926E+22	2,264598E+22	2,264578E+22	2,373879E+22	2,493371E+22
-2224	2,529428E+22	2,472360E+22	2,399046E+22	2,399016E+22	2,472300E+22	2,529379E+22	2,493345E+22	2,373863E+22	2,264565E+22	2,264593E+22	2,373944E+22	2,493439E+22
-2223	2,529418E+22	2,472273E+22	2,398945E+22	2,398937E+22	2,472264E+22	2,529388E+22	2,493362E+22	2,373854E+22	2,264526E+22	2,264531E+22	2,373841E+22	2,493318E+22
-2222	2,529316E+22	2,472214E+22	2,398951E+22	2,398975E+22	2,472296E+22	2,529415E+22	2,493390E+22	2,373874E+22	2,264530E+22	2,264533E+22	2,373882E+22	2,493423E+22
-2221	2,529474E+22	2,472329E+22	2,398984E+22	2,398987E+22	2,472316E+22	2,529418E+22	2,493369E+22	2,373841E+22	2,264501E+22	2,264519E+22	2,373871E+22	2,493371E+22
-2220	2,529380E+22	2,472246E+22	2,398901E+22	2,398902E+22	2,472261E+22	2,529418E+22	2,493410E+22	2,373886E+22	2,264516E+22	2,264483E+22	2,373803E+22	2,493314E+22
-2219	2,529343E+22	2,472266E+22	2,398983E+22	2,398970E+22	2,472280E+22	2,529405E+22	2,493398E+22	2,373905E+22	2,264573E+22	2,264563E+22	2,373893E+22	2,493427E+22
-2218	2,529459E+22	2,472313E+22	2,398984E+22	2,398972E+22	2,472278E+22	2,529393E+22	2,493385E+22	2,373893E+22	2,264568E+22	2,264569E+22	2,373865E+22	2,493316E+22
-2217	2,529316E+22	2,472205E+22	2,398921E+22	2,398958E+22	2,472291E+22	2,529410E+22	2,493398E+22	2,373910E+22	2,264586E+22	2,264581E+22	2,373890E+22	2,493365E+22
-2216	2,529392E+22	2,472320E+22	2,399028E+22	2,399017E+22	2,472317E+22	2,529409E+22	2,493377E+22	2,373889E+22	2,264589E+22	2,264620E+22	2,373977E+22	2,493485E+22
-2215	2,529469E+22	2,472312E+22	2,398979E+22	2,398967E+22	2,472285E+22	2,529410E+22	2,493399E+22	2,373910E+22	2,264597E+22	2,264598E+22	2,373886E+22	2,493345E+22
-2214	2,529350E+22	2,472259E+22	2,398995E+22	2,399003E+22	2,472301E+22	2,529418E+22	2,493425E+22	2,373958E+22	2,264644E+22	2,264627E+22	2,373920E+22	2,493416E+22
-2213	2,529484E+22	2,472405E+22	2,399099E+22	2,399082E+22	2,472351E+22	2,529412E+22	2,493384E+22	2,373923E+22	2,264643E+22	2,264662E+22	2,373962E+22	2,493412E+22
-2212	2,529411E+22	2,472323E+22	2,399035E+22	2,399032E+22	2,472327E+22	2,529423E+22	2,493411E+22	2,373948E+22	2,264651E+22	2,264633E+22	2,373900E+22	2,493341E+22
-2211	2,529338E+22	2,472280E+22	2,399058E+22	2,399078E+22	2,472358E+22	2,529436E+22	2,493415E+22	2,373959E+22	2,264680E+22	2,264686E+22	2,373982E+22	2,493465E+22
-2210	2,529492E+22	2,472369E+22	2,399068E+22	2,399072E+22	2,472358E+22	2,529442E+22	2,493421E+22	2,373942E+22	2,264645E+22	2,264661E+22	2,373952E+22	2,493382E+22
-2209	2,529365E+22	2,472260E+22	2,398976E+22	2,398999E+22	2,472321E+22	2,529444E+22	2,493447E+22	2,373971E+22	2,264647E+22	2,264622E+22	2,373906E+22	2,493369E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2208	2,529394E+22	2,472342E+22	2,399069E+22	2,399041E+22	2,472313E+22	2,529410E+22	2,493407E+22	2,373948E+22	2,264651E+22	2,264653E+22	2,373970E+22	2,493475E+22
-2207	2,529493E+22	2,472357E+22	2,399036E+22	2,399008E+22	2,472287E+22	2,529389E+22	2,493384E+22	2,373919E+22	2,264628E+22	2,264630E+22	2,373893E+22	2,493319E+22
-2206	2,529325E+22	2,472237E+22	2,398973E+22	2,398997E+22	2,472299E+22	2,529402E+22	2,493396E+22	2,373926E+22	2,264619E+22	2,264613E+22	2,373910E+22	2,493382E+22
-2205	2,529428E+22	2,472356E+22	2,399055E+22	2,399051E+22	2,472343E+22	2,529409E+22	2,493356E+22	2,373864E+22	2,264568E+22	2,264603E+22	2,373954E+22	2,493441E+22
-2204	2,529419E+22	2,472283E+22	2,398974E+22	2,398972E+22	2,472293E+22	2,529416E+22	2,493393E+22	2,373883E+22	2,264544E+22	2,264530E+22	2,373844E+22	2,493336E+22
-2203	2,529333E+22	2,472213E+22	2,398949E+22	2,398975E+22	2,472295E+22	2,529417E+22	2,493406E+22	2,373911E+22	2,264575E+22	2,264562E+22	2,373884E+22	2,493414E+22
-2202	2,529488E+22	2,472362E+22	2,399014E+22	2,398993E+22	2,472295E+22	2,529409E+22	2,493398E+22	2,373894E+22	2,264561E+22	2,264565E+22	2,373880E+22	2,493343E+22
-2201	2,529353E+22	2,472251E+22	2,398940E+22	2,398939E+22	2,472267E+22	2,529407E+22	2,493414E+22	2,373924E+22	2,264582E+22	2,264552E+22	2,373842E+22	2,493305E+22
-2200	2,529322E+22	2,472270E+22	2,399014E+22	2,399005E+22	2,472291E+22	2,529387E+22	2,493374E+22	2,373906E+22	2,264609E+22	2,264619E+22	2,373943E+22	2,493451E+22
-2199	2,529469E+22	2,472325E+22	2,399009E+22	2,399005E+22	2,472302E+22	2,529396E+22	2,493365E+22	2,373881E+22	2,264595E+22	2,264624E+22	2,373916E+22	2,493346E+22
-2198	2,529328E+22	2,472206E+22	2,398928E+22	2,398970E+22	2,472301E+22	2,529422E+22	2,493413E+22	2,373930E+22	2,264613E+22	2,264611E+22	2,373916E+22	2,493392E+22
-2197	2,529431E+22	2,472357E+22	2,399056E+22	2,399046E+22	2,472335E+22	2,529414E+22	2,493387E+22	2,373913E+22	2,264619E+22	2,264637E+22	2,373973E+22	2,493474E+22
-2196	2,529478E+22	2,472359E+22	2,399049E+22	2,399021E+22	2,472302E+22	2,529408E+22	2,493408E+22	2,373943E+22	2,264639E+22	2,264620E+22	2,373889E+22	2,493342E+22
-2195	2,529345E+22	2,472265E+22	2,399031E+22	2,399050E+22	2,472323E+22	2,529412E+22	2,493418E+22	2,373979E+22	2,264695E+22	2,264681E+22	2,373945E+22	2,493407E+22
-2194	2,529475E+22	2,472418E+22	2,399132E+22	2,399116E+22	2,472370E+22	2,529428E+22	2,493407E+22	2,373951E+22	2,264682E+22	2,264706E+22	2,373991E+22	2,493405E+22
-2193	2,529382E+22	2,472306E+22	2,399048E+22	2,399062E+22	2,472356E+22	2,529452E+22	2,493442E+22	2,373981E+22	2,264690E+22	2,264675E+22	2,373931E+22	2,493352E+22
-2192	2,529340E+22	2,472282E+22	2,399062E+22	2,399085E+22	2,472359E+22	2,529436E+22	2,493425E+22	2,373981E+22	2,264708E+22	2,264711E+22	2,374000E+22	2,493481E+22
-2191	2,529518E+22	2,472399E+22	2,399086E+22	2,399077E+22	2,472352E+22	2,529431E+22	2,493412E+22	2,373957E+22	2,264689E+22	2,264703E+22	2,373970E+22	2,493381E+22
-2190	2,529368E+22	2,472276E+22	2,398996E+22	2,399004E+22	2,472304E+22	2,529425E+22	2,493446E+22	2,373998E+22	2,264694E+22	2,264666E+22	2,373927E+22	2,493369E+22
-2189	2,529398E+22	2,472359E+22	2,399102E+22	2,399082E+22	2,472327E+22	2,529388E+22	2,493384E+22	2,373950E+22	2,264678E+22	2,264685E+22	2,373987E+22	2,493466E+22
-2188	2,529477E+22	2,472369E+22	2,399080E+22	2,399064E+22	2,472321E+22	2,529393E+22	2,493373E+22	2,373917E+22	2,264639E+22	2,264646E+22	2,373921E+22	2,493348E+22
-2187	2,529327E+22	2,472222E+22	2,398972E+22	2,399015E+22	2,472318E+22	2,529413E+22	2,493396E+22	2,373925E+22	2,264628E+22	2,264631E+22	2,373928E+22	2,493398E+22
-2186	2,529448E+22	2,472375E+22	2,399065E+22	2,399050E+22	2,472339E+22	2,529427E+22	2,493396E+22	2,373896E+22	2,264584E+22	2,264607E+22	2,373946E+22	2,493426E+22
-2185	2,529415E+22	2,472301E+22	2,398999E+22	2,398991E+22	2,472299E+22	2,529426E+22	2,493423E+22	2,373931E+22	2,264591E+22	2,264557E+22	2,373841E+22	2,493313E+22
-2184	2,529328E+22	2,472240E+22	2,398983E+22	2,398997E+22	2,472286E+22	2,529393E+22	2,493399E+22	2,373937E+22	2,264626E+22	2,264605E+22	2,373897E+22	2,493398E+22
-2183	2,529475E+22	2,472378E+22	2,399055E+22	2,399040E+22	2,472316E+22	2,529395E+22	2,493372E+22	2,373902E+22	2,264618E+22	2,264637E+22	2,373925E+22	2,493346E+22
-2182	2,529331E+22	2,472238E+22	2,398951E+22	2,398968E+22	2,472290E+22	2,529415E+22	2,493416E+22	2,373941E+22	2,264625E+22	2,264611E+22	2,373898E+22	2,493337E+22
-2181	2,529329E+22	2,472266E+22	2,399022E+22	2,399036E+22	2,472318E+22	2,529398E+22	2,493379E+22	2,373916E+22	2,264629E+22	2,264647E+22	2,373974E+22	2,493474E+22
-2180	2,529487E+22	2,472351E+22	2,399044E+22	2,399041E+22	2,472324E+22	2,529411E+22	2,493385E+22	2,373908E+22	2,264619E+22	2,264636E+22	2,373935E+22	2,493381E+22
-2179	2,529361E+22	2,472231E+22	2,398945E+22	2,398979E+22	2,472298E+22	2,529414E+22	2,493418E+22	2,373957E+22	2,264656E+22	2,264642E+22	2,373922E+22	2,493386E+22
-2178	2,529448E+22	2,472403E+22	2,399106E+22	2,399069E+22	2,472326E+22	2,529410E+22	2,493409E+22	2,373953E+22	2,264668E+22	2,264675E+22	2,373978E+22	2,493444E+22
-2177	2,529450E+22	2,472371E+22	2,399102E+22	2,399085E+22	2,472334E+22	2,529410E+22	2,493412E+22	2,373976E+22	2,264698E+22	2,264678E+22	2,373917E+22	2,493328E+22
-2176	2,529323E+22	2,472266E+22	2,399053E+22	2,399087E+22	2,472348E+22	2,529411E+22	2,493407E+22	2,373986E+22	2,264730E+22	2,264728E+22	2,373983E+22	2,493421E+22
-2175	2,529470E+22	2,472419E+22	2,399147E+22	2,399144E+22	2,472396E+22	2,529441E+22	2,493403E+22	2,373958E+22	2,264717E+22	2,264752E+22	2,374026E+22	2,493426E+22
-2174	2,529388E+22	2,472302E+22	2,399043E+22	2,399059E+22	2,472353E+22	2,529459E+22	2,493465E+22	2,374017E+22	2,264728E+22	2,264706E+22	2,373953E+22	2,493370E+22
-2173	2,529364E+22	2,472308E+22	2,399079E+22	2,399096E+22	2,472353E+22	2,529421E+22	2,493428E+22	2,374007E+22	2,264742E+22	2,264732E+22	2,374000E+22	2,493471E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2172	2,529521E+22	2,472440E+22	2,399144E+22	2,399119E+22	2,472357E+22	2,529414E+22	2,493404E+22	2,373977E+22	2,264723E+22	2,264728E+22	2,373985E+22	2,493390E+22
-2171	2,529366E+22	2,472284E+22	2,399021E+22	2,399038E+22	2,472318E+22	2,529408E+22	2,493421E+22	2,373998E+22	2,264727E+22	2,264707E+22	2,373952E+22	2,493370E+22
-2170	2,529397E+22	2,472377E+22	2,399132E+22	2,399111E+22	2,472346E+22	2,529404E+22	2,493397E+22	2,373956E+22	2,264693E+22	2,264707E+22	2,374005E+22	2,493466E+22
-2169	2,529459E+22	2,472362E+22	2,399101E+22	2,399104E+22	2,472357E+22	2,529420E+22	2,493398E+22	2,373941E+22	2,264662E+22	2,264665E+22	2,373930E+22	2,493349E+22
-2168	2,529334E+22	2,472235E+22	2,398978E+22	2,399026E+22	2,472328E+22	2,529420E+22	2,493410E+22	2,373949E+22	2,264654E+22	2,264646E+22	2,373931E+22	2,493396E+22
-2167	2,529455E+22	2,472402E+22	2,399089E+22	2,399065E+22	2,472344E+22	2,529426E+22	2,493398E+22	2,373925E+22	2,264639E+22	2,264650E+22	2,373954E+22	2,493409E+22
-2166	2,529396E+22	2,472304E+22	2,399016E+22	2,399003E+22	2,472294E+22	2,529419E+22	2,493436E+22	2,373973E+22	2,264655E+22	2,264617E+22	2,373872E+22	2,493312E+22
-2165	2,529316E+22	2,472240E+22	2,399003E+22	2,399036E+22	2,472305E+22	2,529378E+22	2,493383E+22	2,373950E+22	2,264669E+22	2,264658E+22	2,373937E+22	2,493408E+22
-2164	2,529462E+22	2,472381E+22	2,399080E+22	2,399079E+22	2,472344E+22	2,529399E+22	2,493362E+22	2,373903E+22	2,264638E+22	2,264668E+22	2,373973E+22	2,493396E+22
-2163	2,529346E+22	2,472231E+22	2,398945E+22	2,398975E+22	2,472297E+22	2,529413E+22	2,493410E+22	2,373943E+22	2,264644E+22	2,264640E+22	2,373927E+22	2,493370E+22
-2162	2,529370E+22	2,472309E+22	2,399049E+22	2,399038E+22	2,472306E+22	2,529400E+22	2,493403E+22	2,373942E+22	2,264649E+22	2,264656E+22	2,373971E+22	2,493470E+22
-2161	2,529495E+22	2,472388E+22	2,399093E+22	2,399078E+22	2,472333E+22	2,529410E+22	2,493400E+22	2,373948E+22	2,264667E+22	2,264663E+22	2,373928E+22	2,493357E+22
-2160	2,529361E+22	2,472275E+22	2,399001E+22	2,399025E+22	2,472308E+22	2,529398E+22	2,493408E+22	2,373979E+22	2,264704E+22	2,264685E+22	2,373932E+22	2,493365E+22
-2159	2,529430E+22	2,472424E+22	2,399158E+22	2,399130E+22	2,472366E+22	2,529412E+22	2,493392E+22	2,373967E+22	2,264726E+22	2,264739E+22	2,374008E+22	2,493433E+22
-2158	2,529418E+22	2,472355E+22	2,399115E+22	2,399119E+22	2,472371E+22	2,529439E+22	2,493435E+22	2,374007E+22	2,264747E+22	2,264735E+22	2,373962E+22	2,493349E+22
-2157	2,529321E+22	2,472256E+22	2,399056E+22	2,399116E+22	2,472375E+22	2,529427E+22	2,493425E+22	2,374012E+22	2,264764E+22	2,264760E+22	2,374008E+22	2,493439E+22
-2156	2,529477E+22	2,472432E+22	2,399165E+22	2,399165E+22	2,472410E+22	2,529451E+22	2,493424E+22	2,373994E+22	2,264751E+22	2,264772E+22	2,374048E+22	2,493458E+22
-2155	2,529411E+22	2,472321E+22	2,399053E+22	2,399055E+22	2,472334E+22	2,529438E+22	2,493463E+22	2,374046E+22	2,264780E+22	2,264751E+22	2,373971E+22	2,493373E+22
-2154	2,529380E+22	2,472350E+22	2,399125E+22	2,399109E+22	2,472331E+22	2,529399E+22	2,493430E+22	2,374030E+22	2,264784E+22	2,264773E+22	2,374015E+22	2,493456E+22
-2153	2,529498E+22	2,472449E+22	2,399190E+22	2,399174E+22	2,472385E+22	2,529408E+22	2,493392E+22	2,373987E+22	2,264761E+22	2,264774E+22	2,374011E+22	2,493389E+22
-2152	2,529360E+22	2,472294E+22	2,399041E+22	2,399069E+22	2,472344E+22	2,529409E+22	2,493401E+22	2,373983E+22	2,264735E+22	2,264732E+22	2,373976E+22	2,493385E+22
-2151	2,529401E+22	2,472384E+22	2,399147E+22	2,399136E+22	2,472376E+22	2,529421E+22	2,493393E+22	2,373957E+22	2,264710E+22	2,264725E+22	2,374013E+22	2,493473E+22
-2150	2,529463E+22	2,472364E+22	2,399101E+22	2,399107E+22	2,472367E+22	2,529439E+22	2,493428E+22	2,373978E+22	2,264695E+22	2,264682E+22	2,373933E+22	2,493352E+22
-2149	2,529342E+22	2,472250E+22	2,398995E+22	2,399042E+22	2,472327E+22	2,529410E+22	2,493418E+22	2,373981E+22	2,264693E+22	2,264669E+22	2,373927E+22	2,493377E+22
-2148	2,529437E+22	2,472418E+22	2,399133E+22	2,399106E+22	2,472358E+22	2,529419E+22	2,493399E+22	2,373952E+22	2,264680E+22	2,264687E+22	2,373980E+22	2,493419E+22
-2147	2,529384E+22	2,472299E+22	2,399025E+22	2,399020E+22	2,472301E+22	2,529405E+22	2,493419E+22	2,373981E+22	2,264699E+22	2,264675E+22	2,373912E+22	2,493327E+22
-2146	2,529316E+22	2,472252E+22	2,399022E+22	2,399043E+22	2,472308E+22	2,529388E+22	2,493395E+22	2,373959E+22	2,264691E+22	2,264692E+22	2,373966E+22	2,493425E+22
-2145	2,529460E+22	2,472384E+22	2,399103E+22	2,399110E+22	2,472367E+22	2,529413E+22	2,493378E+22	2,373928E+22	2,264669E+22	2,264696E+22	2,373988E+22	2,493412E+22
-2144	2,529377E+22	2,472267E+22	2,398965E+22	2,398987E+22	2,472299E+22	2,529405E+22	2,493407E+22	2,373959E+22	2,264674E+22	2,264661E+22	2,373930E+22	2,493372E+22
-2143	2,529390E+22	2,472358E+22	2,399100E+22	2,399071E+22	2,472316E+22	2,529391E+22	2,493394E+22	2,373966E+22	2,264705E+22	2,264697E+22	2,373972E+22	2,493449E+22
-2142	2,529480E+22	2,472405E+22	2,399139E+22	2,399121E+22	2,472350E+22	2,529406E+22	2,493409E+22	2,373987E+22	2,264730E+22	2,264722E+22	2,373954E+22	2,493347E+22
-2141	2,529339E+22	2,472273E+22	2,399039E+22	2,399086E+22	2,472346E+22	2,529398E+22	2,493401E+22	2,373997E+22	2,264751E+22	2,264739E+22	2,373967E+22	2,493367E+22
-2140	2,529402E+22	2,472415E+22	2,399186E+22	2,399179E+22	2,472412E+22	2,529439E+22	2,493404E+22	2,373982E+22	2,264754E+22	2,264779E+22	2,374053E+22	2,493471E+22
-2139	2,529424E+22	2,472343E+22	2,399104E+22	2,399118E+22	2,472379E+22	2,529449E+22	2,493448E+22	2,374031E+22	2,264786E+22	2,264778E+22	2,373994E+22	2,493377E+22
-2138	2,529354E+22	2,472290E+22	2,399073E+22	2,399103E+22	2,472359E+22	2,529432E+22	2,493452E+22	2,374048E+22	2,264801E+22	2,264785E+22	2,374016E+22	2,493441E+22
-2137	2,529485E+22	2,472461E+22	2,399209E+22	2,399192E+22	2,472409E+22	2,529438E+22	2,493429E+22	2,374031E+22	2,264805E+22	2,264812E+22	2,374051E+22	2,493447E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-2136	2,529422E+22	2,472359E+22	2,399099E+22	2,399091E+22	2,472337E+22	2,529409E+22	2,493434E+22	2,374049E+22	2,264816E+22	2,264795E+22	2,373992E+22	2,493371E+22
-2135	2,529376E+22	2,472374E+22	2,399175E+22	2,399164E+22	2,472366E+22	2,529394E+22	2,493399E+22	2,374023E+22	2,264817E+22	2,264817E+22	2,374042E+22	2,493456E+22
-2134	2,529479E+22	2,472437E+22	2,399203E+22	2,399204E+22	2,472420E+22	2,529436E+22	2,493410E+22	2,374001E+22	2,264783E+22	2,264804E+22	2,374038E+22	2,493406E+22
-2133	2,529362E+22	2,472288E+22	2,399053E+22	2,399100E+22	2,472373E+22	2,529430E+22	2,493420E+22	2,374001E+22	2,264750E+22	2,264741E+22	2,373979E+22	2,493390E+22
-2132	2,529404E+22	2,472394E+22	2,399163E+22	2,399152E+22	2,472393E+22	2,529441E+22	2,493420E+22	2,373988E+22	2,264733E+22	2,264733E+22	2,374012E+22	2,493475E+22
-2131	2,529466E+22	2,472371E+22	2,399105E+22	2,399097E+22	2,472350E+22	2,529428E+22	2,493436E+22	2,374013E+22	2,264749E+22	2,264726E+22	2,373943E+22	2,493341E+22
-2130	2,529341E+22	2,472275E+22	2,399028E+22	2,399046E+22	2,472310E+22	2,529395E+22	2,493422E+22	2,374007E+22	2,264741E+22	2,264717E+22	2,373949E+22	2,493366E+22
-2129	2,529408E+22	2,472405E+22	2,399158E+22	2,399143E+22	2,472378E+22	2,529412E+22	2,493388E+22	2,373966E+22	2,264725E+22	2,264741E+22	2,374013E+22	2,493431E+22
-2128	2,529391E+22	2,472304E+22	2,399034E+22	2,399034E+22	2,472310E+22	2,529397E+22	2,493396E+22	2,373968E+22	2,264713E+22	2,264711E+22	2,373950E+22	2,493358E+22
-2127	2,529339E+22	2,472275E+22	2,399047E+22	2,399063E+22	2,472319E+22	2,529383E+22	2,493381E+22	2,373960E+22	2,264713E+22	2,264713E+22	2,373977E+22	2,493436E+22
-2126	2,529477E+22	2,472407E+22	2,399126E+22	2,399122E+22	2,472372E+22	2,529419E+22	2,493396E+22	2,373960E+22	2,264705E+22	2,264720E+22	2,373991E+22	2,493410E+22
-2125	2,529389E+22	2,472301E+22	2,399021E+22	2,399034E+22	2,472313E+22	2,529396E+22	2,493405E+22	2,373983E+22	2,264715E+22	2,264691E+22	2,373926E+22	2,493348E+22
-2124	2,529372E+22	2,472378E+22	2,399161E+22	2,399139E+22	2,472358E+22	2,529402E+22	2,493398E+22	2,373990E+22	2,264746E+22	2,264739E+22	2,373995E+22	2,493446E+22
-2123	2,529459E+22	2,472396E+22	2,399158E+22	2,399157E+22	2,472384E+22	2,529422E+22	2,493413E+22	2,374009E+22	2,264783E+22	2,264786E+22	2,373998E+22	2,493360E+22
-2122	2,529333E+22	2,472277E+22	2,399058E+22	2,399098E+22	2,472364E+22	2,529431E+22	2,493435E+22	2,374027E+22	2,264790E+22	2,264784E+22	2,374002E+22	2,493384E+22
-2121	2,529395E+22	2,472402E+22	2,399199E+22	2,399204E+22	2,472435E+22	2,529462E+22	2,493436E+22	2,374027E+22	2,264806E+22	2,264822E+22	2,374074E+22	2,493488E+22
-2120	2,529457E+22	2,472374E+22	2,399116E+22	2,399115E+22	2,472367E+22	2,529436E+22	2,493449E+22	2,374056E+22	2,264831E+22	2,264821E+22	2,374016E+22	2,493387E+22
-2119	2,529376E+22	2,472335E+22	2,399121E+22	2,399125E+22	2,472349E+22	2,529404E+22	2,493433E+22	2,374070E+22	2,264859E+22	2,264836E+22	2,374033E+22	2,493433E+22
-2118	2,529480E+22	2,472479E+22	2,399251E+22	2,399229E+22	2,472417E+22	2,529424E+22	2,493422E+22	2,374052E+22	2,264856E+22	2,264868E+22	2,374086E+22	2,493452E+22
-2117	2,529415E+22	2,472362E+22	2,399138E+22	2,399146E+22	2,472367E+22	2,529401E+22	2,493409E+22	2,374039E+22	2,264833E+22	2,264826E+22	2,374017E+22	2,493378E+22
-2116	2,529367E+22	2,472372E+22	2,399202E+22	2,399208E+22	2,472409E+22	2,529423E+22	2,493407E+22	2,374019E+22	2,264812E+22	2,264825E+22	2,374063E+22	2,493479E+22
-2115	2,529490E+22	2,472433E+22	2,399197E+22	2,399201E+22	2,472425E+22	2,529450E+22	2,493428E+22	2,374019E+22	2,264801E+22	2,264818E+22	2,374043E+22	2,493409E+22
-2114	2,529380E+22	2,472317E+22	2,399070E+22	2,399084E+22	2,472357E+22	2,529442E+22	2,493453E+22	2,374037E+22	2,264781E+22	2,264753E+22	2,373967E+22	2,493367E+22
-2113	2,529389E+22	2,472400E+22	2,399198E+22	2,399179E+22	2,472397E+22	2,529437E+22	2,493433E+22	2,374031E+22	2,264791E+22	2,264775E+22	2,374008E+22	2,493448E+22
-2112	2,529461E+22	2,472386E+22	2,399131E+22	2,399118E+22	2,472348E+22	2,529402E+22	2,493411E+22	2,374019E+22	2,264792E+22	2,264782E+22	2,373975E+22	2,493339E+22
-2111	2,529333E+22	2,472284E+22	2,399060E+22	2,399081E+22	2,472329E+22	2,529383E+22	2,493394E+22	2,374007E+22	2,264779E+22	2,264767E+22	2,373986E+22	2,493379E+22
-2110	2,529401E+22	2,472393E+22	2,399167E+22	2,399161E+22	2,472395E+22	2,529424E+22	2,493397E+22	2,373980E+22	2,264751E+22	2,264778E+22	2,374050E+22	2,493461E+22
-2109	2,529408E+22	2,472308E+22	2,399057E+22	2,399066E+22	2,472327E+22	2,529399E+22	2,493399E+22	2,373978E+22	2,264728E+22	2,264724E+22	2,373961E+22	2,493370E+22
-2108	2,529359E+22	2,472304E+22	2,399087E+22	2,399096E+22	2,472342E+22	2,529400E+22	2,493397E+22	2,373981E+22	2,264732E+22	2,264729E+22	2,373984E+22	2,493435E+22
-2107	2,529484E+22	2,472430E+22	2,399159E+22	2,399139E+22	2,472371E+22	2,529415E+22	2,493405E+22	2,373993E+22	2,264759E+22	2,264769E+22	2,374006E+22	2,493395E+22
-2106	2,529383E+22	2,472328E+22	2,399071E+22	2,399066E+22	2,472328E+22	2,529406E+22	2,493419E+22	2,374013E+22	2,264767E+22	2,264744E+22	2,373952E+22	2,493336E+22
-2105	2,529340E+22	2,472358E+22	2,399189E+22	2,399192E+22	2,472404E+22	2,529424E+22	2,493410E+22	2,374019E+22	2,264801E+22	2,264799E+22	2,374027E+22	2,493451E+22
-2104	2,529462E+22	2,472394E+22	2,399162E+22	2,399171E+22	2,472400E+22	2,529431E+22	2,493416E+22	2,374020E+22	2,264816E+22	2,264835E+22	2,374041E+22	2,493392E+22
-2103	2,529359E+22	2,472299E+22	2,399080E+22	2,399110E+22	2,472365E+22	2,529424E+22	2,493438E+22	2,374056E+22	2,264836E+22	2,264820E+22	2,374023E+22	2,493400E+22
-2102	2,529415E+22	2,472422E+22	2,399216E+22	2,399206E+22	2,472423E+22	2,529454E+22	2,493453E+22	2,374071E+22	2,264860E+22	2,264864E+22	2,374092E+22	2,493492E+22
-2101	2,529472E+22	2,472407E+22	2,399175E+22	2,399160E+22	2,472366E+22	2,529409E+22	2,493432E+22	2,374072E+22	2,264872E+22	2,264860E+22	2,374029E+22	2,493378E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2100	2,529375E+22	2,472364E+22	2,399182E+22	2,399187E+22	2,472383E+22	2,529402E+22	2,493418E+22	2,374067E+22	2,264877E+22	2,264872E+22	2,374061E+22	2,493433E+22
-2099	2,529468E+22	2,472477E+22	2,399271E+22	2,399258E+22	2,472443E+22	2,529434E+22	2,493417E+22	2,374055E+22	2,264881E+22	2,264908E+22	2,374117E+22	2,493462E+22
-2098	2,529415E+22	2,472372E+22	2,399163E+22	2,399165E+22	2,472392E+22	2,529437E+22	2,493437E+22	2,374055E+22	2,264848E+22	2,264840E+22	2,374027E+22	2,493381E+22
-2097	2,529360E+22	2,472359E+22	2,399211E+22	2,399234E+22	2,472437E+22	2,529450E+22	2,493442E+22	2,374061E+22	2,264850E+22	2,264843E+22	2,374052E+22	2,493467E+22
-2096	2,529508E+22	2,472453E+22	2,399204E+22	2,399197E+22	2,472415E+22	2,529445E+22	2,493436E+22	2,374048E+22	2,264842E+22	2,264851E+22	2,374050E+22	2,493400E+22
-2095	2,529383E+22	2,472344E+22	2,399110E+22	2,399102E+22	2,472340E+22	2,529410E+22	2,493442E+22	2,374069E+22	2,264841E+22	2,264803E+22	2,373984E+22	2,493350E+22
-2094	2,529364E+22	2,472389E+22	2,399215E+22	2,399201E+22	2,472399E+22	2,529422E+22	2,493427E+22	2,374054E+22	2,264843E+22	2,264838E+22	2,374055E+22	2,493457E+22
-2093	2,529446E+22	2,472374E+22	2,399154E+22	2,399157E+22	2,472366E+22	2,529390E+22	2,493385E+22	2,374006E+22	2,264808E+22	2,264820E+22	2,374017E+22	2,493364E+22
-2092	2,529340E+22	2,472285E+22	2,399077E+22	2,399111E+22	2,472358E+22	2,529401E+22	2,493393E+22	2,373992E+22	2,264769E+22	2,264779E+22	2,374017E+22	2,493412E+22
-2091	2,529429E+22	2,472405E+22	2,399168E+22	2,399159E+22	2,472392E+22	2,529427E+22	2,493407E+22	2,373995E+22	2,264769E+22	2,264794E+22	2,374060E+22	2,493473E+22
-2090	2,529440E+22	2,472355E+22	2,399096E+22	2,399073E+22	2,472323E+22	2,529409E+22	2,493419E+22	2,374006E+22	2,264755E+22	2,264736E+22	2,373950E+22	2,493348E+22
-2089	2,529350E+22	2,472323E+22	2,399141E+22	2,399150E+22	2,472366E+22	2,529407E+22	2,493414E+22	2,374024E+22	2,264789E+22	2,264769E+22	2,373977E+22	2,493403E+22
-2088	2,529479E+22	2,472449E+22	2,399195E+22	2,399180E+22	2,472392E+22	2,529413E+22	2,493399E+22	2,374009E+22	2,264807E+22	2,264827E+22	2,374039E+22	2,493390E+22
-2087	2,529368E+22	2,472333E+22	2,399106E+22	2,399109E+22	2,472355E+22	2,529412E+22	2,493421E+22	2,374041E+22	2,264821E+22	2,264801E+22	2,373991E+22	2,493346E+22
-2086	2,529329E+22	2,472339E+22	2,399191E+22	2,399210E+22	2,472424E+22	2,529449E+22	2,493442E+22	2,374061E+22	2,264854E+22	2,264854E+22	2,374072E+22	2,493478E+22
-2085	2,529475E+22	2,472398E+22	2,399179E+22	2,399192E+22	2,472402E+22	2,529425E+22	2,493422E+22	2,374047E+22	2,264854E+22	2,264869E+22	2,374064E+22	2,493407E+22
-2084	2,529383E+22	2,472333E+22	2,399117E+22	2,399134E+22	2,472369E+22	2,529421E+22	2,493443E+22	2,374077E+22	2,264868E+22	2,264856E+22	2,374045E+22	2,493405E+22
-2083	2,529429E+22	2,472453E+22	2,399256E+22	2,399225E+22	2,472406E+22	2,529424E+22	2,493441E+22	2,374095E+22	2,264914E+22	2,264920E+22	2,374121E+22	2,493489E+22
-2082	2,529472E+22	2,472437E+22	2,399226E+22	2,399199E+22	2,472382E+22	2,529406E+22	2,493421E+22	2,374078E+22	2,264905E+22	2,264902E+22	2,374057E+22	2,493375E+22
-2081	2,529353E+22	2,472356E+22	2,399216E+22	2,399246E+22	2,472434E+22	2,529426E+22	2,493422E+22	2,374077E+22	2,264906E+22	2,264906E+22	2,374077E+22	2,493437E+22
-2080	2,529478E+22	2,472483E+22	2,399277E+22	2,399273E+22	2,472461E+22	2,529449E+22	2,493423E+22	2,374058E+22	2,264893E+22	2,264929E+22	2,374136E+22	2,493476E+22
-2079	2,529432E+22	2,472393E+22	2,399185E+22	2,399181E+22	2,472395E+22	2,529436E+22	2,493452E+22	2,374090E+22	2,264884E+22	2,264855E+22	2,374025E+22	2,493373E+22
-2078	2,529361E+22	2,472365E+22	2,399221E+22	2,399240E+22	2,472432E+22	2,529451E+22	2,493466E+22	2,374109E+22	2,264904E+22	2,264880E+22	2,374060E+22	2,493450E+22
-2077	2,529492E+22	2,472462E+22	2,399243E+22	2,399234E+22	2,472414E+22	2,529420E+22	2,493423E+22	2,374065E+22	2,264882E+22	2,264890E+22	2,374069E+22	2,493391E+22
-2076	2,529370E+22	2,472351E+22	2,399144E+22	2,399147E+22	2,472367E+22	2,529410E+22	2,493429E+22	2,374065E+22	2,264858E+22	2,264846E+22	2,374028E+22	2,493363E+22
-2075	2,529357E+22	2,472382E+22	2,399216E+22	2,399210E+22	2,472403E+22	2,529422E+22	2,493424E+22	2,374058E+22	2,264867E+22	2,264880E+22	2,374099E+22	2,493485E+22
-2074	2,529461E+22	2,472388E+22	2,399166E+22	2,399164E+22	2,472378E+22	2,529413E+22	2,493402E+22	2,374016E+22	2,264818E+22	2,264832E+22	2,374034E+22	2,493382E+22
-2073	2,529355E+22	2,472295E+22	2,399095E+22	2,399138E+22	2,472382E+22	2,529421E+22	2,493418E+22	2,374025E+22	2,264800E+22	2,264790E+22	2,374003E+22	2,493403E+22
-2072	2,529458E+22	2,472445E+22	2,399193E+22	2,399167E+22	2,472385E+22	2,529420E+22	2,493411E+22	2,374019E+22	2,264807E+22	2,264823E+22	2,374064E+22	2,493460E+22
-2071	2,529444E+22	2,472395E+22	2,399157E+22	2,399119E+22	2,472325E+22	2,529384E+22	2,493415E+22	2,374045E+22	2,264817E+22	2,264783E+22	2,373964E+22	2,493328E+22
-2070	2,529322E+22	2,472311E+22	2,399163E+22	2,399191E+22	2,472390E+22	2,529409E+22	2,493421E+22	2,374059E+22	2,264851E+22	2,264835E+22	2,374021E+22	2,493401E+22
-2069	2,529447E+22	2,472432E+22	2,399221E+22	2,399226E+22	2,472420E+22	2,529418E+22	2,493393E+22	2,374016E+22	2,264839E+22	2,264873E+22	2,374083E+22	2,493414E+22
-2068	2,529374E+22	2,472336E+22	2,399122E+22	2,399136E+22	2,472377E+22	2,529429E+22	2,493434E+22	2,374047E+22	2,264835E+22	2,264834E+22	2,374031E+22	2,493373E+22
-2067	2,529350E+22	2,472353E+22	2,399189E+22	2,399199E+22	2,472405E+22	2,529439E+22	2,493455E+22	2,374095E+22	2,264897E+22	2,264893E+22	2,374097E+22	2,493493E+22
-2066	2,529503E+22	2,472447E+22	2,399220E+22	2,399204E+22	2,472396E+22	2,529420E+22	2,493426E+22	2,374075E+22	2,264898E+22	2,264901E+22	2,374072E+22	2,493399E+22
-2065	2,529381E+22	2,472359E+22	2,399175E+22	2,399194E+22	2,472394E+22	2,529414E+22	2,493439E+22	2,374103E+22	2,264920E+22	2,264898E+22	2,374049E+22	2,493391E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2064	2,529434E+22	2,472477E+22	2,399295E+22	2,399271E+22	2,472431E+22	2,529417E+22	2,493420E+22	2,374093E+22	2,264944E+22	2,264968E+22	2,374157E+22	2,493497E+22
-2063	2,529468E+22	2,472453E+22	2,399270E+22	2,399252E+22	2,472413E+22	2,529411E+22	2,493423E+22	2,374096E+22	2,264936E+22	2,264933E+22	2,374081E+22	2,493382E+22
-2062	2,529343E+22	2,472341E+22	2,399220E+22	2,399272E+22	2,472463E+22	2,529458E+22	2,493459E+22	2,374117E+22	2,264944E+22	2,264937E+22	2,374098E+22	2,493442E+22
-2061	2,529473E+22	2,472487E+22	2,399296E+22	2,399295E+22	2,472471E+22	2,529457E+22	2,493441E+22	2,374088E+22	2,264925E+22	2,264948E+22	2,374139E+22	2,493473E+22
-2060	2,529440E+22	2,472417E+22	2,399211E+22	2,399198E+22	2,472400E+22	2,529440E+22	2,493467E+22	2,374115E+22	2,264918E+22	2,264892E+22	2,374042E+22	2,493364E+22
-2059	2,529354E+22	2,472374E+22	2,399233E+22	2,399243E+22	2,472413E+22	2,529425E+22	2,493462E+22	2,374139E+22	2,264962E+22	2,264940E+22	2,374097E+22	2,493454E+22
-2058	2,529483E+22	2,472470E+22	2,399262E+22	2,399255E+22	2,472427E+22	2,529415E+22	2,493407E+22	2,374068E+22	2,264912E+22	2,264932E+22	2,374105E+22	2,493406E+22
-2057	2,529358E+22	2,472341E+22	2,399158E+22	2,399183E+22	2,472399E+22	2,529422E+22	2,493428E+22	2,374069E+22	2,264878E+22	2,264870E+22	2,374046E+22	2,493387E+22
-2056	2,529388E+22	2,472400E+22	2,399219E+22	2,399211E+22	2,472401E+22	2,529416E+22	2,493417E+22	2,374054E+22	2,264871E+22	2,264892E+22	2,374117E+22	2,493507E+22
-2055	2,529492E+22	2,472429E+22	2,399201E+22	2,399182E+22	2,472370E+22	2,529395E+22	2,493408E+22	2,374047E+22	2,264846E+22	2,264837E+22	2,374022E+22	2,493372E+22
-2054	2,529359E+22	2,472320E+22	2,399128E+22	2,399165E+22	2,472388E+22	2,529422E+22	2,493436E+22	2,374069E+22	2,264852E+22	2,264825E+22	2,374003E+22	2,493376E+22
-2053	2,529432E+22	2,472462E+22	2,399250E+22	2,399223E+22	2,472401E+22	2,529405E+22	2,493399E+22	2,374035E+22	2,264847E+22	2,264860E+22	2,374074E+22	2,493439E+22
-2052	2,529420E+22	2,472399E+22	2,399194E+22	2,399177E+22	2,472372E+22	2,529402E+22	2,493416E+22	2,374049E+22	2,264846E+22	2,264834E+22	2,374006E+22	2,493332E+22
-2051	2,529302E+22	2,472297E+22	2,399161E+22	2,399205E+22	2,472406E+22	2,529422E+22	2,493436E+22	2,374085E+22	2,264897E+22	2,264891E+22	2,374071E+22	2,493429E+22
-2050	2,529450E+22	2,472433E+22	2,399223E+22	2,399235E+22	2,472438E+22	2,529439E+22	2,493414E+22	2,374045E+22	2,264873E+22	2,264904E+22	2,374111E+22	2,493438E+22
-2049	2,529389E+22	2,472348E+22	2,399139E+22	2,399159E+22	2,472394E+22	2,529439E+22	2,493455E+22	2,374091E+22	2,264888E+22	2,264868E+22	2,374036E+22	2,493380E+22
-2048	2,529384E+22	2,472400E+22	2,399221E+22	2,399205E+22	2,472385E+22	2,529411E+22	2,493444E+22	2,374116E+22	2,264946E+22	2,264942E+22	2,374122E+22	2,493495E+22
-2047	2,529511E+22	2,472493E+22	2,399287E+22	2,399254E+22	2,472395E+22	2,529384E+22	2,493410E+22	2,374104E+22	2,264953E+22	2,264951E+22	2,374095E+22	2,493394E+22
-2046	2,529365E+22	2,472363E+22	2,399209E+22	2,399247E+22	2,472432E+22	2,529422E+22	2,493437E+22	2,374122E+22	2,264967E+22	2,264954E+22	2,374088E+22	2,493396E+22
-2045	2,529412E+22	2,472474E+22	2,399329E+22	2,399321E+22	2,472468E+22	2,529431E+22	2,493417E+22	2,374091E+22	2,264959E+22	2,264990E+22	2,374179E+22	2,493516E+22
-2044	2,529479E+22	2,472463E+22	2,399290E+22	2,399285E+22	2,472449E+22	2,529442E+22	2,493446E+22	2,374105E+22	2,264945E+22	2,264950E+22	2,374098E+22	2,493392E+22
-2043	2,529355E+22	2,472354E+22	2,399219E+22	2,399263E+22	2,472451E+22	2,529459E+22	2,493485E+22	2,374163E+22	2,264992E+22	2,264969E+22	2,374109E+22	2,493439E+22
-2042	2,529474E+22	2,472514E+22	2,399323E+22	2,399305E+22	2,472471E+22	2,529457E+22	2,493452E+22	2,374123E+22	2,264974E+22	2,264981E+22	2,374144E+22	2,493458E+22
-2041	2,529423E+22	2,472426E+22	2,399248E+22	2,399241E+22	2,472420E+22	2,529435E+22	2,493466E+22	2,374144E+22	2,264973E+22	2,264939E+22	2,374054E+22	2,493358E+22
-2040	2,529353E+22	2,472383E+22	2,399247E+22	2,399259E+22	2,472418E+22	2,529410E+22	2,493439E+22	2,374136E+22	2,264991E+22	2,264989E+22	2,374141E+22	2,493477E+22
-2039	2,529487E+22	2,472485E+22	2,399291E+22	2,399283E+22	2,472435E+22	2,529405E+22	2,493404E+22	2,374083E+22	2,264936E+22	2,264956E+22	2,374130E+22	2,493429E+22
-2038	2,529366E+22	2,472339E+22	2,399159E+22	2,399197E+22	2,472415E+22	2,529435E+22	2,493445E+22	2,374094E+22	2,264905E+22	2,264890E+22	2,374057E+22	2,493394E+22
-2037	2,529392E+22	2,472421E+22	2,399251E+22	2,399234E+22	2,472407E+22	2,529411E+22	2,493416E+22	2,374067E+22	2,264890E+22	2,264899E+22	2,374109E+22	2,493501E+22
-2036	2,529502E+22	2,472466E+22	2,399249E+22	2,399219E+22	2,472384E+22	2,529395E+22	2,493410E+22	2,374057E+22	2,264872E+22	2,264869E+22	2,374030E+22	2,493350E+22
-2035	2,529338E+22	2,472327E+22	2,399151E+22	2,399187E+22	2,472389E+22	2,529407E+22	2,493435E+22	2,374099E+22	2,264910E+22	2,264885E+22	2,374037E+22	2,493370E+22
-2034	2,529401E+22	2,472453E+22	2,399266E+22	2,399258E+22	2,472441E+22	2,529423E+22	2,493396E+22	2,374047E+22	2,264886E+22	2,264907E+22	2,374108E+22	2,493450E+22
-2033	2,529403E+22	2,472382E+22	2,399199E+22	2,399208E+22	2,472411E+22	2,529430E+22	2,493432E+22	2,374070E+22	2,264883E+22	2,264871E+22	2,374029E+22	2,493360E+22
-2032	2,529331E+22	2,472309E+22	2,399154E+22	2,399194E+22	2,472396E+22	2,529416E+22	2,493440E+22	2,374103E+22	2,264926E+22	2,264924E+22	2,374101E+22	2,493461E+22
-2031	2,529484E+22	2,472476E+22	2,399258E+22	2,399246E+22	2,472417E+22	2,529411E+22	2,493420E+22	2,374088E+22	2,264920E+22	2,264930E+22	2,374115E+22	2,493442E+22
-2030	2,529400E+22	2,472379E+22	2,399182E+22	2,399191E+22	2,472396E+22	2,529426E+22	2,493458E+22	2,374128E+22	2,264949E+22	2,264919E+22	2,374052E+22	2,493367E+22
-2029	2,529371E+22	2,472431E+22	2,399292E+22	2,399269E+22	2,472407E+22	2,529392E+22	2,493419E+22	2,374118E+22	2,264981E+22	2,264984E+22	2,374144E+22	2,493493E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2028	2,529504E+22	2,472513E+22	2,399338E+22	2,399320E+22	2,472449E+22	2,529406E+22	2,493407E+22	2,374097E+22	2,264973E+22	2,264996E+22	2,374132E+22	2,493400E+22
-2027	2,529355E+22	2,472362E+22	2,399222E+22	2,399271E+22	2,472458E+22	2,529446E+22	2,493462E+22	2,374152E+22	2,265007E+22	2,264997E+22	2,374122E+22	2,493415E+22
-2026	2,529413E+22	2,472476E+22	2,399336E+22	2,399341E+22	2,472502E+22	2,529465E+22	2,493447E+22	2,374127E+22	2,264995E+22	2,265011E+22	2,374182E+22	2,493517E+22
-2025	2,529483E+22	2,472475E+22	2,399307E+22	2,399306E+22	2,472470E+22	2,529463E+22	2,493479E+22	2,374159E+22	2,265004E+22	2,264982E+22	2,374092E+22	2,493387E+22
-2024	2,529372E+22	2,472385E+22	2,399241E+22	2,399260E+22	2,472427E+22	2,529432E+22	2,493481E+22	2,374194E+22	2,265050E+22	2,265026E+22	2,374138E+22	2,493440E+22
-2023	2,529466E+22	2,472532E+22	2,399365E+22	2,399336E+22	2,472458E+22	2,529415E+22	2,493435E+22	2,374153E+22	2,265027E+22	2,265033E+22	2,374175E+22	2,493462E+22
-2022	2,529405E+22	2,472414E+22	2,399263E+22	2,399273E+22	2,472442E+22	2,529433E+22	2,493453E+22	2,374151E+22	2,265012E+22	2,264994E+22	2,374099E+22	2,493377E+22
-2021	2,529345E+22	2,472385E+22	2,399272E+22	2,399282E+22	2,472430E+22	2,529404E+22	2,493416E+22	2,374113E+22	2,264986E+22	2,265001E+22	2,374161E+22	2,493503E+22
-2020	2,529510E+22	2,472505E+22	2,399311E+22	2,399303E+22	2,472453E+22	2,529417E+22	2,493405E+22	2,374072E+22	2,264930E+22	2,264962E+22	2,374134E+22	2,493433E+22
-2019	2,529383E+22	2,472366E+22	2,399176E+22	2,399198E+22	2,472407E+22	2,529430E+22	2,493457E+22	2,374123E+22	2,264939E+22	2,264909E+22	2,374054E+22	2,493383E+22
-2018	2,529388E+22	2,472444E+22	2,399285E+22	2,399265E+22	2,472428E+22	2,529417E+22	2,493420E+22	2,374090E+22	2,264926E+22	2,264920E+22	2,374097E+22	2,493473E+22
-2017	2,529477E+22	2,472468E+22	2,399287E+22	2,399275E+22	2,472429E+22	2,529413E+22	2,493420E+22	2,374086E+22	2,264920E+22	2,264907E+22	2,374038E+22	2,493342E+22
-2016	2,529329E+22	2,472326E+22	2,399161E+22	2,399201E+22	2,472403E+22	2,529411E+22	2,493433E+22	2,374110E+22	2,264947E+22	2,264939E+22	2,374084E+22	2,493392E+22
-2015	2,529393E+22	2,472450E+22	2,399283E+22	2,399277E+22	2,472446E+22	2,529424E+22	2,493417E+22	2,374085E+22	2,264926E+22	2,264944E+22	2,374136E+22	2,493473E+22
-2014	2,529411E+22	2,472378E+22	2,399199E+22	2,399216E+22	2,472422E+22	2,529443E+22	2,493456E+22	2,374113E+22	2,264937E+22	2,264917E+22	2,374055E+22	2,493372E+22
-2013	2,529343E+22	2,472342E+22	2,399193E+22	2,399207E+22	2,472387E+22	2,529398E+22	2,493432E+22	2,374121E+22	2,264965E+22	2,264956E+22	2,374111E+22	2,493467E+22
-2012	2,529505E+22	2,472523E+22	2,399318E+22	2,399287E+22	2,472425E+22	2,529397E+22	2,493409E+22	2,374096E+22	2,264961E+22	2,264984E+22	2,374140E+22	2,493434E+22
-2011	2,529394E+22	2,472400E+22	2,399226E+22	2,399231E+22	2,472407E+22	2,529408E+22	2,493446E+22	2,374150E+22	2,265004E+22	2,264982E+22	2,374093E+22	2,493373E+22
-2010	2,529356E+22	2,472433E+22	2,399322E+22	2,399323E+22	2,472463E+22	2,529417E+22	2,493414E+22	2,374121E+22	2,265009E+22	2,265021E+22	2,374170E+22	2,493504E+22
-2009	2,529499E+22	2,472512E+22	2,399361E+22	2,399365E+22	2,472500E+22	2,529448E+22	2,493435E+22	2,374122E+22	2,265003E+22	2,265019E+22	2,374142E+22	2,493417E+22
-2008	2,529378E+22	2,472378E+22	2,399227E+22	2,399267E+22	2,472455E+22	2,529453E+22	2,493481E+22	2,374183E+22	2,265045E+22	2,265030E+22	2,374141E+22	2,493427E+22
-2007	2,529426E+22	2,472506E+22	2,399373E+22	2,399356E+22	2,472486E+22	2,529449E+22	2,493469E+22	2,374185E+22	2,265054E+22	2,265045E+22	2,374182E+22	2,493504E+22
-2006	2,529477E+22	2,472486E+22	2,399337E+22	2,399331E+22	2,472472E+22	2,529451E+22	2,493482E+22	2,374199E+22	2,265072E+22	2,265044E+22	2,374115E+22	2,493370E+22
-2005	2,529348E+22	2,472396E+22	2,399286E+22	2,399298E+22	2,472437E+22	2,529408E+22	2,493450E+22	2,374188E+22	2,265080E+22	2,265072E+22	2,374171E+22	2,493451E+22
-2004	2,529465E+22	2,472540E+22	2,399398E+22	2,399375E+22	2,472489E+22	2,529422E+22	2,493418E+22	2,374130E+22	2,265035E+22	2,265074E+22	2,374215E+22	2,493482E+22
-2003	2,529408E+22	2,472409E+22	2,399266E+22	2,399279E+22	2,472448E+22	2,529438E+22	2,493460E+22	2,374161E+22	2,265030E+22	2,265021E+22	2,374128E+22	2,493403E+22
-2002	2,529361E+22	2,472393E+22	2,399278E+22	2,399300E+22	2,472459E+22	2,529425E+22	2,493427E+22	2,374124E+22	2,264996E+22	2,265001E+22	2,374151E+22	2,493501E+22
-2001	2,529525E+22	2,472529E+22	2,399338E+22	2,399325E+22	2,472474E+22	2,529436E+22	2,493428E+22	2,374105E+22	2,264965E+22	2,264972E+22	2,374113E+22	2,493415E+22
-2000	2,529393E+22	2,472395E+22	2,399208E+22	2,399206E+22	2,472395E+22	2,529413E+22	2,493455E+22	2,374147E+22	2,264984E+22	2,264954E+22	2,374072E+22	2,493372E+22
-1999	2,529368E+22	2,472448E+22	2,399325E+22	2,399305E+22	2,472433E+22	2,529399E+22	2,493421E+22	2,374125E+22	2,264977E+22	2,264966E+22	2,374117E+22	2,493464E+22
-1998	2,529448E+22	2,472444E+22	2,399293E+22	2,399303E+22	2,472460E+22	2,529431E+22	2,493428E+22	2,374107E+22	2,264967E+22	2,264966E+22	2,374081E+22	2,493356E+22
-1997	2,529319E+22	2,472324E+22	2,399178E+22	2,399212E+22	2,472408E+22	2,529411E+22	2,493429E+22	2,374112E+22	2,264964E+22	2,264967E+22	2,374114E+22	2,493423E+22
-1996	2,529425E+22	2,472472E+22	2,399303E+22	2,399286E+22	2,472448E+22	2,529425E+22	2,493421E+22	2,374092E+22	2,264950E+22	2,264977E+22	2,374154E+22	2,493482E+22
-1995	2,529434E+22	2,472412E+22	2,399228E+22	2,399220E+22	2,472404E+22	2,529423E+22	2,493460E+22	2,374148E+22	2,264991E+22	2,264965E+22	2,374075E+22	2,493373E+22
-1994	2,529351E+22	2,472375E+22	2,399245E+22	2,399257E+22	2,472414E+22	2,529391E+22	2,493417E+22	2,374134E+22	2,265007E+22	2,264995E+22	2,374119E+22	2,493452E+22
-1993	2,529495E+22	2,472540E+22	2,399374E+22	2,399357E+22	2,472480E+22	2,529417E+22	2,493410E+22	2,374114E+22	2,265005E+22	2,265026E+22	2,374158E+22	2,493437E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1992	2,529396E+22	2,472413E+22	2,399259E+22	2,399266E+22	2,472436E+22	2,529423E+22	2,493449E+22	2,374161E+22	2,265038E+22	2,265032E+22	2,374136E+22	2,493396E+22
-1991	2,529355E+22	2,472434E+22	2,399350E+22	2,399356E+22	2,472481E+22	2,529433E+22	2,493449E+22	2,374167E+22	2,265047E+22	2,265050E+22	2,374182E+22	2,493508E+22
-1990	2,529500E+22	2,472509E+22	2,399369E+22	2,399383E+22	2,472523E+22	2,529475E+22	2,493472E+22	2,374175E+22	2,265063E+22	2,265066E+22	2,374160E+22	2,493413E+22
-1989	2,529378E+22	2,472407E+22	2,399266E+22	2,399275E+22	2,472442E+22	2,529438E+22	2,493482E+22	2,374210E+22	2,265091E+22	2,265070E+22	2,374156E+22	2,493424E+22
-1988	2,529429E+22	2,472527E+22	2,399415E+22	2,399384E+22	2,472485E+22	2,529431E+22	2,493455E+22	2,374194E+22	2,265102E+22	2,265109E+22	2,374214E+22	2,493496E+22
-1987	2,529463E+22	2,472487E+22	2,399359E+22	2,399355E+22	2,472475E+22	2,529430E+22	2,493464E+22	2,374212E+22	2,265121E+22	2,265110E+22	2,374169E+22	2,493392E+22
-1986	2,529344E+22	2,472387E+22	2,399295E+22	2,399332E+22	2,472475E+22	2,529417E+22	2,493431E+22	2,374172E+22	2,265088E+22	2,265095E+22	2,374196E+22	2,493474E+22
-1985	2,529480E+22	2,472545E+22	2,399411E+22	2,399400E+22	2,472519E+22	2,529448E+22	2,493433E+22	2,374137E+22	2,265040E+22	2,265072E+22	2,374216E+22	2,493504E+22
-1984	2,529445E+22	2,472439E+22	2,399282E+22	2,399274E+22	2,472434E+22	2,529431E+22	2,493465E+22	2,374175E+22	2,265044E+22	2,265028E+22	2,374129E+22	2,493405E+22
-1983	2,529376E+22	2,472428E+22	2,399324E+22	2,399320E+22	2,472444E+22	2,529412E+22	2,493448E+22	2,374168E+22	2,265032E+22	2,265012E+22	2,374129E+22	2,493465E+22
-1982	2,529507E+22	2,472538E+22	2,399375E+22	2,399364E+22	2,472494E+22	2,529442E+22	2,493440E+22	2,374140E+22	2,265021E+22	2,265022E+22	2,374122E+22	2,493382E+22
-1981	2,529358E+22	2,472400E+22	2,399249E+22	2,399243E+22	2,472414E+22	2,529410E+22	2,493442E+22	2,374151E+22	2,265016E+22	2,264998E+22	2,374102E+22	2,493375E+22
-1980	2,529355E+22	2,472437E+22	2,399342E+22	2,399336E+22	2,472464E+22	2,529419E+22	2,493423E+22	2,374125E+22	2,265005E+22	2,265020E+22	2,374159E+22	2,493477E+22
-1979	2,529445E+22	2,472429E+22	2,399287E+22	2,399303E+22	2,472460E+22	2,529436E+22	2,493447E+22	2,374140E+22	2,265010E+22	2,265013E+22	2,374123E+22	2,493387E+22
-1978	2,529339E+22	2,472330E+22	2,399183E+22	2,399227E+22	2,472426E+22	2,529417E+22	2,493435E+22	2,374133E+22	2,264996E+22	2,264991E+22	2,374122E+22	2,493432E+22
-1977	2,529451E+22	2,472509E+22	2,399343E+22	2,399311E+22	2,472454E+22	2,529427E+22	2,493432E+22	2,374125E+22	2,264996E+22	2,265007E+22	2,374160E+22	2,493483E+22
-1976	2,529451E+22	2,472449E+22	2,399277E+22	2,399245E+22	2,472392E+22	2,529393E+22	2,493442E+22	2,374163E+22	2,265038E+22	2,265022E+22	2,374113E+22	2,493377E+22
-1975	2,529344E+22	2,472393E+22	2,399302E+22	2,399315E+22	2,472434E+22	2,529384E+22	2,493417E+22	2,374157E+22	2,265047E+22	2,265041E+22	2,374145E+22	2,493450E+22
-1974	2,529480E+22	2,472531E+22	2,399394E+22	2,399400E+22	2,472525E+22	2,529448E+22	2,493424E+22	2,374132E+22	2,265044E+22	2,265074E+22	2,374191E+22	2,493442E+22
-1973	2,529390E+22	2,472421E+22	2,399285E+22	2,399287E+22	2,472451E+22	2,529437E+22	2,493460E+22	2,374173E+22	2,265058E+22	2,265054E+22	2,374154E+22	2,493414E+22
-1972	2,529379E+22	2,472452E+22	2,399373E+22	2,399375E+22	2,472491E+22	2,529443E+22	2,493464E+22	2,374192E+22	2,265088E+22	2,265088E+22	2,374192E+22	2,493497E+22
-1971	2,529502E+22	2,472527E+22	2,399394E+22	2,399389E+22	2,472506E+22	2,529459E+22	2,493484E+22	2,374222E+22	2,265129E+22	2,265122E+22	2,374186E+22	2,493410E+22
-1970	2,529373E+22	2,472419E+22	2,399302E+22	2,399320E+22	2,472464E+22	2,529427E+22	2,493468E+22	2,374225E+22	2,265136E+22	2,265117E+22	2,374177E+22	2,493419E+22
-1969	2,529424E+22	2,472538E+22	2,399449E+22	2,399429E+22	2,472517E+22	2,529440E+22	2,493453E+22	2,374205E+22	2,265135E+22	2,265147E+22	2,374244E+22	2,493513E+22
-1968	2,529472E+22	2,472497E+22	2,399377E+22	2,399369E+22	2,472479E+22	2,529427E+22	2,493457E+22	2,374212E+22	2,265140E+22	2,265147E+22	2,374212E+22	2,493423E+22
-1967	2,529361E+22	2,472400E+22	2,399321E+22	2,399356E+22	2,472479E+22	2,529423E+22	2,493454E+22	2,374200E+22	2,265104E+22	2,265101E+22	2,374195E+22	2,493475E+22
-1966	2,529492E+22	2,472557E+22	2,399423E+22	2,399417E+22	2,472536E+22	2,529467E+22	2,493458E+22	2,374174E+22	2,265079E+22	2,265095E+22	2,374212E+22	2,493482E+22
-1965	2,529442E+22	2,472476E+22	2,399330E+22	2,399294E+22	2,472427E+22	2,529419E+22	2,493465E+22	2,374193E+22	2,265075E+22	2,265052E+22	2,374130E+22	2,493388E+22
-1964	2,529368E+22	2,472441E+22	2,399367E+22	2,399363E+22	2,472457E+22	2,529403E+22	2,493438E+22	2,374180E+22	2,265078E+22	2,265068E+22	2,374150E+22	2,493438E+22
-1963	2,529471E+22	2,472521E+22	2,399389E+22	2,399392E+22	2,472509E+22	2,529439E+22	2,493437E+22	2,374162E+22	2,265071E+22	2,265086E+22	2,374175E+22	2,493399E+22
-1962	2,529344E+22	2,472376E+22	2,399245E+22	2,399272E+22	2,472451E+22	2,529427E+22	2,493439E+22	2,374150E+22	2,265034E+22	2,265030E+22	2,374134E+22	2,493399E+22
-1961	2,529370E+22	2,472436E+22	2,399340E+22	2,399344E+22	2,472479E+22	2,529441E+22	2,493446E+22	2,374147E+22	2,265026E+22	2,265034E+22	2,374177E+22	2,493506E+22
-1960	2,529484E+22	2,472461E+22	2,399300E+22	2,399293E+22	2,472435E+22	2,529417E+22	2,493448E+22	2,374163E+22	2,265044E+22	2,265044E+22	2,374147E+22	2,493404E+22
-1959	2,529366E+22	2,472372E+22	2,399233E+22	2,399252E+22	2,472406E+22	2,529392E+22	2,493441E+22	2,374166E+22	2,265035E+22	2,265016E+22	2,374118E+22	2,493411E+22
-1958	2,529445E+22	2,472529E+22	2,399391E+22	2,399365E+22	2,472481E+22	2,529426E+22	2,493430E+22	2,374148E+22	2,265047E+22	2,265060E+22	2,374183E+22	2,493463E+22
-1957	2,529432E+22	2,472474E+22	2,399335E+22	2,399300E+22	2,472421E+22	2,529394E+22	2,493426E+22	2,374158E+22	2,265059E+22	2,265059E+22	2,374144E+22	2,493386E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-1956	2,529339E+22	2,472395E+22	2,399333E+22	2,399361E+22	2,472474E+22	2,529411E+22	2,493427E+22	2,374164E+22	2,265078E+22	2,265085E+22	2,374172E+22	2,493449E+22
-1955	2,529471E+22	2,472524E+22	2,399401E+22	2,399417E+22	2,472543E+22	2,529470E+22	2,493460E+22	2,374180E+22	2,265096E+22	2,265119E+22	2,374221E+22	2,493458E+22
-1954	2,529402E+22	2,472427E+22	2,399293E+22	2,399310E+22	2,472474E+22	2,529450E+22	2,493480E+22	2,374212E+22	2,265106E+22	2,265087E+22	2,374159E+22	2,493409E+22
-1953	2,529391E+22	2,472479E+22	2,399403E+22	2,399397E+22	2,472495E+22	2,529446E+22	2,493485E+22	2,374239E+22	2,265148E+22	2,265132E+22	2,374210E+22	2,493496E+22
-1952	2,529503E+22	2,472549E+22	2,399430E+22	2,399411E+22	2,472490E+22	2,529422E+22	2,493465E+22	2,374243E+22	2,265186E+22	2,265190E+22	2,374238E+22	2,493427E+22
-1951	2,529369E+22	2,472428E+22	2,399340E+22	2,399360E+22	2,472471E+22	2,529413E+22	2,493461E+22	2,374237E+22	2,265168E+22	2,265160E+22	2,374211E+22	2,493432E+22
-1950	2,529421E+22	2,472535E+22	2,399464E+22	2,399461E+22	2,472547E+22	2,529457E+22	2,493457E+22	2,374212E+22	2,265159E+22	2,265183E+22	2,374275E+22	2,493525E+22
-1949	2,529483E+22	2,472525E+22	2,399406E+22	2,399385E+22	2,472483E+22	2,529426E+22	2,493455E+22	2,374209E+22	2,265141E+22	2,265150E+22	2,374217E+22	2,493437E+22
-1948	2,529388E+22	2,472435E+22	2,399355E+22	2,399381E+22	2,472489E+22	2,529426E+22	2,493456E+22	2,374214E+22	2,265133E+22	2,265121E+22	2,374184E+22	2,493447E+22
-1947	2,529482E+22	2,472576E+22	2,399455E+22	2,399439E+22	2,472535E+22	2,529460E+22	2,493470E+22	2,374213E+22	2,265132E+22	2,265135E+22	2,374222E+22	2,493464E+22
-1946	2,529420E+22	2,472472E+22	2,399357E+22	2,399350E+22	2,472467E+22	2,529422E+22	2,493459E+22	2,374208E+22	2,265112E+22	2,265089E+22	2,374143E+22	2,493376E+22
-1945	2,529350E+22	2,472434E+22	2,399380E+22	2,399400E+22	2,472496E+22	2,529430E+22	2,493453E+22	2,374200E+22	2,265110E+22	2,265103E+22	2,374186E+22	2,493457E+22
-1944	2,529462E+22	2,472508E+22	2,399383E+22	2,399392E+22	2,472506E+22	2,529438E+22	2,493443E+22	2,374176E+22	2,265099E+22	2,265126E+22	2,374225E+22	2,493438E+22
-1943	2,529362E+22	2,472382E+22	2,399252E+22	2,399277E+22	2,472441E+22	2,529428E+22	2,493465E+22	2,374183E+22	2,265061E+22	2,265049E+22	2,374146E+22	2,493412E+22
-1942	2,529392E+22	2,472460E+22	2,399352E+22	2,399348E+22	2,472474E+22	2,529438E+22	2,493458E+22	2,374180E+22	2,265072E+22	2,265070E+22	2,374185E+22	2,493492E+22
-1941	2,529492E+22	2,472513E+22	2,399352E+22	2,399311E+22	2,472415E+22	2,529385E+22	2,493429E+22	2,374171E+22	2,265076E+22	2,265075E+22	2,374159E+22	2,493401E+22
-1940	2,529369E+22	2,472402E+22	2,399291E+22	2,399311E+22	2,472428E+22	2,529376E+22	2,493414E+22	2,374168E+22	2,265078E+22	2,265069E+22	2,374140E+22	2,493395E+22
-1939	2,529419E+22	2,472525E+22	2,399417E+22	2,399409E+22	2,472512E+22	2,529432E+22	2,493428E+22	2,374164E+22	2,265088E+22	2,265112E+22	2,374225E+22	2,493480E+22
-1938	2,529424E+22	2,472459E+22	2,399348E+22	2,399351E+22	2,472474E+22	2,529422E+22	2,493437E+22	2,374166E+22	2,265077E+22	2,265082E+22	2,374162E+22	2,493400E+22
-1937	2,529355E+22	2,472407E+22	2,399345E+22	2,399382E+22	2,472497E+22	2,529442E+22	2,493467E+22	2,374206E+22	2,265111E+22	2,265102E+22	2,374184E+22	2,493459E+22
-1936	2,529482E+22	2,472550E+22	2,399421E+22	2,399417E+22	2,472523E+22	2,529455E+22	2,493473E+22	2,374225E+22	2,265154E+22	2,265165E+22	2,374245E+22	2,493464E+22
-1935	2,529411E+22	2,472460E+22	2,399342E+22	2,399339E+22	2,472460E+22	2,529431E+22	2,493493E+22	2,374258E+22	2,265169E+22	2,265137E+22	2,374172E+22	2,493393E+22
-1934	2,529379E+22	2,472492E+22	2,399439E+22	2,399442E+22	2,472518E+22	2,529441E+22	2,493479E+22	2,374265E+22	2,265212E+22	2,265201E+22	2,374249E+22	2,493489E+22
-1933	2,529489E+22	2,472573E+22	2,399472E+22	2,399449E+22	2,472509E+22	2,529415E+22	2,493444E+22	2,374235E+22	2,265207E+22	2,265232E+22	2,374282E+22	2,493459E+22
-1932	2,529381E+22	2,472440E+22	2,399370E+22	2,399401E+22	2,472501E+22	2,529424E+22	2,493455E+22	2,374236E+22	2,265191E+22	2,265192E+22	2,374234E+22	2,493443E+22
-1931	2,529426E+22	2,472540E+22	2,399475E+22	2,399479E+22	2,472561E+22	2,529470E+22	2,493479E+22	2,374244E+22	2,265193E+22	2,265209E+22	2,374293E+22	2,493540E+22
-1930	2,529499E+22	2,472540E+22	2,399427E+22	2,399420E+22	2,472509E+22	2,529437E+22	2,493466E+22	2,374232E+22	2,265168E+22	2,265163E+22	2,374207E+22	2,493421E+22
-1929	2,529391E+22	2,472461E+22	2,399388E+22	2,399409E+22	2,472501E+22	2,529435E+22	2,493479E+22	2,374253E+22	2,265176E+22	2,265150E+22	2,374192E+22	2,493432E+22
-1928	2,529457E+22	2,472580E+22	2,399480E+22	2,399463E+22	2,472535E+22	2,529440E+22	2,493460E+22	2,374235E+22	2,265182E+22	2,265192E+22	2,374264E+22	2,493475E+22
-1927	2,529405E+22	2,472463E+22	2,399369E+22	2,399371E+22	2,472476E+22	2,529424E+22	2,493466E+22	2,374223E+22	2,265142E+22	2,265124E+22	2,374170E+22	2,493387E+22
-1926	2,529343E+22	2,472419E+22	2,399366E+22	2,399405E+22	2,472512E+22	2,529445E+22	2,493466E+22	2,374217E+22	2,265138E+22	2,265137E+22	2,374214E+22	2,493473E+22
-1925	2,529478E+22	2,472536E+22	2,399396E+22	2,399387E+22	2,472487E+22	2,529421E+22	2,493437E+22	2,374181E+22	2,265108E+22	2,265135E+22	2,374237E+22	2,493462E+22
-1924	2,529394E+22	2,472423E+22	2,399287E+22	2,399293E+22	2,472431E+22	2,529405E+22	2,493448E+22	2,374195E+22	2,265098E+22	2,265075E+22	2,374142E+22	2,493393E+22
-1923	2,529388E+22	2,472490E+22	2,399397E+22	2,399379E+22	2,472474E+22	2,529417E+22	2,493450E+22	2,374205E+22	2,265122E+22	2,265115E+22	2,374204E+22	2,493486E+22
-1922	2,529480E+22	2,472522E+22	2,399397E+22	2,399383E+22	2,472464E+22	2,529385E+22	2,493411E+22	2,374171E+22	2,265103E+22	2,265108E+22	2,374172E+22	2,493393E+22
-1921	2,529358E+22	2,472413E+22	2,399323E+22	2,399364E+22	2,472480E+22	2,529412E+22	2,493435E+22	2,374187E+22	2,265105E+22	2,265097E+22	2,374169E+22	2,493406E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1920	2,529404E+22	2,472520E+22	2,399430E+22	2,399432E+22	2,472529E+22	2,529446E+22	2,493449E+22	2,374196E+22	2,265129E+22	2,265152E+22	2,374260E+22	2,493505E+22
-1919	2,529435E+22	2,472467E+22	2,399361E+22	2,399367E+22	2,472483E+22	2,529441E+22	2,493479E+22	2,374219E+22	2,265127E+22	2,265113E+22	2,374169E+22	2,493399E+22
-1918	2,529363E+22	2,472427E+22	2,399359E+22	2,399392E+22	2,472503E+22	2,529452E+22	2,493494E+22	2,374262E+22	2,265185E+22	2,265162E+22	2,374204E+22	2,493445E+22
-1917	2,529477E+22	2,472589E+22	2,399469E+22	2,399439E+22	2,472506E+22	2,529423E+22	2,493459E+22	2,374247E+22	2,265208E+22	2,265223E+22	2,374281E+22	2,493475E+22
-1916	2,529411E+22	2,472482E+22	2,399391E+22	2,399391E+22	2,472478E+22	2,529406E+22	2,493458E+22	2,374263E+22	2,265226E+22	2,265208E+22	2,374215E+22	2,493399E+22
-1915	2,529365E+22	2,472491E+22	2,399460E+22	2,399475E+22	2,472542E+22	2,529440E+22	2,493467E+22	2,374271E+22	2,265249E+22	2,265258E+22	2,374303E+22	2,493525E+22
-1914	2,529499E+22	2,472569E+22	2,399486E+22	2,399493E+22	2,472550E+22	2,529433E+22	2,493444E+22	2,374232E+22	2,265212E+22	2,265243E+22	2,374295E+22	2,493482E+22
-1913	2,529414E+22	2,472474E+22	2,399394E+22	2,399424E+22	2,472524E+22	2,529449E+22	2,493485E+22	2,374265E+22	2,265205E+22	2,265191E+22	2,374232E+22	2,493449E+22
-1912	2,529436E+22	2,472569E+22	2,399503E+22	2,399486E+22	2,472547E+22	2,529455E+22	2,493487E+22	2,374278E+22	2,265234E+22	2,265232E+22	2,374292E+22	2,493532E+22
-1911	2,529497E+22	2,472563E+22	2,399471E+22	2,399452E+22	2,472514E+22	2,529435E+22	2,493483E+22	2,374267E+22	2,265214E+22	2,265195E+22	2,374204E+22	2,493392E+22
-1910	2,529365E+22	2,472463E+22	2,399410E+22	2,399444E+22	2,472529E+22	2,529444E+22	2,493483E+22	2,374278E+22	2,265227E+22	2,265205E+22	2,374219E+22	2,493414E+22
-1909	2,529426E+22	2,472580E+22	2,399495E+22	2,399477E+22	2,472543E+22	2,529438E+22	2,493450E+22	2,374233E+22	2,265201E+22	2,265227E+22	2,374300E+22	2,493502E+22
-1908	2,529410E+22	2,472463E+22	2,399379E+22	2,399389E+22	2,472489E+22	2,529424E+22	2,493458E+22	2,374234E+22	2,265177E+22	2,265160E+22	2,374190E+22	2,493401E+22
-1907	2,529351E+22	2,472423E+22	2,399365E+22	2,399401E+22	2,472506E+22	2,529438E+22	2,493474E+22	2,374246E+22	2,265179E+22	2,265170E+22	2,374234E+22	2,493492E+22
-1906	2,529497E+22	2,472555E+22	2,399421E+22	2,399412E+22	2,472495E+22	2,529409E+22	2,493430E+22	2,374194E+22	2,265137E+22	2,265154E+22	2,374233E+22	2,493456E+22
-1905	2,529406E+22	2,472464E+22	2,399340E+22	2,399333E+22	2,472443E+22	2,529399E+22	2,493449E+22	2,374215E+22	2,265129E+22	2,265104E+22	2,374157E+22	2,493386E+22
-1904	2,529367E+22	2,472498E+22	2,399436E+22	2,399422E+22	2,472489E+22	2,529400E+22	2,493430E+22	2,374213E+22	2,265161E+22	2,265164E+22	2,374241E+22	2,493499E+22
-1903	2,529470E+22	2,472521E+22	2,399423E+22	2,399423E+22	2,472501E+22	2,529413E+22	2,493427E+22	2,374183E+22	2,265129E+22	2,265140E+22	2,374193E+22	2,493399E+22
-1902	2,529353E+22	2,472409E+22	2,399327E+22	2,399384E+22	2,472513E+22	2,529447E+22	2,493467E+22	2,374222E+22	2,265147E+22	2,265138E+22	2,374189E+22	2,493408E+22
-1901	2,529409E+22	2,472544E+22	2,399448E+22	2,399435E+22	2,472525E+22	2,529445E+22	2,493463E+22	2,374226E+22	2,265167E+22	2,265180E+22	2,374273E+22	2,493518E+22
-1900	2,529454E+22	2,472503E+22	2,399400E+22	2,399391E+22	2,472482E+22	2,529423E+22	2,493473E+22	2,374257E+22	2,265199E+22	2,265168E+22	2,374180E+22	2,493384E+22
-1899	2,529351E+22	2,472444E+22	2,399397E+22	2,399422E+22	2,472506E+22	2,529432E+22	2,493490E+22	2,374299E+22	2,265255E+22	2,265233E+22	2,374248E+22	2,493458E+22
-1898	2,529470E+22	2,472591E+22	2,399508E+22	2,399501E+22	2,472545E+22	2,529420E+22	2,493440E+22	2,374248E+22	2,265242E+22	2,265271E+22	2,374316E+22	2,493492E+22
-1897	2,529418E+22	2,472500E+22	2,399426E+22	2,399434E+22	2,472516E+22	2,529431E+22	2,493469E+22	2,374272E+22	2,265243E+22	2,265238E+22	2,374254E+22	2,493429E+22
-1896	2,529370E+22	2,472500E+22	2,399482E+22	2,399498E+22	2,472554E+22	2,529445E+22	2,493475E+22	2,374290E+22	2,265277E+22	2,265287E+22	2,374329E+22	2,493555E+22
-1895	2,529528E+22	2,472595E+22	2,399508E+22	2,399506E+22	2,472561E+22	2,529452E+22	2,493474E+22	2,374265E+22	2,265244E+22	2,265255E+22	2,374281E+22	2,493465E+22
-1894	2,529419E+22	2,472502E+22	2,399421E+22	2,399440E+22	2,472534E+22	2,529461E+22	2,493510E+22	2,374311E+22	2,265264E+22	2,265232E+22	2,374229E+22	2,493414E+22
-1893	2,529416E+22	2,472595E+22	2,399549E+22	2,399514E+22	2,472542E+22	2,529431E+22	2,493476E+22	2,374297E+22	2,265278E+22	2,265276E+22	2,374309E+22	2,493523E+22
-1892	2,529478E+22	2,472562E+22	2,399502E+22	2,399494E+22	2,472534E+22	2,529419E+22	2,493455E+22	2,374276E+22	2,265267E+22	2,265253E+22	2,374235E+22	2,493389E+22
-1891	2,529338E+22	2,472440E+22	2,399407E+22	2,399454E+22	2,472544E+22	2,529451E+22	2,493483E+22	2,374288E+22	2,265262E+22	2,265256E+22	2,374269E+22	2,493451E+22
-1890	2,529432E+22	2,472561E+22	2,399492E+22	2,399493E+22	2,472559E+22	2,529443E+22	2,493449E+22	2,374231E+22	2,265207E+22	2,265238E+22	2,374311E+22	2,493525E+22
-1889	2,529445E+22	2,472494E+22	2,399398E+22	2,399393E+22	2,472488E+22	2,529427E+22	2,493472E+22	2,374253E+22	2,265189E+22	2,265167E+22	2,374197E+22	2,493409E+22
-1888	2,529364E+22	2,472455E+22	2,399402E+22	2,399412E+22	2,472487E+22	2,529408E+22	2,493460E+22	2,374263E+22	2,265216E+22	2,265200E+22	2,374243E+22	2,493492E+22
-1887	2,529503E+22	2,472583E+22	2,399470E+22	2,399451E+22	2,472510E+22	2,529407E+22	2,493430E+22	2,374209E+22	2,265171E+22	2,265184E+22	2,374233E+22	2,493432E+22
-1886	2,529389E+22	2,472473E+22	2,399376E+22	2,399383E+22	2,472490E+22	2,529423E+22	2,493457E+22	2,374233E+22	2,265171E+22	2,265153E+22	2,374180E+22	2,493373E+22
-1885	2,529345E+22	2,472501E+22	2,399462E+22	2,399452E+22	2,472515E+22	2,529417E+22	2,493438E+22	2,374221E+22	2,265182E+22	2,265195E+22	2,374267E+22	2,493518E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1884	2,529475E+22	2,472524E+22	2,399442E+22	2,399452E+22	2,472528E+22	2,529428E+22	2,493440E+22	2,374216E+22	2,265179E+22	2,265180E+22	2,374209E+22	2,493404E+22
-1883	2,529356E+22	2,472415E+22	2,399332E+22	2,399383E+22	2,472516E+22	2,529457E+22	2,493495E+22	2,374274E+22	2,265213E+22	2,265192E+22	2,374218E+22	2,493422E+22
-1882	2,529415E+22	2,472551E+22	2,399475E+22	2,399460E+22	2,472528E+22	2,529436E+22	2,493467E+22	2,374259E+22	2,265222E+22	2,265228E+22	2,374287E+22	2,493516E+22
-1881	2,529465E+22	2,472538E+22	2,399453E+22	2,399431E+22	2,472491E+22	2,529412E+22	2,493471E+22	2,374285E+22	2,265250E+22	2,265227E+22	2,374225E+22	2,493396E+22
-1880	2,529341E+22	2,472452E+22	2,399432E+22	2,399457E+22	2,472512E+22	2,529406E+22	2,493461E+22	2,374303E+22	2,265299E+22	2,265294E+22	2,374301E+22	2,493492E+22
-1879	2,529481E+22	2,472598E+22	2,399533E+22	2,399529E+22	2,472572E+22	2,529440E+22	2,493447E+22	2,374250E+22	2,265260E+22	2,265299E+22	2,374338E+22	2,493508E+22
-1878	2,529436E+22	2,472521E+22	2,399451E+22	2,399459E+22	2,472541E+22	2,529454E+22	2,493491E+22	2,374295E+22	2,265270E+22	2,265261E+22	2,374259E+22	2,493424E+22
-1877	2,529386E+22	2,472538E+22	2,399516E+22	2,399510E+22	2,472549E+22	2,529438E+22	2,493481E+22	2,374309E+22	2,265301E+22	2,265299E+22	2,374322E+22	2,493546E+22
-1876	2,529539E+22	2,472632E+22	2,399561E+22	2,399545E+22	2,472572E+22	2,529439E+22	2,493467E+22	2,374299E+22	2,265306E+22	2,265296E+22	2,374276E+22	2,493430E+22
-1875	2,529392E+22	2,472506E+22	2,399456E+22	2,399475E+22	2,472550E+22	2,529458E+22	2,493512E+22	2,374344E+22	2,265326E+22	2,265295E+22	2,374262E+22	2,493409E+22
-1874	2,529385E+22	2,472568E+22	2,399568E+22	2,399563E+22	2,472580E+22	2,529441E+22	2,493470E+22	2,374302E+22	2,265308E+22	2,265317E+22	2,374338E+22	2,493531E+22
-1873	2,529474E+22	2,472559E+22	2,399517E+22	2,399519E+22	2,472560E+22	2,529442E+22	2,493472E+22	2,374289E+22	2,265282E+22	2,265284E+22	2,374278E+22	2,493419E+22
-1872	2,529341E+22	2,472432E+22	2,399406E+22	2,399452E+22	2,472536E+22	2,529443E+22	2,493486E+22	2,374306E+22	2,265289E+22	2,265285E+22	2,374298E+22	2,493486E+22
-1871	2,529468E+22	2,472584E+22	2,399502E+22	2,399486E+22	2,472553E+22	2,529452E+22	2,493466E+22	2,374253E+22	2,265233E+22	2,265253E+22	2,374307E+22	2,493518E+22
-1870	2,529462E+22	2,472531E+22	2,399436E+22	2,399409E+22	2,472487E+22	2,529425E+22	2,493480E+22	2,374281E+22	2,265234E+22	2,265205E+22	2,374199E+22	2,493383E+22
-1869	2,529357E+22	2,472486E+22	2,399454E+22	2,399448E+22	2,472488E+22	2,529384E+22	2,493438E+22	2,374265E+22	2,265244E+22	2,265236E+22	2,374261E+22	2,493488E+22
-1868	2,529496E+22	2,472591E+22	2,399510E+22	2,399504E+22	2,472546E+22	2,529404E+22	2,493407E+22	2,374215E+22	2,265214E+22	2,265229E+22	2,374255E+22	2,493427E+22
-1867	2,529368E+22	2,472456E+22	2,399383E+22	2,399405E+22	2,472522E+22	2,529450E+22	2,493476E+22	2,374254E+22	2,265207E+22	2,265197E+22	2,374219E+22	2,493400E+22
-1866	2,529348E+22	2,472483E+22	2,399468E+22	2,399477E+22	2,472537E+22	2,529437E+22	2,493460E+22	2,374245E+22	2,265205E+22	2,265213E+22	2,374274E+22	2,493525E+22
-1865	2,529498E+22	2,472553E+22	2,399467E+22	2,399461E+22	2,472527E+22	2,529437E+22	2,493468E+22	2,374257E+22	2,265216E+22	2,265210E+22	2,374227E+22	2,493405E+22
-1864	2,529357E+22	2,472438E+22	2,399372E+22	2,399397E+22	2,472495E+22	2,529426E+22	2,493488E+22	2,374308E+22	2,265277E+22	2,265252E+22	2,374248E+22	2,493430E+22
-1863	2,529426E+22	2,472576E+22	2,399517E+22	2,399490E+22	2,472538E+22	2,529432E+22	2,493460E+22	2,374274E+22	2,265270E+22	2,265282E+22	2,374311E+22	2,493507E+22
-1862	2,529458E+22	2,472551E+22	2,399490E+22	2,399475E+22	2,472525E+22	2,529424E+22	2,493470E+22	2,374298E+22	2,265293E+22	2,265285E+22	2,374261E+22	2,493400E+22
-1861	2,529342E+22	2,472469E+22	2,399468E+22	2,399493E+22	2,472533E+22	2,529410E+22	2,493455E+22	2,374302E+22	2,265316E+22	2,265323E+22	2,374330E+22	2,493519E+22
-1860	2,529504E+22	2,472617E+22	2,399566E+22	2,399567E+22	2,472597E+22	2,529443E+22	2,493449E+22	2,374278E+22	2,265304E+22	2,265327E+22	2,374342E+22	2,493505E+22
-1859	2,529442E+22	2,472538E+22	2,399476E+22	2,399476E+22	2,472554E+22	2,529470E+22	2,493517E+22	2,374340E+22	2,265325E+22	2,265304E+22	2,374275E+22	2,493421E+22
-1858	2,529381E+22	2,472544E+22	2,399557E+22	2,399552E+22	2,472561E+22	2,529437E+22	2,493489E+22	2,374338E+22	2,265347E+22	2,265336E+22	2,374325E+22	2,493521E+22
-1857	2,529525E+22	2,472649E+22	2,399607E+22	2,399590E+22	2,472592E+22	2,529441E+22	2,493473E+22	2,374322E+22	2,265346E+22	2,265350E+22	2,374318E+22	2,493431E+22
-1856	2,529363E+22	2,472489E+22	2,399470E+22	2,399498E+22	2,472560E+22	2,529449E+22	2,493497E+22	2,374352E+22	2,265368E+22	2,265354E+22	2,374316E+22	2,493444E+22
-1855	2,529395E+22	2,472555E+22	2,399559E+22	2,399562E+22	2,472594E+22	2,529467E+22	2,493483E+22	2,374307E+22	2,265324E+22	2,265342E+22	2,374360E+22	2,493550E+22
-1854	2,529496E+22	2,472572E+22	2,399521E+22	2,399519E+22	2,472563E+22	2,529453E+22	2,493492E+22	2,374313E+22	2,265307E+22	2,265305E+22	2,374286E+22	2,493425E+22
-1853	2,529371E+22	2,472472E+22	2,399434E+22	2,399453E+22	2,472512E+22	2,529416E+22	2,493476E+22	2,374315E+22	2,265305E+22	2,265294E+22	2,374295E+22	2,493485E+22
-1852	2,529489E+22	2,472625E+22	2,399557E+22	2,399524E+22	2,472552E+22	2,529421E+22	2,493445E+22	2,374273E+22	2,265280E+22	2,265285E+22	2,374303E+22	2,493489E+22
-1851	2,529444E+22	2,472544E+22	2,399479E+22	2,399454E+22	2,472511E+22	2,529426E+22	2,493477E+22	2,374296E+22	2,265275E+22	2,265253E+22	2,374229E+22	2,493379E+22
-1850	2,529332E+22	2,472468E+22	2,399483E+22	2,399503E+22	2,472531E+22	2,529405E+22	2,493440E+22	2,374267E+22	2,265261E+22	2,265263E+22	2,374277E+22	2,493484E+22
-1849	2,529490E+22	2,472595E+22	2,399535E+22	2,399539E+22	2,472582E+22	2,529441E+22	2,493439E+22	2,374237E+22	2,265231E+22	2,265257E+22	2,374288E+22	2,493443E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1848	2,529367E+22	2,472449E+22	2,399385E+22	2,399409E+22	2,472518E+22	2,529451E+22	2,493493E+22	2,374293E+22	2,265254E+22	2,265236E+22	2,374245E+22	2,493421E+22
-1847	2,529372E+22	2,472495E+22	2,399471E+22	2,399468E+22	2,472534E+22	2,529451E+22	2,493486E+22	2,374286E+22	2,265257E+22	2,265251E+22	2,374280E+22	2,493510E+22
-1846	2,529502E+22	2,472582E+22	2,399509E+22	2,399484E+22	2,472523E+22	2,529425E+22	2,493476E+22	2,374298E+22	2,265283E+22	2,265274E+22	2,374252E+22	2,493392E+22
-1845	2,529352E+22	2,472461E+22	2,399419E+22	2,399435E+22	2,472490E+22	2,529389E+22	2,493454E+22	2,374310E+22	2,265317E+22	2,265309E+22	2,374291E+22	2,493446E+22
-1844	2,529430E+22	2,472590E+22	2,399559E+22	2,399543E+22	2,472567E+22	2,529417E+22	2,493430E+22	2,374276E+22	2,265313E+22	2,265335E+22	2,374349E+22	2,493521E+22
-1843	2,529459E+22	2,472555E+22	2,399511E+22	2,399505E+22	2,472554E+22	2,529445E+22	2,493479E+22	2,374309E+22	2,265320E+22	2,265324E+22	2,374300E+22	2,493429E+22
-1842	2,529357E+22	2,472475E+22	2,399495E+22	2,399529E+22	2,472557E+22	2,529428E+22	2,493472E+22	2,374320E+22	2,265331E+22	2,265330E+22	2,374325E+22	2,493514E+22
-1841	2,529526E+22	2,472661E+22	2,399613E+22	2,399600E+22	2,472612E+22	2,529458E+22	2,493476E+22	2,374315E+22	2,265336E+22	2,265351E+22	2,374350E+22	2,493490E+22
-1840	2,529430E+22	2,472553E+22	2,399518E+22	2,399510E+22	2,472554E+22	2,529455E+22	2,493521E+22	2,374379E+22	2,265387E+22	2,265358E+22	2,374298E+22	2,493418E+22
-1839	2,529374E+22	2,472545E+22	2,399578E+22	2,399583E+22	2,472590E+22	2,529457E+22	2,493500E+22	2,374363E+22	2,265394E+22	2,265387E+22	2,374349E+22	2,493506E+22
-1838	2,529504E+22	2,472646E+22	2,399625E+22	2,399620E+22	2,472621E+22	2,529463E+22	2,493490E+22	2,374346E+22	2,265388E+22	2,265402E+22	2,374355E+22	2,493442E+22
-1837	2,529365E+22	2,472492E+22	2,399480E+22	2,399509E+22	2,472559E+22	2,529443E+22	2,493497E+22	2,374359E+22	2,265386E+22	2,265383E+22	2,374349E+22	2,493478E+22
-1836	2,529427E+22	2,472576E+22	2,399573E+22	2,399573E+22	2,472591E+22	2,529449E+22	2,493480E+22	2,374335E+22	2,265365E+22	2,265367E+22	2,374367E+22	2,493550E+22
-1835	2,529511E+22	2,472598E+22	2,399540E+22	2,399524E+22	2,472556E+22	2,529448E+22	2,493501E+22	2,374344E+22	2,265351E+22	2,265341E+22	2,374302E+22	2,493425E+22
-1834	2,529372E+22	2,472492E+22	2,399484E+22	2,399497E+22	2,472517E+22	2,529399E+22	2,493466E+22	2,374325E+22	2,265332E+22	2,265317E+22	2,374296E+22	2,493465E+22
-1833	2,529480E+22	2,472647E+22	2,399606E+22	2,399577E+22	2,472578E+22	2,529420E+22	2,493437E+22	2,374276E+22	2,265297E+22	2,265320E+22	2,374337E+22	2,493485E+22
-1832	2,529414E+22	2,472527E+22	2,399496E+22	2,399489E+22	2,472534E+22	2,529430E+22	2,493471E+22	2,374302E+22	2,265303E+22	2,265294E+22	2,374268E+22	2,493405E+22
-1831	2,529339E+22	2,472457E+22	2,399472E+22	2,399507E+22	2,472556E+22	2,529443E+22	2,493466E+22	2,374282E+22	2,265279E+22	2,265282E+22	2,374286E+22	2,493480E+22
-1830	2,529492E+22	2,472604E+22	2,399541E+22	2,399544E+22	2,472587E+22	2,529458E+22	2,493471E+22	2,374279E+22	2,265272E+22	2,265284E+22	2,374291E+22	2,493438E+22
-1829	2,529383E+22	2,472479E+22	2,399411E+22	2,399416E+22	2,472496E+22	2,529424E+22	2,493488E+22	2,374319E+22	2,265299E+22	2,265273E+22	2,374259E+22	2,493423E+22
-1828	2,529386E+22	2,472529E+22	2,399516E+22	2,399504E+22	2,472527E+22	2,529411E+22	2,493464E+22	2,374317E+22	2,265325E+22	2,265308E+22	2,374301E+22	2,493496E+22
-1827	2,529487E+22	2,472592E+22	2,399544E+22	2,399527E+22	2,472546E+22	2,529422E+22	2,493467E+22	2,374314E+22	2,265333E+22	2,265340E+22	2,374306E+22	2,493411E+22
-1826	2,529341E+22	2,472459E+22	2,399458E+22	2,399492E+22	2,472527E+22	2,529400E+22	2,493449E+22	2,374306E+22	2,265331E+22	2,265337E+22	2,374320E+22	2,493462E+22
-1825	2,529443E+22	2,472611E+22	2,399596E+22	2,399588E+22	2,472601E+22	2,529444E+22	2,493452E+22	2,374289E+22	2,265323E+22	2,265359E+22	2,374383E+22	2,493540E+22
-1824	2,529468E+22	2,472567E+22	2,399533E+22	2,399530E+22	2,472566E+22	2,529454E+22	2,493499E+22	2,374346E+22	2,265364E+22	2,265357E+22	2,374317E+22	2,493443E+22
-1823	2,529383E+22	2,472504E+22	2,399514E+22	2,399538E+22	2,472571E+22	2,529455E+22	2,493504E+22	2,374364E+22	2,265384E+22	2,265365E+22	2,374320E+22	2,493481E+22
-1822	2,529511E+22	2,472688E+22	2,399661E+22	2,399638E+22	2,472623E+22	2,529461E+22	2,493498E+22	2,374367E+22	2,265407E+22	2,265410E+22	2,374365E+22	2,493471E+22
-1821	2,529414E+22	2,472560E+22	2,399551E+22	2,399548E+22	2,472560E+22	2,529432E+22	2,493503E+22	2,374395E+22	2,265437E+22	2,265417E+22	2,374342E+22	2,493435E+22
-1820	2,529371E+22	2,472543E+22	2,399592E+22	2,399614E+22	2,472607E+22	2,529445E+22	2,493487E+22	2,374381E+22	2,265442E+22	2,265438E+22	2,374389E+22	2,493525E+22
-1819	2,529503E+22	2,472642E+22	2,399625E+22	2,399628E+22	2,472630E+22	2,529474E+22	2,493503E+22	2,374364E+22	2,265417E+22	2,265439E+22	2,374397E+22	2,493478E+22
-1818	2,529384E+22	2,472505E+22	2,399501E+22	2,399523E+22	2,472554E+22	2,529434E+22	2,493496E+22	2,374368E+22	2,265396E+22	2,265385E+22	2,374345E+22	2,493479E+22
-1817	2,529453E+22	2,472629E+22	2,399624E+22	2,399600E+22	2,472589E+22	2,529437E+22	2,493478E+22	2,374346E+22	2,265383E+22	2,265388E+22	2,374376E+22	2,493539E+22
-1816	2,529503E+22	2,472620E+22	2,399585E+22	2,399563E+22	2,472557E+22	2,529422E+22	2,493481E+22	2,374355E+22	2,265390E+22	2,265379E+22	2,374316E+22	2,493420E+22
-1815	2,529365E+22	2,472497E+22	2,399502E+22	2,399533E+22	2,472559E+22	2,529426E+22	2,493468E+22	2,374331E+22	2,265356E+22	2,265345E+22	2,374304E+22	2,493443E+22
-1814	2,529450E+22	2,472643E+22	2,399629E+22	2,399618E+22	2,472620E+22	2,529454E+22	2,493463E+22	2,374300E+22	2,265327E+22	2,265349E+22	2,374352E+22	2,493489E+22
-1813	2,529409E+22	2,472520E+22	2,399499E+22	2,399504E+22	2,472542E+22	2,529435E+22	2,493484E+22	2,374322E+22	2,265327E+22	2,265317E+22	2,374290E+22	2,493427E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1812	2,529360E+22	2,472469E+22	2,399474E+22	2,399513E+22	2,472554E+22	2,529435E+22	2,493481E+22	2,374330E+22	2,265335E+22	2,265316E+22	2,374297E+22	2,493476E+22
-1811	2,529491E+22	2,472621E+22	2,399555E+22	2,399545E+22	2,472576E+22	2,529452E+22	2,493487E+22	2,374321E+22	2,265334E+22	2,265340E+22	2,374323E+22	2,493443E+22
-1810	2,529375E+22	2,472496E+22	2,399458E+22	2,399455E+22	2,472492E+22	2,529395E+22	2,493471E+22	2,374333E+22	2,265340E+22	2,265318E+22	2,374284E+22	2,493421E+22
-1809	2,529385E+22	2,472557E+22	2,399566E+22	2,399557E+22	2,472551E+22	2,529400E+22	2,493443E+22	2,374313E+22	2,265351E+22	2,265361E+22	2,374354E+22	2,493515E+22
-1808	2,529476E+22	2,472591E+22	2,399565E+22	2,399564E+22	2,472569E+22	2,529423E+22	2,493457E+22	2,374316E+22	2,265362E+22	2,265382E+22	2,374350E+22	2,493453E+22
-1807	2,529369E+22	2,472473E+22	2,399464E+22	2,399510E+22	2,472561E+22	2,529440E+22	2,493474E+22	2,374323E+22	2,265348E+22	2,265350E+22	2,374322E+22	2,493461E+22
-1806	2,529457E+22	2,472644E+22	2,399631E+22	2,399616E+22	2,472619E+22	2,529465E+22	2,493490E+22	2,374338E+22	2,265368E+22	2,265378E+22	2,374372E+22	2,493528E+22
-1805	2,529479E+22	2,472603E+22	2,399578E+22	2,399560E+22	2,472563E+22	2,529438E+22	2,493504E+22	2,374383E+22	2,265418E+22	2,265398E+22	2,374325E+22	2,493433E+22
-1804	2,529383E+22	2,472533E+22	2,399560E+22	2,399585E+22	2,472582E+22	2,529433E+22	2,493501E+22	2,374410E+22	2,265460E+22	2,265429E+22	2,374343E+22	2,493458E+22
-1803	2,529474E+22	2,472680E+22	2,399684E+22	2,399677E+22	2,472654E+22	2,529473E+22	2,493504E+22	2,374395E+22	2,265468E+22	2,265483E+22	2,374422E+22	2,493490E+22
-1802	2,529395E+22	2,472550E+22	2,399576E+22	2,399586E+22	2,472584E+22	2,529439E+22	2,493503E+22	2,374403E+22	2,265463E+22	2,265454E+22	2,374378E+22	2,493462E+22
-1801	2,529388E+22	2,472559E+22	2,399611E+22	2,399635E+22	2,472619E+22	2,529448E+22	2,493494E+22	2,374390E+22	2,265457E+22	2,265468E+22	2,374425E+22	2,493550E+22
-1800	2,529516E+22	2,472654E+22	2,399634E+22	2,399632E+22	2,472623E+22	2,529462E+22	2,493504E+22	2,374388E+22	2,265453E+22	2,265468E+22	2,374414E+22	2,493499E+22
-1799	2,529415E+22	2,472542E+22	2,399523E+22	2,399531E+22	2,472559E+22	2,529441E+22	2,493501E+22	2,374385E+22	2,265425E+22	2,265405E+22	2,374336E+22	2,493450E+22
-1798	2,529439E+22	2,472656E+22	2,399675E+22	2,399644E+22	2,472604E+22	2,529432E+22	2,493479E+22	2,374369E+22	2,265422E+22	2,265420E+22	2,374378E+22	2,493523E+22
-1797	2,529486E+22	2,472621E+22	2,399614E+22	2,399606E+22	2,472581E+22	2,529412E+22	2,493458E+22	2,374351E+22	2,265413E+22	2,265414E+22	2,374344E+22	2,493432E+22
-1796	2,529362E+22	2,472494E+22	2,399508E+22	2,399559E+22	2,472582E+22	2,529430E+22	2,493470E+22	2,374350E+22	2,265388E+22	2,265376E+22	2,374324E+22	2,493446E+22
-1795	2,529435E+22	2,472629E+22	2,399619E+22	2,399620E+22	2,472634E+22	2,529478E+22	2,493493E+22	2,374333E+22	2,265360E+22	2,265378E+22	2,374375E+22	2,493506E+22
-1794	2,529414E+22	2,472531E+22	2,399517E+22	2,399511E+22	2,472534E+22	2,529427E+22	2,493493E+22	2,374350E+22	2,265356E+22	2,265331E+22	2,374288E+22	2,493426E+22
-1793	2,529375E+22	2,472509E+22	2,399515E+22	2,399532E+22	2,472545E+22	2,529415E+22	2,493478E+22	2,374350E+22	2,265374E+22	2,265360E+22	2,374321E+22	2,493472E+22
-1792	2,529478E+22	2,472634E+22	2,399591E+22	2,399577E+22	2,472576E+22	2,529425E+22	2,493468E+22	2,374339E+22	2,265386E+22	2,265399E+22	2,374362E+22	2,493461E+22
-1791	2,529381E+22	2,472510E+22	2,399480E+22	2,399489E+22	2,472533E+22	2,529415E+22	2,493464E+22	2,374334E+22	2,265368E+22	2,265358E+22	2,374307E+22	2,493419E+22
-1790	2,529376E+22	2,472573E+22	2,399607E+22	2,399604E+22	2,472591E+22	2,529426E+22	2,493460E+22	2,374334E+22	2,265381E+22	2,265390E+22	2,374372E+22	2,493534E+22
-1789	2,529494E+22	2,472605E+22	2,399589E+22	2,399595E+22	2,472588E+22	2,529426E+22	2,493464E+22	2,374338E+22	2,265393E+22	2,265408E+22	2,374365E+22	2,493470E+22
-1788	2,529396E+22	2,472506E+22	2,399492E+22	2,399535E+22	2,472572E+22	2,529438E+22	2,493497E+22	2,374382E+22	2,265413E+22	2,265388E+22	2,374324E+22	2,493443E+22
-1787	2,529443E+22	2,472664E+22	2,399668E+22	2,399643E+22	2,472629E+22	2,529473E+22	2,493516E+22	2,374395E+22	2,265443E+22	2,265442E+22	2,374398E+22	2,493517E+22
-1786	2,529452E+22	2,472612E+22	2,399630E+22	2,399608E+22	2,472574E+22	2,529421E+22	2,493496E+22	2,374408E+22	2,265473E+22	2,265455E+22	2,374356E+22	2,493430E+22
-1785	2,529368E+22	2,472543E+22	2,399596E+22	2,399630E+22	2,472611E+22	2,529433E+22	2,493488E+22	2,374411E+22	2,265498E+22	2,265498E+22	2,374407E+22	2,493484E+22
-1784	2,529460E+22	2,472665E+22	2,399686E+22	2,399692E+22	2,472666E+22	2,529473E+22	2,493498E+22	2,374401E+22	2,265499E+22	2,265530E+22	2,374471E+22	2,493539E+22
-1783	2,529428E+22	2,472561E+22	2,399568E+22	2,399583E+22	2,472600E+22	2,529459E+22	2,493513E+22	2,374412E+22	2,265477E+22	2,265467E+22	2,374383E+22	2,493468E+22
-1782	2,529410E+22	2,472599E+22	2,399649E+22	2,399654E+22	2,472621E+22	2,529447E+22	2,493506E+22	2,374420E+22	2,265489E+22	2,265478E+22	2,374412E+22	2,493548E+22
-1781	2,529536E+22	2,472690E+22	2,399679E+22	2,399659E+22	2,472615E+22	2,529431E+22	2,493485E+22	2,374400E+22	2,265485E+22	2,265493E+22	2,374414E+22	2,493489E+22
-1780	2,529418E+22	2,472571E+22	2,399570E+22	2,399578E+22	2,472576E+22	2,529424E+22	2,493493E+22	2,374411E+22	2,265469E+22	2,265441E+22	2,374342E+22	2,493424E+22
-1779	2,529401E+22	2,472647E+22	2,399698E+22	2,399683E+22	2,472644E+22	2,529458E+22	2,493493E+22	2,374386E+22	2,265457E+22	2,265462E+22	2,374407E+22	2,493525E+22
-1778	2,529458E+22	2,472607E+22	2,399636E+22	2,399637E+22	2,472608E+22	2,529431E+22	2,493472E+22	2,374362E+22	2,265428E+22	2,265432E+22	2,374358E+22	2,493443E+22
-1777	2,529369E+22	2,472502E+22	2,399518E+22	2,399570E+22	2,472597E+22	2,529445E+22	2,493488E+22	2,374369E+22	2,265415E+22	2,265410E+22	2,374350E+22	2,493458E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-1776	2,529434E+22	2,472627E+22	2,399616E+22	2,399610E+22	2,472622E+22	2,529471E+22	2,493504E+22	2,374371E+22	2,265415E+22	2,265421E+22	2,374394E+22	2,493521E+22
-1775	2,529435E+22	2,472558E+22	2,399531E+22	2,399512E+22	2,472534E+22	2,529424E+22	2,493496E+22	2,374377E+22	2,265406E+22	2,265374E+22	2,374297E+22	2,493410E+22
-1774	2,529364E+22	2,472535E+22	2,399568E+22	2,399576E+22	2,472554E+22	2,529396E+22	2,493466E+22	2,374372E+22	2,265424E+22	2,265408E+22	2,374345E+22	2,493481E+22
-1773	2,529477E+22	2,472638E+22	2,399623E+22	2,399618E+22	2,472595E+22	2,529407E+22	2,493437E+22	2,374331E+22	2,265414E+22	2,265446E+22	2,374405E+22	2,493493E+22
-1772	2,529400E+22	2,472528E+22	2,399506E+22	2,399522E+22	2,472555E+22	2,529419E+22	2,493468E+22	2,374351E+22	2,265395E+22	2,265389E+22	2,374328E+22	2,493429E+22
-1771	2,529376E+22	2,472581E+22	2,399623E+22	2,399625E+22	2,472615E+22	2,529454E+22	2,493491E+22	2,374367E+22	2,265416E+22	2,265419E+22	2,374385E+22	2,493539E+22
-1770	2,529500E+22	2,472635E+22	2,399636E+22	2,399626E+22	2,472599E+22	2,529428E+22	2,493476E+22	2,374370E+22	2,265432E+22	2,265430E+22	2,374360E+22	2,493458E+22
-1769	2,529403E+22	2,472548E+22	2,399549E+22	2,399575E+22	2,472583E+22	2,529431E+22	2,493498E+22	2,374407E+22	2,265468E+22	2,265449E+22	2,374349E+22	2,493427E+22
-1768	2,529410E+22	2,472654E+22	2,399695E+22	2,399682E+22	2,472648E+22	2,529466E+22	2,493512E+22	2,374425E+22	2,265510E+22	2,265514E+22	2,374443E+22	2,493531E+22
-1767	2,529448E+22	2,472610E+22	2,399640E+22	2,399637E+22	2,472616E+22	2,529447E+22	2,493501E+22	2,374421E+22	2,265511E+22	2,265506E+22	2,374392E+22	2,493439E+22
-1766	2,529361E+22	2,472547E+22	2,399621E+22	2,399658E+22	2,472632E+22	2,529449E+22	2,493507E+22	2,374436E+22	2,265531E+22	2,265528E+22	2,374433E+22	2,493519E+22
-1765	2,529488E+22	2,472674E+22	2,399697E+22	2,399701E+22	2,472665E+22	2,529463E+22	2,493497E+22	2,374417E+22	2,265528E+22	2,265557E+22	2,374490E+22	2,493566E+22
-1764	2,529472E+22	2,472606E+22	2,399600E+22	2,399593E+22	2,472589E+22	2,529442E+22	2,493520E+22	2,374449E+22	2,265522E+22	2,265495E+22	2,374379E+22	2,493450E+22
-1763	2,529406E+22	2,472627E+22	2,399693E+22	2,399682E+22	2,472626E+22	2,529443E+22	2,493513E+22	2,374450E+22	2,265538E+22	2,265522E+22	2,374423E+22	2,493529E+22
-1762	2,529513E+22	2,472705E+22	2,399736E+22	2,399712E+22	2,472635E+22	2,529417E+22	2,493466E+22	2,374404E+22	2,265514E+22	2,265525E+22	2,374427E+22	2,493479E+22
-1761	2,529403E+22	2,472576E+22	2,399604E+22	2,399623E+22	2,472614E+22	2,529436E+22	2,493484E+22	2,374403E+22	2,265490E+22	2,265487E+22	2,374381E+22	2,493433E+22
-1760	2,529377E+22	2,472615E+22	2,399690E+22	2,399692E+22	2,472662E+22	2,529478E+22	2,493508E+22	2,374404E+22	2,265484E+22	2,265495E+22	2,374436E+22	2,493552E+22
-1759	2,529477E+22	2,472608E+22	2,399621E+22	2,399628E+22	2,472622E+22	2,529456E+22	2,493496E+22	2,374387E+22	2,265452E+22	2,265447E+22	2,374357E+22	2,493436E+22
-1758	2,529377E+22	2,472532E+22	2,399551E+22	2,399578E+22	2,472588E+22	2,529439E+22	2,493505E+22	2,374409E+22	2,265461E+22	2,265434E+22	2,374349E+22	2,493460E+22
-1757	2,529449E+22	2,472647E+22	2,399650E+22	2,399627E+22	2,472607E+22	2,529434E+22	2,493480E+22	2,374385E+22	2,265462E+22	2,265470E+22	2,374415E+22	2,493525E+22
-1756	2,529446E+22	2,472582E+22	2,399573E+22	2,399552E+22	2,472542E+22	2,529402E+22	2,493481E+22	2,374396E+22	2,265452E+22	2,265427E+22	2,374325E+22	2,493404E+22
-1755	2,529345E+22	2,472535E+22	2,399601E+22	2,399620E+22	2,472594E+22	2,529417E+22	2,493470E+22	2,374381E+22	2,265456E+22	2,265455E+22	2,374385E+22	2,493498E+22
-1754	2,529470E+22	2,472643E+22	2,399660E+22	2,399655E+22	2,472621E+22	2,529420E+22	2,493442E+22	2,374337E+22	2,265425E+22	2,265461E+22	2,374418E+22	2,493508E+22
-1753	2,529420E+22	2,472552E+22	2,399540E+22	2,399554E+22	2,472582E+22	2,529439E+22	2,493484E+22	2,374368E+22	2,265426E+22	2,265424E+22	2,374346E+22	2,493431E+22
-1752	2,529376E+22	2,472590E+22	2,399642E+22	2,399636E+22	2,472620E+22	2,529461E+22	2,493513E+22	2,374412E+22	2,265476E+22	2,265465E+22	2,374396E+22	2,493533E+22
-1751	2,529504E+22	2,472655E+22	2,399662E+22	2,399648E+22	2,472616E+22	2,529437E+22	2,493489E+22	2,374406E+22	2,265491E+22	2,265483E+22	2,374372E+22	2,493433E+22
-1750	2,529380E+22	2,472561E+22	2,399600E+22	2,399624E+22	2,472606E+22	2,529428E+22	2,493499E+22	2,374441E+22	2,265531E+22	2,265508E+22	2,374386E+22	2,493445E+22
-1749	2,529407E+22	2,472640E+22	2,399707E+22	2,399707E+22	2,472663E+22	2,529455E+22	2,493493E+22	2,374429E+22	2,265550E+22	2,265573E+22	2,374494E+22	2,493570E+22
-1748	2,529475E+22	2,472623E+22	2,399653E+22	2,399651E+22	2,472618E+22	2,529445E+22	2,493512E+22	2,374446E+22	2,265543E+22	2,265542E+22	2,374420E+22	2,493458E+22
-1747	2,529378E+22	2,472566E+22	2,399642E+22	2,399670E+22	2,472637E+22	2,529456E+22	2,493524E+22	2,374464E+22	2,265564E+22	2,265555E+22	2,374447E+22	2,493525E+22
-1746	2,529503E+22	2,472717E+22	2,399754E+22	2,399726E+22	2,472657E+22	2,529444E+22	2,493490E+22	2,374433E+22	2,265555E+22	2,265572E+22	2,374482E+22	2,493552E+22
-1745	2,529482E+22	2,472653E+22	2,399669E+22	2,399646E+22	2,472606E+22	2,529431E+22	2,493504E+22	2,374452E+22	2,265558E+22	2,265543E+22	2,374395E+22	2,493427E+22
-1744	2,529376E+22	2,472620E+22	2,399724E+22	2,399726E+22	2,472657E+22	2,529450E+22	2,493511E+22	2,374465E+22	2,265580E+22	2,265571E+22	2,374450E+22	2,493527E+22
-1743	2,529501E+22	2,472696E+22	2,399741E+22	2,399744E+22	2,472687E+22	2,529457E+22	2,493481E+22	2,374414E+22	2,265537E+22	2,265554E+22	2,374445E+22	2,493475E+22
-1742	2,529388E+22	2,472571E+22	2,399622E+22	2,399648E+22	2,472639E+22	2,529463E+22	2,493516E+22	2,374438E+22	2,265522E+22	2,265507E+22	2,374396E+22	2,493457E+22
-1741	2,529391E+22	2,472601E+22	2,399680E+22	2,399688E+22	2,472656E+22	2,529473E+22	2,493518E+22	2,374434E+22	2,265524E+22	2,265529E+22	2,374455E+22	2,493568E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1740	2,529508E+22	2,472637E+22	2,399640E+22	2,399623E+22	2,472595E+22	2,529438E+22	2,493511E+22	2,374432E+22	2,265505E+22	2,265490E+22	2,374371E+22	2,493423E+22
-1739	2,529369E+22	2,472548E+22	2,399584E+22	2,399597E+22	2,472580E+22	2,529422E+22	2,493502E+22	2,374433E+22	2,265512E+22	2,265491E+22	2,374380E+22	2,493454E+22
-1738	2,529435E+22	2,472663E+22	2,399700E+22	2,399670E+22	2,472616E+22	2,529408E+22	2,493446E+22	2,374376E+22	2,265485E+22	2,265510E+22	2,374448E+22	2,493537E+22
-1737	2,529454E+22	2,472600E+22	2,399611E+22	2,399595E+22	2,472574E+22	2,529406E+22	2,493455E+22	2,374369E+22	2,265462E+22	2,265469E+22	2,374365E+22	2,493422E+22
-1736	2,529342E+22	2,472523E+22	2,399604E+22	2,399637E+22	2,472615E+22	2,529437E+22	2,493485E+22	2,374392E+22	2,265473E+22	2,265477E+22	2,374402E+22	2,493517E+22
-1735	2,529498E+22	2,472663E+22	2,399669E+22	2,399671E+22	2,472649E+22	2,529448E+22	2,493468E+22	2,374365E+22	2,265450E+22	2,265470E+22	2,374406E+22	2,493489E+22
-1734	2,529424E+22	2,472588E+22	2,399593E+22	2,399586E+22	2,472589E+22	2,529444E+22	2,493510E+22	2,374419E+22	2,265481E+22	2,265451E+22	2,374343E+22	2,493421E+22
-1733	2,529373E+22	2,472594E+22	2,399676E+22	2,399669E+22	2,472622E+22	2,529443E+22	2,493508E+22	2,374444E+22	2,265541E+22	2,265529E+22	2,374425E+22	2,493527E+22
-1732	2,529500E+22	2,472670E+22	2,399700E+22	2,399686E+22	2,472627E+22	2,529432E+22	2,493496E+22	2,374441E+22	2,265550E+22	2,265550E+22	2,374413E+22	2,493430E+22
-1731	2,529357E+22	2,472555E+22	2,399624E+22	2,399657E+22	2,472632E+22	2,529448E+22	2,493513E+22	2,374464E+22	2,265578E+22	2,265569E+22	2,374436E+22	2,493467E+22
-1730	2,529411E+22	2,472652E+22	2,399737E+22	2,399733E+22	2,472671E+22	2,529453E+22	2,493492E+22	2,374441E+22	2,265576E+22	2,265602E+22	2,374519E+22	2,493594E+22
-1729	2,529511E+22	2,472661E+22	2,399689E+22	2,399678E+22	2,472631E+22	2,529444E+22	2,493507E+22	2,374456E+22	2,265579E+22	2,265584E+22	2,374442E+22	2,493463E+22
-1728	2,529389E+22	2,472589E+22	2,399674E+22	2,399690E+22	2,472639E+22	2,529453E+22	2,493533E+22	2,374496E+22	2,265613E+22	2,265597E+22	2,374461E+22	2,493520E+22
-1727	2,529510E+22	2,472743E+22	2,399793E+22	2,399769E+22	2,472683E+22	2,529446E+22	2,493490E+22	2,374452E+22	2,265594E+22	2,265610E+22	2,374491E+22	2,493525E+22
-1726	2,529454E+22	2,472664E+22	2,399724E+22	2,399709E+22	2,472644E+22	2,529442E+22	2,493507E+22	2,374472E+22	2,265597E+22	2,265579E+22	2,374423E+22	2,493441E+22
-1725	2,529365E+22	2,472595E+22	2,399724E+22	2,399751E+22	2,472682E+22	2,529461E+22	2,493509E+22	2,374470E+22	2,265607E+22	2,265612E+22	2,374486E+22	2,493547E+22
-1724	2,529514E+22	2,472696E+22	2,399739E+22	2,399744E+22	2,472686E+22	2,529471E+22	2,493513E+22	2,374448E+22	2,265563E+22	2,265579E+22	2,374461E+22	2,493480E+22
-1723	2,529394E+22	2,472579E+22	2,399629E+22	2,399648E+22	2,472633E+22	2,529470E+22	2,493542E+22	2,374477E+22	2,265564E+22	2,265537E+22	2,374409E+22	2,493457E+22
-1722	2,529402E+22	2,472633E+22	2,399713E+22	2,399693E+22	2,472629E+22	2,529439E+22	2,493505E+22	2,374451E+22	2,265558E+22	2,265554E+22	2,374459E+22	2,493560E+22
-1721	2,529517E+22	2,472671E+22	2,399690E+22	2,399663E+22	2,472599E+22	2,529411E+22	2,493479E+22	2,374426E+22	2,265541E+22	2,265545E+22	2,374402E+22	2,493417E+22
-1720	2,529352E+22	2,472544E+22	2,399610E+22	2,399634E+22	2,472602E+22	2,529421E+22	2,493488E+22	2,374433E+22	2,265538E+22	2,265533E+22	2,374415E+22	2,493467E+22
-1719	2,529437E+22	2,472664E+22	2,399712E+22	2,399705E+22	2,472657E+22	2,529434E+22	2,493452E+22	2,374373E+22	2,265492E+22	2,265526E+22	2,374462E+22	2,493539E+22
-1718	2,529453E+22	2,472613E+22	2,399647E+22	2,399636E+22	2,472606E+22	2,529434E+22	2,493484E+22	2,374398E+22	2,265483E+22	2,265476E+22	2,374372E+22	2,493441E+22
-1717	2,529363E+22	2,472527E+22	2,399611E+22	2,399646E+22	2,472620E+22	2,529442E+22	2,493501E+22	2,374429E+22	2,265519E+22	2,265508E+22	2,374408E+22	2,493510E+22
-1716	2,529514E+22	2,472698E+22	2,399703E+22	2,399683E+22	2,472635E+22	2,529445E+22	2,493501E+22	2,374423E+22	2,265514E+22	2,265517E+22	2,374413E+22	2,493461E+22
-1715	2,529400E+22	2,472598E+22	2,399637E+22	2,399628E+22	2,472597E+22	2,529436E+22	2,493521E+22	2,374465E+22	2,265555E+22	2,265524E+22	2,374382E+22	2,493412E+22
-1714	2,529349E+22	2,472596E+22	2,399712E+22	2,399709E+22	2,472635E+22	2,529425E+22	2,493487E+22	2,374453E+22	2,265586E+22	2,265590E+22	2,374476E+22	2,493547E+22
-1713	2,529503E+22	2,472678E+22	2,399727E+22	2,399724E+22	2,472654E+22	2,529436E+22	2,493478E+22	2,374431E+22	2,265583E+22	2,265614E+22	2,374472E+22	2,493463E+22
-1712	2,529367E+22	2,472554E+22	2,399630E+22	2,399668E+22	2,472641E+22	2,529457E+22	2,493524E+22	2,374482E+22	2,265606E+22	2,265604E+22	2,374468E+22	2,493498E+22
-1711	2,529451E+22	2,472686E+22	2,399758E+22	2,399753E+22	2,472686E+22	2,529458E+22	2,493501E+22	2,374462E+22	2,265603E+22	2,265619E+22	2,374517E+22	2,493585E+22
-1710	2,529524E+22	2,472711E+22	2,399759E+22	2,399728E+22	2,472644E+22	2,529440E+22	2,493515E+22	2,374489E+22	2,265622E+22	2,265605E+22	2,374443E+22	2,493460E+22
-1709	2,529388E+22	2,472599E+22	2,399713E+22	2,399737E+22	2,472658E+22	2,529443E+22	2,493523E+22	2,374515E+22	2,265661E+22	2,265646E+22	2,374482E+22	2,493511E+22
-1708	2,529502E+22	2,472757E+22	2,399829E+22	2,399810E+22	2,472708E+22	2,529463E+22	2,493512E+22	2,374482E+22	2,265632E+22	2,265652E+22	2,374517E+22	2,493518E+22
-1707	2,529426E+22	2,472647E+22	2,399737E+22	2,399740E+22	2,472674E+22	2,529473E+22	2,493538E+22	2,374502E+22	2,265633E+22	2,265619E+22	2,374454E+22	2,493450E+22
-1706	2,529360E+22	2,472592E+22	2,399727E+22	2,399758E+22	2,472684E+22	2,529464E+22	2,493522E+22	2,374492E+22	2,265633E+22	2,265634E+22	2,374503E+22	2,493561E+22
-1705	2,529536E+22	2,472722E+22	2,399754E+22	2,399749E+22	2,472681E+22	2,529462E+22	2,493507E+22	2,374462E+22	2,265604E+22	2,265621E+22	2,374479E+22	2,493479E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1704	2,529395E+22	2,472591E+22	2,399642E+22	2,399646E+22	2,472612E+22	2,529448E+22	2,493540E+22	2,374504E+22	2,265611E+22	2,265581E+22	2,374430E+22	2,493457E+22
-1703	2,529407E+22	2,472653E+22	2,399742E+22	2,399727E+22	2,472638E+22	2,529416E+22	2,493483E+22	2,374456E+22	2,265589E+22	2,265590E+22	2,374478E+22	2,493550E+22
-1702	2,529502E+22	2,472686E+22	2,399737E+22	2,399718E+22	2,472628E+22	2,529407E+22	2,493464E+22	2,374426E+22	2,265561E+22	2,265567E+22	2,374431E+22	2,493446E+22
-1701	2,529355E+22	2,472533E+22	2,399614E+22	2,399659E+22	2,472625E+22	2,529428E+22	2,493483E+22	2,374430E+22	2,265550E+22	2,265557E+22	2,374440E+22	2,493488E+22
-1700	2,529459E+22	2,472686E+22	2,399729E+22	2,399716E+22	2,472660E+22	2,529452E+22	2,493489E+22	2,374405E+22	2,265510E+22	2,265535E+22	2,374460E+22	2,493530E+22
-1699	2,529453E+22	2,472633E+22	2,399676E+22	2,399661E+22	2,472616E+22	2,529448E+22	2,493517E+22	2,374445E+22	2,265531E+22	2,265505E+22	2,374372E+22	2,493420E+22
-1698	2,529358E+22	2,472559E+22	2,399654E+22	2,399674E+22	2,472615E+22	2,529423E+22	2,493499E+22	2,374461E+22	2,265573E+22	2,265553E+22	2,374419E+22	2,493490E+22
-1697	2,529500E+22	2,472719E+22	2,399751E+22	2,399736E+22	2,472658E+22	2,529433E+22	2,493479E+22	2,374436E+22	2,265577E+22	2,265595E+22	2,374457E+22	2,493457E+22
-1696	2,529373E+22	2,472585E+22	2,399652E+22	2,399664E+22	2,472625E+22	2,529445E+22	2,493523E+22	2,374487E+22	2,265607E+22	2,265592E+22	2,374440E+22	2,493441E+22
-1695	2,529355E+22	2,472595E+22	2,399720E+22	2,399741E+22	2,472666E+22	2,529440E+22	2,493496E+22	2,374467E+22	2,265614E+22	2,265627E+22	2,374511E+22	2,493570E+22
-1694	2,529517E+22	2,472701E+22	2,399762E+22	2,399760E+22	2,472676E+22	2,529450E+22	2,493500E+22	2,374464E+22	2,265613E+22	2,265632E+22	2,374496E+22	2,493503E+22
-1693	2,529402E+22	2,472579E+22	2,399648E+22	2,399682E+22	2,472642E+22	2,529452E+22	2,493530E+22	2,374510E+22	2,265650E+22	2,265639E+22	2,374481E+22	2,493502E+22
-1692	2,529475E+22	2,472736E+22	2,399809E+22	2,399775E+22	2,472675E+22	2,529453E+22	2,493525E+22	2,374504E+22	2,265653E+22	2,265658E+22	2,374522E+22	2,493560E+22
-1691	2,529503E+22	2,472729E+22	2,399814E+22	2,399790E+22	2,472672E+22	2,529442E+22	2,493521E+22	2,374522E+22	2,265679E+22	2,265662E+22	2,374470E+22	2,493446E+22
-1690	2,529367E+22	2,472606E+22	2,399742E+22	2,399777E+22	2,472682E+22	2,529438E+22	2,493507E+22	2,374518E+22	2,265693E+22	2,265688E+22	2,374513E+22	2,493517E+22
-1689	2,529490E+22	2,472755E+22	2,399843E+22	2,399838E+22	2,472736E+22	2,529476E+22	2,493507E+22	2,374483E+22	2,265662E+22	2,265696E+22	2,374549E+22	2,493533E+22
-1688	2,529425E+22	2,472637E+22	2,399728E+22	2,399738E+22	2,472675E+22	2,529482E+22	2,493561E+22	2,374535E+22	2,265666E+22	2,265646E+22	2,374474E+22	2,493468E+22
-1687	2,529383E+22	2,472611E+22	2,399731E+22	2,399759E+22	2,472676E+22	2,529452E+22	2,493528E+22	2,374518E+22	2,265664E+22	2,265651E+22	2,374500E+22	2,493550E+22
-1686	2,529536E+22	2,472758E+22	2,399805E+22	2,399783E+22	2,472679E+22	2,529443E+22	2,493502E+22	2,374485E+22	2,265640E+22	2,265645E+22	2,374492E+22	2,493488E+22
-1685	2,529394E+22	2,472600E+22	2,399669E+22	2,399677E+22	2,472619E+22	2,529424E+22	2,493512E+22	2,374504E+22	2,265645E+22	2,265625E+22	2,374457E+22	2,493460E+22
-1684	2,529407E+22	2,472673E+22	2,399774E+22	2,399757E+22	2,472654E+22	2,529425E+22	2,493490E+22	2,374462E+22	2,265607E+22	2,265618E+22	2,374499E+22	2,493551E+22
-1683	2,529486E+22	2,472683E+22	2,399761E+22	2,399760E+22	2,472664E+22	2,529433E+22	2,493486E+22	2,374447E+22	2,265585E+22	2,265590E+22	2,374447E+22	2,493452E+22
-1682	2,529360E+22	2,472547E+22	2,399627E+22	2,399678E+22	2,472638E+22	2,529435E+22	2,493495E+22	2,374453E+22	2,265576E+22	2,265572E+22	2,374443E+22	2,493488E+22
-1681	2,529467E+22	2,472713E+22	2,399758E+22	2,399738E+22	2,472672E+22	2,529457E+22	2,493494E+22	2,374435E+22	2,265565E+22	2,265580E+22	2,374469E+22	2,493514E+22
-1680	2,529438E+22	2,472642E+22	2,399698E+22	2,399678E+22	2,472615E+22	2,529443E+22	2,493533E+22	2,374492E+22	2,265599E+22	2,265567E+22	2,374402E+22	2,493417E+22
-1679	2,529345E+22	2,472563E+22	2,399677E+22	2,399715E+22	2,472636E+22	2,529412E+22	2,493491E+22	2,374483E+22	2,265626E+22	2,265613E+22	2,374457E+22	2,493494E+22
-1678	2,529481E+22	2,472722E+22	2,399784E+22	2,399784E+22	2,472691E+22	2,529440E+22	2,493475E+22	2,374448E+22	2,265613E+22	2,265640E+22	2,374511E+22	2,493507E+22
-1677	2,529387E+22	2,472577E+22	2,399650E+22	2,399676E+22	2,472637E+22	2,529447E+22	2,493520E+22	2,374494E+22	2,265637E+22	2,265634E+22	2,374481E+22	2,493481E+22
-1676	2,529398E+22	2,472638E+22	2,399746E+22	2,399747E+22	2,472657E+22	2,529445E+22	2,493524E+22	2,374499E+22	2,265642E+22	2,265647E+22	2,374520E+22	2,493577E+22
-1675	2,529534E+22	2,472742E+22	2,399810E+22	2,399793E+22	2,472681E+22	2,529447E+22	2,493515E+22	2,374505E+22	2,265663E+22	2,265662E+22	2,374494E+22	2,493484E+22
-1674	2,529407E+22	2,472627E+22	2,399709E+22	2,399725E+22	2,472646E+22	2,529430E+22	2,493519E+22	2,374531E+22	2,265696E+22	2,265677E+22	2,374487E+22	2,493481E+22
-1673	2,529461E+22	2,472764E+22	2,399869E+22	2,399841E+22	2,472712E+22	2,529449E+22	2,493502E+22	2,374511E+22	2,265705E+22	2,265718E+22	2,374547E+22	2,493544E+22
-1672	2,529468E+22	2,472714E+22	2,399829E+22	2,399826E+22	2,472710E+22	2,529466E+22	2,493537E+22	2,374545E+22	2,265722E+22	2,265713E+22	2,374508E+22	2,493460E+22
-1671	2,529359E+22	2,472594E+22	2,399743E+22	2,399806E+22	2,472715E+22	2,529460E+22	2,493526E+22	2,374541E+22	2,265722E+22	2,265717E+22	2,374534E+22	2,493528E+22
-1670	2,529489E+22	2,472760E+22	2,399858E+22	2,399859E+22	2,472751E+22	2,529488E+22	2,493529E+22	2,374519E+22	2,265696E+22	2,265713E+22	2,374567E+22	2,493563E+22
-1669	2,529445E+22	2,472648E+22	2,399730E+22	2,399730E+22	2,472659E+22	2,529464E+22	2,493561E+22	2,374564E+22	2,265716E+22	2,265689E+22	2,374491E+22	2,493474E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1668	2,529401E+22	2,472652E+22	2,399772E+22	2,399766E+22	2,472649E+22	2,529429E+22	2,493533E+22	2,374545E+22	2,265707E+22	2,265691E+22	2,374515E+22	2,493537E+22
-1667	2,529515E+22	2,472767E+22	2,399849E+22	2,399831E+22	2,472698E+22	2,529430E+22	2,493488E+22	2,374497E+22	2,265680E+22	2,265692E+22	2,374520E+22	2,493488E+22
-1666	2,529385E+22	2,472612E+22	2,399694E+22	2,399711E+22	2,472643E+22	2,529420E+22	2,493487E+22	2,374486E+22	2,265654E+22	2,265652E+22	2,374483E+22	2,493477E+22
-1665	2,529412E+22	2,472682E+22	2,399794E+22	2,399788E+22	2,472686E+22	2,529440E+22	2,493481E+22	2,374456E+22	2,265622E+22	2,265640E+22	2,374511E+22	2,493559E+22
-1664	2,529490E+22	2,472686E+22	2,399764E+22	2,399768E+22	2,472679E+22	2,529454E+22	2,493515E+22	2,374481E+22	2,265615E+22	2,265608E+22	2,374450E+22	2,493456E+22
-1663	2,529374E+22	2,472569E+22	2,399648E+22	2,399698E+22	2,472646E+22	2,529432E+22	2,493509E+22	2,374490E+22	2,265619E+22	2,265596E+22	2,374437E+22	2,493466E+22
-1662	2,529448E+22	2,472732E+22	2,399808E+22	2,399784E+22	2,472689E+22	2,529453E+22	2,493503E+22	2,374474E+22	2,265618E+22	2,265621E+22	2,374492E+22	2,493521E+22
-1661	2,529425E+22	2,472638E+22	2,399716E+22	2,399706E+22	2,472631E+22	2,529435E+22	2,493523E+22	2,374512E+22	2,265656E+22	2,265635E+22	2,374449E+22	2,493433E+22
-1660	2,529346E+22	2,472577E+22	2,399699E+22	2,399727E+22	2,472643E+22	2,529424E+22	2,493509E+22	2,374503E+22	2,265662E+22	2,265659E+22	2,374497E+22	2,493514E+22
-1659	2,529478E+22	2,472725E+22	2,399809E+22	2,399816E+22	2,472715E+22	2,529456E+22	2,493495E+22	2,374478E+22	2,265653E+22	2,265680E+22	2,374538E+22	2,493529E+22
-1658	2,529418E+22	2,472615E+22	2,399676E+22	2,399691E+22	2,472638E+22	2,529435E+22	2,493514E+22	2,374511E+22	2,265669E+22	2,265660E+22	2,374490E+22	2,493488E+22
-1657	2,529422E+22	2,472686E+22	2,399796E+22	2,399779E+22	2,472666E+22	2,529432E+22	2,493509E+22	2,374519E+22	2,265697E+22	2,265691E+22	2,374524E+22	2,493560E+22
-1656	2,529524E+22	2,472764E+22	2,399857E+22	2,399836E+22	2,472696E+22	2,529441E+22	2,493521E+22	2,374541E+22	2,265723E+22	2,265719E+22	2,374517E+22	2,493475E+22
-1655	2,529390E+22	2,472631E+22	2,399749E+22	2,399787E+22	2,472684E+22	2,529428E+22	2,493510E+22	2,374548E+22	2,265740E+22	2,265727E+22	2,374515E+22	2,493476E+22
-1654	2,529430E+22	2,472753E+22	2,399900E+22	2,399895E+22	2,472760E+22	2,529476E+22	2,493513E+22	2,374527E+22	2,265733E+22	2,265753E+22	2,374588E+22	2,493578E+22
-1653	2,529470E+22	2,472697E+22	2,399819E+22	2,399829E+22	2,472722E+22	2,529480E+22	2,493550E+22	2,374565E+22	2,265756E+22	2,265753E+22	2,374540E+22	2,493487E+22
-1652	2,529387E+22	2,472621E+22	2,399753E+22	2,399788E+22	2,472696E+22	2,529467E+22	2,493558E+22	2,374578E+22	2,265756E+22	2,265740E+22	2,374541E+22	2,493529E+22
-1651	2,529495E+22	2,472784E+22	2,399892E+22	2,399876E+22	2,472746E+22	2,529477E+22	2,493537E+22	2,374556E+22	2,265748E+22	2,265750E+22	2,374570E+22	2,493551E+22
-1650	2,529454E+22	2,472684E+22	2,399773E+22	2,399757E+22	2,472652E+22	2,529429E+22	2,493530E+22	2,374567E+22	2,265752E+22	2,265729E+22	2,374508E+22	2,493469E+22
-1649	2,529397E+22	2,472674E+22	2,399820E+22	2,399817E+22	2,472678E+22	2,529415E+22	2,493495E+22	2,374535E+22	2,265740E+22	2,265737E+22	2,374542E+22	2,493537E+22
-1648	2,529497E+22	2,472757E+22	2,399864E+22	2,399862E+22	2,472731E+22	2,529452E+22	2,493498E+22	2,374505E+22	2,265701E+22	2,265723E+22	2,374549E+22	2,493505E+22
-1647	2,529388E+22	2,472608E+22	2,399707E+22	2,399744E+22	2,472675E+22	2,529442E+22	2,493506E+22	2,374502E+22	2,265667E+22	2,265661E+22	2,374487E+22	2,493481E+22
-1646	2,529414E+22	2,472694E+22	2,399817E+22	2,399813E+22	2,472712E+22	2,529466E+22	2,493511E+22	2,374491E+22	2,265648E+22	2,265649E+22	2,374512E+22	2,493566E+22
-1645	2,529498E+22	2,472696E+22	2,399772E+22	2,399765E+22	2,472672E+22	2,529451E+22	2,493529E+22	2,374522E+22	2,265674E+22	2,265655E+22	2,374463E+22	2,493448E+22
-1644	2,529378E+22	2,472600E+22	2,399687E+22	2,399706E+22	2,472630E+22	2,529423E+22	2,493525E+22	2,374529E+22	2,265680E+22	2,265653E+22	2,374462E+22	2,493455E+22
-1643	2,529421E+22	2,472724E+22	2,399839E+22	2,399825E+22	2,472709E+22	2,529445E+22	2,493495E+22	2,374498E+22	2,265676E+22	2,265686E+22	2,374530E+22	2,493529E+22
-1642	2,529424E+22	2,472643E+22	2,399731E+22	2,399727E+22	2,472642E+22	2,529424E+22	2,493500E+22	2,374505E+22	2,265682E+22	2,265682E+22	2,374493E+22	2,493466E+22
-1641	2,529367E+22	2,472598E+22	2,399729E+22	2,399754E+22	2,472656E+22	2,529418E+22	2,493490E+22	2,374504E+22	2,265691E+22	2,265693E+22	2,374519E+22	2,493532E+22
-1640	2,529498E+22	2,472746E+22	2,399831E+22	2,399828E+22	2,472718E+22	2,529458E+22	2,493509E+22	2,374509E+22	2,265691E+22	2,265709E+22	2,374548E+22	2,493533E+22
-1639	2,529436E+22	2,472653E+22	2,399731E+22	2,399737E+22	2,472652E+22	2,529426E+22	2,493513E+22	2,374535E+22	2,265710E+22	2,265690E+22	2,374486E+22	2,493466E+22
-1638	2,529410E+22	2,472715E+22	2,399865E+22	2,399849E+22	2,472706E+22	2,529440E+22	2,493511E+22	2,374543E+22	2,265738E+22	2,265730E+22	2,374544E+22	2,493555E+22
-1637	2,529506E+22	2,472759E+22	2,399882E+22	2,399879E+22	2,472735E+22	2,529456E+22	2,493523E+22	2,374561E+22	2,265775E+22	2,265780E+22	2,374557E+22	2,493484E+22
-1636	2,529383E+22	2,472638E+22	2,399773E+22	2,399805E+22	2,472706E+22	2,529463E+22	2,493546E+22	2,374579E+22	2,265779E+22	2,265770E+22	2,374548E+22	2,493489E+22
-1635	2,529416E+22	2,472735E+22	2,399911E+22	2,399921E+22	2,472785E+22	2,529501E+22	2,493548E+22	2,374573E+22	2,265783E+22	2,265794E+22	2,374607E+22	2,493589E+22
-1634	2,529494E+22	2,472720E+22	2,399827E+22	2,399826E+22	2,472712E+22	2,529470E+22	2,493554E+22	2,374592E+22	2,265799E+22	2,265792E+22	2,374559E+22	2,493497E+22
-1633	2,529410E+22	2,472662E+22	2,399793E+22	2,399802E+22	2,472683E+22	2,529439E+22	2,493538E+22	2,374598E+22	2,265812E+22	2,265790E+22	2,374555E+22	2,493520E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1632	2,529490E+22	2,472799E+22	2,399928E+22	2,399902E+22	2,472744E+22	2,529458E+22	2,493528E+22	2,374577E+22	2,265796E+22	2,265804E+22	2,374602E+22	2,493555E+22
-1631	2,529449E+22	2,472689E+22	2,399811E+22	2,399811E+22	2,472680E+22	2,529417E+22	2,493502E+22	2,374557E+22	2,265771E+22	2,265762E+22	2,374533E+22	2,493474E+22
-1630	2,529386E+22	2,472672E+22	2,399850E+22	2,399865E+22	2,472724E+22	2,529442E+22	2,493498E+22	2,374529E+22	2,265738E+22	2,265748E+22	2,374566E+22	2,493565E+22
-1629	2,529510E+22	2,472753E+22	2,399861E+22	2,399866E+22	2,472745E+22	2,529471E+22	2,493516E+22	2,374522E+22	2,265719E+22	2,265740E+22	2,374559E+22	2,493516E+22
-1628	2,529413E+22	2,472639E+22	2,399727E+22	2,399731E+22	2,472662E+22	2,529458E+22	2,493543E+22	2,374541E+22	2,265699E+22	2,265673E+22	2,374477E+22	2,493460E+22
-1627	2,529401E+22	2,472702E+22	2,399853E+22	2,399840E+22	2,472716E+22	2,529465E+22	2,493531E+22	2,374539E+22	2,265710E+22	2,265692E+22	2,374509E+22	2,493536E+22
-1626	2,529490E+22	2,472717E+22	2,399807E+22	2,399791E+22	2,472669E+22	2,529425E+22	2,493506E+22	2,374533E+22	2,265723E+22	2,265713E+22	2,374492E+22	2,493441E+22
-1625	2,529365E+22	2,472607E+22	2,399722E+22	2,399744E+22	2,472650E+22	2,529409E+22	2,493493E+22	2,374531E+22	2,265728E+22	2,265714E+22	2,374503E+22	2,493465E+22
-1624	2,529410E+22	2,472711E+22	2,399848E+22	2,399846E+22	2,472729E+22	2,529459E+22	2,493504E+22	2,374514E+22	2,265711E+22	2,265734E+22	2,374575E+22	2,493563E+22
-1623	2,529443E+22	2,472646E+22	2,399752E+22	2,399760E+22	2,472661E+22	2,529425E+22	2,493501E+22	2,374518E+22	2,265704E+22	2,265705E+22	2,374510E+22	2,493482E+22
-1622	2,529389E+22	2,472627E+22	2,399770E+22	2,399790E+22	2,472681E+22	2,529433E+22	2,493505E+22	2,374527E+22	2,265714E+22	2,265712E+22	2,374531E+22	2,493542E+22
-1621	2,529514E+22	2,472775E+22	2,399867E+22	2,399847E+22	2,472719E+22	2,529454E+22	2,493516E+22	2,374541E+22	2,265746E+22	2,265758E+22	2,374565E+22	2,493523E+22
-1620	2,529437E+22	2,472689E+22	2,399789E+22	2,399771E+22	2,472662E+22	2,529433E+22	2,493529E+22	2,374567E+22	2,265763E+22	2,265742E+22	2,374509E+22	2,493450E+22
-1619	2,529378E+22	2,472702E+22	2,399901E+22	2,399908E+22	2,472753E+22	2,529460E+22	2,493521E+22	2,374573E+22	2,265796E+22	2,265791E+22	2,374573E+22	2,493553E+22
-1618	2,529502E+22	2,472759E+22	2,399891E+22	2,399898E+22	2,472755E+22	2,529467E+22	2,493523E+22	2,374570E+22	2,265808E+22	2,265826E+22	2,374596E+22	2,493510E+22
-1617	2,529402E+22	2,472652E+22	2,399792E+22	2,399818E+22	2,472711E+22	2,529460E+22	2,493548E+22	2,374605E+22	2,265824E+22	2,265807E+22	2,374569E+22	2,493503E+22
-1616	2,529434E+22	2,472748E+22	2,399922E+22	2,399918E+22	2,472773E+22	2,529496E+22	2,493567E+22	2,374617E+22	2,265835E+22	2,265834E+22	2,374624E+22	2,493593E+22
-1615	2,529508E+22	2,472749E+22	2,399875E+22	2,399862E+22	2,472706E+22	2,529442E+22	2,493540E+22	2,374611E+22	2,265840E+22	2,265829E+22	2,374571E+22	2,493486E+22
-1614	2,529407E+22	2,472689E+22	2,399853E+22	2,399862E+22	2,472711E+22	2,529433E+22	2,493523E+22	2,374599E+22	2,265833E+22	2,265826E+22	2,374586E+22	2,493525E+22
-1613	2,529482E+22	2,472799E+22	2,399947E+22	2,399931E+22	2,472768E+22	2,529464E+22	2,493518E+22	2,374577E+22	2,265822E+22	2,265847E+22	2,374636E+22	2,493567E+22
-1612	2,529453E+22	2,472704E+22	2,399839E+22	2,399830E+22	2,472702E+22	2,529452E+22	2,493529E+22	2,374570E+22	2,265785E+22	2,265779E+22	2,374546E+22	2,493479E+22
-1611	2,529382E+22	2,472664E+22	2,399863E+22	2,399893E+22	2,472751E+22	2,529468E+22	2,493529E+22	2,374566E+22	2,265771E+22	2,265764E+22	2,374556E+22	2,493550E+22
-1610	2,529524E+22	2,472773E+22	2,399869E+22	2,399865E+22	2,472739E+22	2,529468E+22	2,493524E+22	2,374549E+22	2,265757E+22	2,265768E+22	2,374561E+22	2,493504E+22
-1609	2,529417E+22	2,472668E+22	2,399768E+22	2,399752E+22	2,472651E+22	2,529433E+22	2,493534E+22	2,374574E+22	2,265761E+22	2,265725E+22	2,374492E+22	2,493442E+22
-1608	2,529377E+22	2,472691E+22	2,399871E+22	2,399863E+22	2,472716E+22	2,529451E+22	2,493529E+22	2,374569E+22	2,265769E+22	2,265759E+22	2,374554E+22	2,493540E+22
-1607	2,529472E+22	2,472703E+22	2,399831E+22	2,399834E+22	2,472691E+22	2,529415E+22	2,493484E+22	2,374528E+22	2,265750E+22	2,265762E+22	2,374538E+22	2,493465E+22
-1606	2,529368E+22	2,472608E+22	2,399743E+22	2,399779E+22	2,472681E+22	2,529427E+22	2,493492E+22	2,374522E+22	2,265728E+22	2,265738E+22	2,374544E+22	2,493504E+22
-1605	2,529439E+22	2,472723E+22	2,399851E+22	2,399846E+22	2,472728E+22	2,529462E+22	2,493514E+22	2,374531E+22	2,265735E+22	2,265758E+22	2,374594E+22	2,493582E+22
-1604	2,529483E+22	2,472699E+22	2,399795E+22	2,399769E+22	2,472656E+22	2,529435E+22	2,493524E+22	2,374548E+22	2,265736E+22	2,265721E+22	2,374505E+22	2,493466E+22
-1603	2,529387E+22	2,472654E+22	2,399829E+22	2,399845E+22	2,472703E+22	2,529436E+22	2,493521E+22	2,374571E+22	2,265774E+22	2,265753E+22	2,374524E+22	2,493508E+22
-1602	2,529508E+22	2,472801E+22	2,399914E+22	2,399896E+22	2,472742E+22	2,529449E+22	2,493508E+22	2,374559E+22	2,265795E+22	2,265815E+22	2,374594E+22	2,493515E+22
-1601	2,529422E+22	2,472699E+22	2,399833E+22	2,399823E+22	2,472696E+22	2,529440E+22	2,493528E+22	2,374593E+22	2,265821E+22	2,265802E+22	2,374546E+22	2,493454E+22
-1600	2,529359E+22	2,472681E+22	2,399905E+22	2,399930E+22	2,472779E+22	2,529490E+22	2,493556E+22	2,374616E+22	2,265849E+22	2,265848E+22	2,374618E+22	2,493576E+22
-1599	2,529509E+22	2,472758E+22	2,399908E+22	2,399925E+22	2,472766E+22	2,529469E+22	2,493536E+22	2,374601E+22	2,265849E+22	2,265863E+22	2,374621E+22	2,493525E+22
-1598	2,529422E+22	2,472680E+22	2,399822E+22	2,399840E+22	2,472718E+22	2,529462E+22	2,493558E+22	2,374632E+22	2,265860E+22	2,265845E+22	2,374596E+22	2,493515E+22
-1597	2,529450E+22	2,472778E+22	2,399952E+22	2,399929E+22	2,472754E+22	2,529470E+22	2,493561E+22	2,374645E+22	2,265891E+22	2,265891E+22	2,374656E+22	2,493597E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1596	2,529517E+22	2,472783E+22	2,399925E+22	2,399892E+22	2,472710E+22	2,529431E+22	2,493529E+22	2,374620E+22	2,265874E+22	2,265870E+22	2,374597E+22	2,493483E+22
-1595	2,529386E+22	2,472682E+22	2,399887E+22	2,399919E+22	2,472755E+22	2,529448E+22	2,493520E+22	2,374605E+22	2,265860E+22	2,265859E+22	2,374603E+22	2,493527E+22
-1594	2,529490E+22	2,472808E+22	2,399957E+22	2,399949E+22	2,472786E+22	2,529474E+22	2,493516E+22	2,374569E+22	2,265826E+22	2,265863E+22	2,374654E+22	2,493580E+22
-1593	2,529467E+22	2,472722E+22	2,399859E+22	2,399846E+22	2,472706E+22	2,529451E+22	2,493537E+22	2,374595E+22	2,265813E+22	2,265790E+22	2,374542E+22	2,493470E+22
-1592	2,529382E+22	2,472669E+22	2,399870E+22	2,399897E+22	2,472749E+22	2,529474E+22	2,493556E+22	2,374612E+22	2,265822E+22	2,265797E+22	2,374561E+22	2,493532E+22
-1591	2,529510E+22	2,472782E+22	2,399907E+22	2,399902E+22	2,472738E+22	2,529446E+22	2,493515E+22	2,374571E+22	2,265800E+22	2,265807E+22	2,374574E+22	2,493489E+22
-1590	2,529400E+22	2,472674E+22	2,399805E+22	2,399801E+22	2,472678E+22	2,529432E+22	2,493525E+22	2,374579E+22	2,265787E+22	2,265772E+22	2,374537E+22	2,493455E+22
-1589	2,529368E+22	2,472683E+22	2,399873E+22	2,399875E+22	2,472724E+22	2,529452E+22	2,493526E+22	2,374578E+22	2,265802E+22	2,265811E+22	2,374605E+22	2,493570E+22
-1588	2,529486E+22	2,472718E+22	2,399847E+22	2,399842E+22	2,472700E+22	2,529437E+22	2,493504E+22	2,374543E+22	2,265768E+22	2,265784E+22	2,374564E+22	2,493486E+22
-1587	2,529382E+22	2,472619E+22	2,399766E+22	2,399811E+22	2,472705E+22	2,529445E+22	2,493516E+22	2,374556E+22	2,265763E+22	2,265757E+22	2,374539E+22	2,493501E+22
-1586	2,529472E+22	2,472768E+22	2,399880E+22	2,399858E+22	2,472722E+22	2,529453E+22	2,493514E+22	2,374553E+22	2,265774E+22	2,265790E+22	2,374600E+22	2,493572E+22
-1585	2,529492E+22	2,472746E+22	2,399861E+22	2,399817E+22	2,472659E+22	2,529412E+22	2,493517E+22	2,374586E+22	2,265801E+22	2,265772E+22	2,374518E+22	2,493444E+22
-1584	2,529362E+22	2,472653E+22	2,399864E+22	2,399895E+22	2,472730E+22	2,529439E+22	2,493529E+22	2,374610E+22	2,265841E+22	2,265823E+22	2,374566E+22	2,493502E+22
-1583	2,529475E+22	2,472786E+22	2,399947E+22	2,399954E+22	2,472779E+22	2,529457E+22	2,493505E+22	2,374572E+22	2,265835E+22	2,265867E+22	2,374637E+22	2,493534E+22
-1582	2,529422E+22	2,472698E+22	2,399853E+22	2,399861E+22	2,472730E+22	2,529467E+22	2,493547E+22	2,374607E+22	2,265842E+22	2,265842E+22	2,374594E+22	2,493488E+22
-1581	2,529381E+22	2,472689E+22	2,399898E+22	2,399920E+22	2,472766E+22	2,529488E+22	2,493575E+22	2,374653E+22	2,265896E+22	2,265891E+22	2,374649E+22	2,493595E+22
-1580	2,529537E+22	2,472805E+22	2,399944E+22	2,399928E+22	2,472754E+22	2,529467E+22	2,493548E+22	2,374634E+22	2,265894E+22	2,265898E+22	2,374632E+22	2,493521E+22
-1579	2,529424E+22	2,472709E+22	2,399878E+22	2,399892E+22	2,472732E+22	2,529448E+22	2,493551E+22	2,374656E+22	2,265911E+22	2,265887E+22	2,374599E+22	2,493498E+22
-1578	2,529454E+22	2,472804E+22	2,399990E+22	2,399970E+22	2,472770E+22	2,529452E+22	2,493531E+22	2,374637E+22	2,265919E+22	2,265935E+22	2,374687E+22	2,493601E+22
-1577	2,529511E+22	2,472800E+22	2,399969E+22	2,399945E+22	2,472742E+22	2,529432E+22	2,493520E+22	2,374627E+22	2,265901E+22	2,265899E+22	2,374619E+22	2,493490E+22
-1576	2,529375E+22	2,472667E+22	2,399890E+22	2,399944E+22	2,472783E+22	2,529477E+22	2,493552E+22	2,374637E+22	2,265889E+22	2,265884E+22	2,374621E+22	2,493532E+22
-1575	2,529484E+22	2,472806E+22	2,399973E+22	2,399974E+22	2,472800E+22	2,529485E+22	2,493534E+22	2,374597E+22	2,265852E+22	2,265875E+22	2,374653E+22	2,493576E+22
-1574	2,529473E+22	2,472744E+22	2,399885E+22	2,399866E+22	2,472716E+22	2,529460E+22	2,493556E+22	2,374622E+22	2,265844E+22	2,265821E+22	2,374557E+22	2,493462E+22
-1573	2,529376E+22	2,472678E+22	2,399879E+22	2,399898E+22	2,472730E+22	2,529453E+22	2,493558E+22	2,374647E+22	2,265881E+22	2,265856E+22	2,374594E+22	2,493531E+22
-1572	2,529499E+22	2,472793E+22	2,399930E+22	2,399923E+22	2,472747E+22	2,529441E+22	2,493505E+22	2,374582E+22	2,265839E+22	2,265854E+22	2,374612E+22	2,493500E+22
-1571	2,529385E+22	2,472663E+22	2,399820E+22	2,399839E+22	2,472710E+22	2,529440E+22	2,493521E+22	2,374586E+22	2,265817E+22	2,265808E+22	2,374561E+22	2,493476E+22
-1570	2,529394E+22	2,472700E+22	2,399878E+22	2,399880E+22	2,472724E+22	2,529444E+22	2,493517E+22	2,374575E+22	2,265812E+22	2,265832E+22	2,374631E+22	2,493598E+22
-1569	2,529519E+22	2,472761E+22	2,399884E+22	2,399863E+22	2,472694E+22	2,529419E+22	2,493506E+22	2,374572E+22	2,265800E+22	2,265796E+22	2,374561E+22	2,493482E+22
-1568	2,529390E+22	2,472648E+22	2,399802E+22	2,399838E+22	2,472711E+22	2,529445E+22	2,493535E+22	2,374600E+22	2,265817E+22	2,265794E+22	2,374543E+22	2,493479E+22
-1567	2,529453E+22	2,472791E+22	2,399945E+22	2,399922E+22	2,472743E+22	2,529441E+22	2,493507E+22	2,374574E+22	2,265820E+22	2,265832E+22	2,374612E+22	2,493553E+22
-1566	2,529470E+22	2,472755E+22	2,399909E+22	2,399887E+22	2,472712E+22	2,529432E+22	2,493520E+22	2,374596E+22	2,265837E+22	2,265828E+22	2,374563E+22	2,493449E+22
-1565	2,529344E+22	2,472643E+22	2,399868E+22	2,399917E+22	2,472755E+22	2,529460E+22	2,493549E+22	2,374642E+22	2,265895E+22	2,265886E+22	2,374620E+22	2,493531E+22
-1564	2,529478E+22	2,472790E+22	2,399954E+22	2,399965E+22	2,472797E+22	2,529483E+22	2,493532E+22	2,374605E+22	2,265875E+22	2,265904E+22	2,374667E+22	2,493556E+22
-1563	2,529431E+22	2,472705E+22	2,399868E+22	2,399885E+22	2,472746E+22	2,529477E+22	2,493570E+22	2,374654E+22	2,265898E+22	2,265879E+22	2,374601E+22	2,493496E+22
-1562	2,529415E+22	2,472733E+22	2,399926E+22	2,399923E+22	2,472744E+22	2,529459E+22	2,493564E+22	2,374674E+22	2,265944E+22	2,265939E+22	2,374674E+22	2,493599E+22
-1561	2,529547E+22	2,472850E+22	2,400006E+22	2,399969E+22	2,472744E+22	2,529425E+22	2,493528E+22	2,374660E+22	2,265949E+22	2,265946E+22	2,374654E+22	2,493515E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-1560	2,529408E+22	2,472714E+22	2,399912E+22	2,399940E+22	2,472763E+22	2,529449E+22	2,493544E+22	2,374671E+22	2,265954E+22	2,265940E+22	2,374636E+22	2,493504E+22
-1559	2,529434E+22	2,472801E+22	2,400025E+22	2,400021E+22	2,472805E+22	2,529460E+22	2,493519E+22	2,374628E+22	2,265929E+22	2,265956E+22	2,374707E+22	2,493618E+22
-1558	2,529519E+22	2,472807E+22	2,399988E+22	2,399981E+22	2,472780E+22	2,529462E+22	2,493539E+22	2,374630E+22	2,265901E+22	2,265910E+22	2,374636E+22	2,493502E+22
-1557	2,529388E+22	2,472679E+22	2,399887E+22	2,399935E+22	2,472775E+22	2,529481E+22	2,493578E+22	2,374679E+22	2,265930E+22	2,265909E+22	2,374627E+22	2,493529E+22
-1556	2,529486E+22	2,472834E+22	2,399998E+22	2,399979E+22	2,472796E+22	2,529487E+22	2,493550E+22	2,374635E+22	2,265898E+22	2,265902E+22	2,374650E+22	2,493555E+22
-1555	2,529453E+22	2,472753E+22	2,399923E+22	2,399908E+22	2,472733E+22	2,529454E+22	2,493559E+22	2,374656E+22	2,265901E+22	2,265867E+22	2,374564E+22	2,493449E+22
-1554	2,529372E+22	2,472688E+22	2,399895E+22	2,399914E+22	2,472733E+22	2,529434E+22	2,493535E+22	2,374646E+22	2,265915E+22	2,265909E+22	2,374638E+22	2,493549E+22
-1553	2,529496E+22	2,472805E+22	2,399958E+22	2,399951E+22	2,472756E+22	2,529430E+22	2,493499E+22	2,374597E+22	2,265870E+22	2,265888E+22	2,374643E+22	2,493524E+22
-1552	2,529390E+22	2,472661E+22	2,399826E+22	2,399859E+22	2,472728E+22	2,529454E+22	2,493538E+22	2,374613E+22	2,265849E+22	2,265837E+22	2,374583E+22	2,493491E+22
-1551	2,529401E+22	2,472720E+22	2,399912E+22	2,399910E+22	2,472735E+22	2,529440E+22	2,493516E+22	2,374591E+22	2,265838E+22	2,265847E+22	2,374631E+22	2,493599E+22
-1550	2,529536E+22	2,472802E+22	2,399936E+22	2,399907E+22	2,472716E+22	2,529425E+22	2,493514E+22	2,374589E+22	2,265832E+22	2,265833E+22	2,374577E+22	2,493471E+22
-1549	2,529382E+22	2,472665E+22	2,399833E+22	2,399866E+22	2,472713E+22	2,529434E+22	2,493540E+22	2,374637E+22	2,265880E+22	2,265857E+22	2,374577E+22	2,493473E+22
-1548	2,529426E+22	2,472793E+22	2,399974E+22	2,399963E+22	2,472782E+22	2,529459E+22	2,493510E+22	2,374595E+22	2,265867E+22	2,265885E+22	2,374647E+22	2,493559E+22
-1547	2,529450E+22	2,472743E+22	2,399925E+22	2,399929E+22	2,472758E+22	2,529460E+22	2,493536E+22	2,374621E+22	2,265880E+22	2,265872E+22	2,374589E+22	2,493471E+22
-1546	2,529367E+22	2,472653E+22	2,399862E+22	2,399909E+22	2,472750E+22	2,529458E+22	2,493555E+22	2,374660E+22	2,265927E+22	2,265924E+22	2,374654E+22	2,493561E+22
-1545	2,529507E+22	2,472827E+22	2,399986E+22	2,399978E+22	2,472782E+22	2,529458E+22	2,493539E+22	2,374650E+22	2,265927E+22	2,265934E+22	2,374676E+22	2,493562E+22
-1544	2,529444E+22	2,472735E+22	2,399907E+22	2,399910E+22	2,472743E+22	2,529461E+22	2,493573E+22	2,374694E+22	2,265960E+22	2,265930E+22	2,374618E+22	2,493486E+22
-1543	2,529403E+22	2,472762E+22	2,399995E+22	2,399984E+22	2,472759E+22	2,529434E+22	2,493537E+22	2,374679E+22	2,265981E+22	2,265982E+22	2,374695E+22	2,493597E+22
-1542	2,529541E+22	2,472871E+22	2,400060E+22	2,400036E+22	2,472795E+22	2,529441E+22	2,493518E+22	2,374650E+22	2,265965E+22	2,265990E+22	2,374692E+22	2,493522E+22
-1541	2,529398E+22	2,472714E+22	2,399926E+22	2,399964E+22	2,472789E+22	2,529472E+22	2,493564E+22	2,374693E+22	2,265987E+22	2,265978E+22	2,374667E+22	2,493521E+22
-1540	2,529434E+22	2,472805E+22	2,400035E+22	2,400040E+22	2,472838E+22	2,529496E+22	2,493549E+22	2,374659E+22	2,265956E+22	2,265970E+22	2,374707E+22	2,493617E+22
-1539	2,529522E+22	2,472815E+22	2,400002E+22	2,400002E+22	2,472804E+22	2,529485E+22	2,493570E+22	2,374679E+22	2,265953E+22	2,265935E+22	2,374623E+22	2,493490E+22
-1538	2,529403E+22	2,472708E+22	2,399903E+22	2,399928E+22	2,472753E+22	2,529459E+22	2,493577E+22	2,374709E+22	2,265984E+22	2,265959E+22	2,374648E+22	2,493525E+22
-1537	2,529476E+22	2,472851E+22	2,400040E+22	2,400009E+22	2,472783E+22	2,529446E+22	2,493536E+22	2,374669E+22	2,265956E+22	2,265955E+22	2,374678E+22	2,493553E+22
-1536	2,529429E+22	2,472738E+22	2,399937E+22	2,399939E+22	2,472753E+22	2,529449E+22	2,493548E+22	2,374669E+22	2,265948E+22	2,265928E+22	2,374613E+22	2,493469E+22
-1535	2,529359E+22	2,472684E+22	2,399920E+22	2,399943E+22	2,472750E+22	2,529429E+22	2,493514E+22	2,374629E+22	2,265920E+22	2,265933E+22	2,374669E+22	2,493583E+22
-1534	2,529521E+22	2,472822E+22	2,399978E+22	2,399973E+22	2,472777E+22	2,529443E+22	2,493502E+22	2,374589E+22	2,265868E+22	2,265903E+22	2,374660E+22	2,493540E+22
-1533	2,529416E+22	2,472692E+22	2,399843E+22	2,399859E+22	2,472722E+22	2,529452E+22	2,493551E+22	2,374643E+22	2,265886E+22	2,265861E+22	2,374586E+22	2,493489E+22
-1532	2,529410E+22	2,472756E+22	2,399954E+22	2,399939E+22	2,472751E+22	2,529443E+22	2,493520E+22	2,374616E+22	2,265877E+22	2,265869E+22	2,374619E+22	2,493571E+22
-1531	2,529515E+22	2,472812E+22	2,399983E+22	2,399968E+22	2,472760E+22	2,529437E+22	2,493520E+22	2,374620E+22	2,265885E+22	2,265874E+22	2,374581E+22	2,493457E+22
-1530	2,529372E+22	2,472671E+22	2,399854E+22	2,399892E+22	2,472735E+22	2,529437E+22	2,493536E+22	2,374651E+22	2,265924E+22	2,265915E+22	2,374623E+22	2,493490E+22
-1529	2,529414E+22	2,472789E+22	2,399997E+22	2,399990E+22	2,472793E+22	2,529462E+22	2,493529E+22	2,374635E+22	2,265915E+22	2,265928E+22	2,374678E+22	2,493578E+22
-1528	2,529450E+22	2,472736E+22	2,399928E+22	2,399942E+22	2,472773E+22	2,529477E+22	2,493566E+22	2,374669E+22	2,265939E+22	2,265925E+22	2,374620E+22	2,493487E+22
-1527	2,529377E+22	2,472681E+22	2,399899E+22	2,399924E+22	2,472744E+22	2,529442E+22	2,493550E+22	2,374683E+22	2,265971E+22	2,265962E+22	2,374669E+22	2,493570E+22
-1526	2,529531E+22	2,472872E+22	2,400042E+22	2,400013E+22	2,472787E+22	2,529445E+22	2,493531E+22	2,374662E+22	2,265969E+22	2,265989E+22	2,374704E+22	2,493560E+22
-1525	2,529445E+22	2,472762E+22	2,399952E+22	2,399947E+22	2,472748E+22	2,529439E+22	2,493560E+22	2,374716E+22	2,266017E+22	2,265995E+22	2,374658E+22	2,493493E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1524	2,529393E+22	2,472771E+22	2,400031E+22	2,400037E+22	2,472808E+22	2,529450E+22	2,493525E+22	2,374679E+22	2,266009E+22	2,266019E+22	2,374719E+22	2,493604E+22
-1523	2,529534E+22	2,472868E+22	2,400085E+22	2,400085E+22	2,472849E+22	2,529479E+22	2,493539E+22	2,374668E+22	2,265991E+22	2,266011E+22	2,374700E+22	2,493536E+22
-1522	2,529421E+22	2,472730E+22	2,399932E+22	2,399963E+22	2,472790E+22	2,529480E+22	2,493580E+22	2,374717E+22	2,266015E+22	2,266004E+22	2,374682E+22	2,493529E+22
-1521	2,529445E+22	2,472829E+22	2,400067E+22	2,400052E+22	2,472825E+22	2,529483E+22	2,493572E+22	2,374714E+22	2,266009E+22	2,265997E+22	2,374701E+22	2,493600E+22
-1520	2,529512E+22	2,472825E+22	2,400031E+22	2,400025E+22	2,472807E+22	2,529479E+22	2,493580E+22	2,374722E+22	2,266020E+22	2,265993E+22	2,374642E+22	2,493472E+22
-1519	2,529376E+22	2,472714E+22	2,399946E+22	2,399965E+22	2,472761E+22	2,529436E+22	2,493550E+22	2,374711E+22	2,266021E+22	2,266008E+22	2,374681E+22	2,493534E+22
-1518	2,529472E+22	2,472855E+22	2,400069E+22	2,400048E+22	2,472817E+22	2,529456E+22	2,493522E+22	2,374653E+22	2,265971E+22	2,266003E+22	2,374725E+22	2,493579E+22
-1517	2,529435E+22	2,472734E+22	2,399939E+22	2,399943E+22	2,472757E+22	2,529453E+22	2,493554E+22	2,374681E+22	2,265970E+22	2,265961E+22	2,374648E+22	2,493500E+22
-1516	2,529378E+22	2,472694E+22	2,399929E+22	2,399959E+22	2,472774E+22	2,529447E+22	2,493523E+22	2,374642E+22	2,265933E+22	2,265938E+22	2,374665E+22	2,493586E+22
-1515	2,529539E+22	2,472850E+22	2,400010E+22	2,399999E+22	2,472799E+22	2,529459E+22	2,493521E+22	2,374621E+22	2,265904E+22	2,265915E+22	2,374640E+22	2,493525E+22
-1514	2,529432E+22	2,472728E+22	2,399879E+22	2,399867E+22	2,472709E+22	2,529434E+22	2,493548E+22	2,374667E+22	2,265932E+22	2,265905E+22	2,374600E+22	2,493474E+22
-1513	2,529393E+22	2,472768E+22	2,400005E+22	2,399986E+22	2,472760E+22	2,529425E+22	2,493521E+22	2,374655E+22	2,265934E+22	2,265920E+22	2,374637E+22	2,493556E+22
-1512	2,529484E+22	2,472792E+22	2,399998E+22	2,400006E+22	2,472798E+22	2,529456E+22	2,493527E+22	2,374645E+22	2,265940E+22	2,265939E+22	2,374625E+22	2,493468E+22
-1511	2,529355E+22	2,472664E+22	2,399876E+22	2,399912E+22	2,472749E+22	2,529442E+22	2,493535E+22	2,374658E+22	2,265950E+22	2,265953E+22	2,374658E+22	2,493522E+22
-1510	2,529441E+22	2,472805E+22	2,400017E+22	2,400005E+22	2,472803E+22	2,529470E+22	2,493539E+22	2,374648E+22	2,265943E+22	2,265968E+22	2,374705E+22	2,493594E+22
-1509	2,529475E+22	2,472766E+22	2,399953E+22	2,399943E+22	2,472753E+22	2,529459E+22	2,493574E+22	2,374710E+22	2,265999E+22	2,265976E+22	2,374644E+22	2,493493E+22
-1508	2,529390E+22	2,472719E+22	2,399952E+22	2,399968E+22	2,472762E+22	2,529432E+22	2,493537E+22	2,374700E+22	2,266018E+22	2,266004E+22	2,374678E+22	2,493558E+22
-1507	2,529524E+22	2,472894E+22	2,400101E+22	2,400082E+22	2,472835E+22	2,529456E+22	2,493526E+22	2,374679E+22	2,266016E+22	2,266033E+22	2,374719E+22	2,493558E+22
-1506	2,529448E+22	2,472778E+22	2,399987E+22	2,399984E+22	2,472777E+22	2,529449E+22	2,493556E+22	2,374721E+22	2,266049E+22	2,266043E+22	2,374699E+22	2,493512E+22
-1505	2,529392E+22	2,472775E+22	2,400063E+22	2,400076E+22	2,472831E+22	2,529465E+22	2,493554E+22	2,374719E+22	2,266044E+22	2,266045E+22	2,374731E+22	2,493607E+22
-1504	2,529531E+22	2,472862E+22	2,400091E+22	2,400106E+22	2,472877E+22	2,529509E+22	2,493578E+22	2,374719E+22	2,266046E+22	2,266052E+22	2,374716E+22	2,493533E+22
-1503	2,529419E+22	2,472751E+22	2,399968E+22	2,399974E+22	2,472784E+22	2,529474E+22	2,493588E+22	2,374747E+22	2,266061E+22	2,266041E+22	2,374696E+22	2,493528E+22
-1502	2,529449E+22	2,472848E+22	2,400103E+22	2,400075E+22	2,472823E+22	2,529471E+22	2,493568E+22	2,374728E+22	2,266055E+22	2,266058E+22	2,374733E+22	2,493591E+22
-1501	2,529498E+22	2,472825E+22	2,400051E+22	2,400042E+22	2,472803E+22	2,529457E+22	2,493566E+22	2,374741E+22	2,266073E+22	2,266061E+22	2,374695E+22	2,493492E+22
-1500	2,529373E+22	2,472710E+22	2,399957E+22	2,399994E+22	2,472791E+22	2,529439E+22	2,493526E+22	2,374696E+22	2,266033E+22	2,266036E+22	2,374708E+22	2,493554E+22
-1499	2,529483E+22	2,472855E+22	2,400078E+22	2,400070E+22	2,472843E+22	2,529475E+22	2,493529E+22	2,374655E+22	2,265977E+22	2,266007E+22	2,374729E+22	2,493601E+22
-1498	2,529475E+22	2,472762E+22	2,399953E+22	2,399938E+22	2,472744E+22	2,529444E+22	2,493555E+22	2,374689E+22	2,265982E+22	2,265970E+22	2,374653E+22	2,493507E+22
-1497	2,529399E+22	2,472732E+22	2,399976E+22	2,399980E+22	2,472759E+22	2,529430E+22	2,493538E+22	2,374683E+22	2,265969E+22	2,265949E+22	2,374644E+22	2,493553E+22
-1496	2,529525E+22	2,472864E+22	2,400053E+22	2,400041E+22	2,472818E+22	2,529464E+22	2,493533E+22	2,374658E+22	2,265962E+22	2,265964E+22	2,374648E+22	2,493492E+22
-1495	2,529397E+22	2,472737E+22	2,399932E+22	2,399916E+22	2,472733E+22	2,529430E+22	2,493535E+22	2,374674E+22	2,265969E+22	2,265954E+22	2,374630E+22	2,493473E+22
-1494	2,529376E+22	2,472758E+22	2,400028E+22	2,400026E+22	2,472799E+22	2,529451E+22	2,493526E+22	2,374658E+22	2,265968E+22	2,265980E+22	2,374683E+22	2,493567E+22
-1493	2,529477E+22	2,472779E+22	2,399998E+22	2,400014E+22	2,472806E+22	2,529469E+22	2,493551E+22	2,374683E+22	2,265991E+22	2,265995E+22	2,374672E+22	2,493500E+22
-1492	2,529374E+22	2,472671E+22	2,399882E+22	2,399929E+22	2,472768E+22	2,529451E+22	2,493544E+22	2,374686E+22	2,265991E+22	2,265985E+22	2,374672E+22	2,493533E+22
-1491	2,529466E+22	2,472838E+22	2,400052E+22	2,400030E+22	2,472813E+22	2,529474E+22	2,493553E+22	2,374686E+22	2,265996E+22	2,266004E+22	2,374713E+22	2,493597E+22
-1490	2,529500E+22	2,472809E+22	2,400003E+22	2,399967E+22	2,472739E+22	2,529428E+22	2,493557E+22	2,374728E+22	2,266050E+22	2,266037E+22	2,374683E+22	2,493497E+22
-1489	2,529386E+22	2,472743E+22	2,400014E+22	2,400028E+22	2,472779E+22	2,529417E+22	2,493533E+22	2,374725E+22	2,266063E+22	2,266053E+22	2,374707E+22	2,493556E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1488	2,529507E+22	2,472888E+22	2,400129E+22	2,400133E+22	2,472885E+22	2,529487E+22	2,493538E+22	2,374696E+22	2,266057E+22	2,266086E+22	2,374757E+22	2,493567E+22
-1487	2,529440E+22	2,472784E+22	2,400017E+22	2,400012E+22	2,472799E+22	2,529467E+22	2,493567E+22	2,374731E+22	2,266067E+22	2,266066E+22	2,374720E+22	2,493532E+22
-1486	2,529416E+22	2,472792E+22	2,400085E+22	2,400097E+22	2,472848E+22	2,529484E+22	2,493575E+22	2,374743E+22	2,266079E+22	2,266080E+22	2,374741E+22	2,493600E+22
-1485	2,529538E+22	2,472883E+22	2,400112E+22	2,400108E+22	2,472859E+22	2,529496E+22	2,493593E+22	2,374767E+22	2,266108E+22	2,266101E+22	2,374734E+22	2,493527E+22
-1484	2,529414E+22	2,472763E+22	2,399999E+22	2,400010E+22	2,472797E+22	2,529460E+22	2,493576E+22	2,374766E+22	2,266106E+22	2,266084E+22	2,374711E+22	2,493517E+22
-1483	2,529438E+22	2,472853E+22	2,400134E+22	2,400119E+22	2,472852E+22	2,529475E+22	2,493562E+22	2,374739E+22	2,266091E+22	2,266096E+22	2,374759E+22	2,493602E+22
-1482	2,529503E+22	2,472830E+22	2,400063E+22	2,400052E+22	2,472803E+22	2,529449E+22	2,493554E+22	2,374737E+22	2,266091E+22	2,266099E+22	2,374739E+22	2,493521E+22
-1481	2,529385E+22	2,472719E+22	2,399981E+22	2,400016E+22	2,472794E+22	2,529441E+22	2,493545E+22	2,374719E+22	2,266048E+22	2,266045E+22	2,374713E+22	2,493560E+22
-1480	2,529496E+22	2,472866E+22	2,400090E+22	2,400087E+22	2,472859E+22	2,529491E+22	2,493550E+22	2,374686E+22	2,266013E+22	2,266030E+22	2,374730E+22	2,493585E+22
-1479	2,529475E+22	2,472799E+22	2,400001E+22	2,399959E+22	2,472739E+22	2,529434E+22	2,493553E+22	2,374706E+22	2,266011E+22	2,265992E+22	2,374653E+22	2,493492E+22
-1478	2,529397E+22	2,472753E+22	2,400024E+22	2,400025E+22	2,472774E+22	2,529424E+22	2,493532E+22	2,374696E+22	2,266014E+22	2,266003E+22	2,374664E+22	2,493526E+22
-1477	2,529491E+22	2,472853E+22	2,400074E+22	2,400074E+22	2,472834E+22	2,529461E+22	2,493534E+22	2,374685E+22	2,266018E+22	2,266030E+22	2,374698E+22	2,493504E+22
-1476	2,529380E+22	2,472716E+22	2,399936E+22	2,399953E+22	2,472775E+22	2,529450E+22	2,493535E+22	2,374679E+22	2,265997E+22	2,265995E+22	2,374667E+22	2,493495E+22
-1475	2,529386E+22	2,472754E+22	2,400028E+22	2,400041E+22	2,472821E+22	2,529477E+22	2,493552E+22	2,374684E+22	2,265997E+22	2,266004E+22	2,374705E+22	2,493595E+22
-1474	2,529512E+22	2,472806E+22	2,400009E+22	2,400004E+22	2,472783E+22	2,529453E+22	2,493556E+22	2,374710E+22	2,266031E+22	2,266033E+22	2,374701E+22	2,493520E+22
-1473	2,529403E+22	2,472717E+22	2,399936E+22	2,399956E+22	2,472749E+22	2,529425E+22	2,493552E+22	2,374726E+22	2,266039E+22	2,266019E+22	2,374675E+22	2,493518E+22
-1472	2,529465E+22	2,472864E+22	2,400104E+22	2,400084E+22	2,472835E+22	2,529469E+22	2,493550E+22	2,374714E+22	2,266056E+22	2,266065E+22	2,374740E+22	2,493582E+22
-1471	2,529483E+22	2,472837E+22	2,400069E+22	2,400028E+22	2,472771E+22	2,529427E+22	2,493540E+22	2,374726E+22	2,266079E+22	2,266081E+22	2,374719E+22	2,493510E+22
-1470	2,529387E+22	2,472751E+22	2,400052E+22	2,400079E+22	2,472822E+22	2,529446E+22	2,493540E+22	2,374729E+22	2,266091E+22	2,266100E+22	2,374738E+22	2,493558E+22
-1469	2,529499E+22	2,472884E+22	2,400140E+22	2,400153E+22	2,472903E+22	2,529510E+22	2,493574E+22	2,374742E+22	2,266105E+22	2,266128E+22	2,374786E+22	2,493584E+22
-1468	2,529453E+22	2,472793E+22	2,400028E+22	2,400036E+22	2,472824E+22	2,529482E+22	2,493586E+22	2,374767E+22	2,266111E+22	2,266094E+22	2,374721E+22	2,493524E+22
-1467	2,529424E+22	2,472814E+22	2,400108E+22	2,400114E+22	2,472852E+22	2,529489E+22	2,493597E+22	2,374789E+22	2,266137E+22	2,266117E+22	2,374749E+22	2,493591E+22
-1466	2,529537E+22	2,472904E+22	2,400144E+22	2,400124E+22	2,472840E+22	2,529460E+22	2,493576E+22	2,374789E+22	2,266164E+22	2,266165E+22	2,374780E+22	2,493538E+22
-1465	2,529406E+22	2,472772E+22	2,400036E+22	2,400048E+22	2,472798E+22	2,529436E+22	2,493563E+22	2,374780E+22	2,266142E+22	2,266129E+22	2,374744E+22	2,493526E+22
-1464	2,529429E+22	2,472845E+22	2,400144E+22	2,400148E+22	2,472878E+22	2,529488E+22	2,493562E+22	2,374744E+22	2,266116E+22	2,266135E+22	2,374794E+22	2,493618E+22
-1463	2,529510E+22	2,472853E+22	2,400090E+22	2,400068E+22	2,472806E+22	2,529446E+22	2,493548E+22	2,374729E+22	2,266089E+22	2,266104E+22	2,374750E+22	2,493540E+22
-1462	2,529414E+22	2,472752E+22	2,400011E+22	2,400039E+22	2,472803E+22	2,529445E+22	2,493547E+22	2,374727E+22	2,266068E+22	2,266061E+22	2,374705E+22	2,493538E+22
-1461	2,529493E+22	2,472890E+22	2,400123E+22	2,400107E+22	2,472857E+22	2,529485E+22	2,493562E+22	2,374724E+22	2,266062E+22	2,266066E+22	2,374736E+22	2,493568E+22
-1460	2,529459E+22	2,472804E+22	2,400035E+22	2,400016E+22	2,472777E+22	2,529436E+22	2,493547E+22	2,374721E+22	2,266050E+22	2,266027E+22	2,374661E+22	2,493473E+22
-1459	2,529376E+22	2,472748E+22	2,400043E+22	2,400071E+22	2,472819E+22	2,529452E+22	2,493548E+22	2,374719E+22	2,266052E+22	2,266041E+22	2,374694E+22	2,493537E+22
-1458	2,529480E+22	2,472843E+22	2,400077E+22	2,400084E+22	2,472840E+22	2,529466E+22	2,493543E+22	2,374705E+22	2,266053E+22	2,266078E+22	2,374749E+22	2,493538E+22
-1457	2,529392E+22	2,472719E+22	2,399948E+22	2,399967E+22	2,472770E+22	2,529453E+22	2,493566E+22	2,374722E+22	2,266035E+22	2,266025E+22	2,374687E+22	2,493511E+22
-1456	2,529405E+22	2,472774E+22	2,400039E+22	2,400050E+22	2,472823E+22	2,529481E+22	2,493573E+22	2,374728E+22	2,266055E+22	2,266051E+22	2,374726E+22	2,493592E+22
-1455	2,529524E+22	2,472858E+22	2,400061E+22	2,400022E+22	2,472765E+22	2,529425E+22	2,493543E+22	2,374726E+22	2,266072E+22	2,266075E+22	2,374722E+22	2,493523E+22
-1454	2,529413E+22	2,472755E+22	2,399999E+22	2,400014E+22	2,472768E+22	2,529409E+22	2,493529E+22	2,374731E+22	2,266088E+22	2,266080E+22	2,374704E+22	2,493507E+22
-1453	2,529448E+22	2,472871E+22	2,400140E+22	2,400132E+22	2,472863E+22	2,529467E+22	2,493543E+22	2,374730E+22	2,266103E+22	2,266122E+22	2,374785E+22	2,493599E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1452	2,529476E+22	2,472828E+22	2,400086E+22	2,400084E+22	2,472826E+22	2,529452E+22	2,493544E+22	2,374731E+22	2,266098E+22	2,266107E+22	2,374738E+22	2,493523E+22
-1451	2,529398E+22	2,472761E+22	2,400066E+22	2,400108E+22	2,472854E+22	2,529480E+22	2,493578E+22	2,374767E+22	2,266122E+22	2,266114E+22	2,374747E+22	2,493568E+22
-1450	2,529511E+22	2,472907E+22	2,400157E+22	2,400153E+22	2,472885E+22	2,529499E+22	2,493590E+22	2,374785E+22	2,266158E+22	2,266168E+22	2,374805E+22	2,493586E+22
-1449	2,529459E+22	2,472824E+22	2,400074E+22	2,400063E+22	2,472808E+22	2,529464E+22	2,493604E+22	2,374816E+22	2,266172E+22	2,266139E+22	2,374729E+22	2,493504E+22
-1448	2,529409E+22	2,472824E+22	2,400139E+22	2,400153E+22	2,472869E+22	2,529481E+22	2,493593E+22	2,374818E+22	2,266201E+22	2,266186E+22	2,374786E+22	2,493580E+22
-1447	2,529516E+22	2,472920E+22	2,400181E+22	2,400159E+22	2,472855E+22	2,529450E+22	2,493552E+22	2,374779E+22	2,266185E+22	2,266208E+22	2,374824E+22	2,493567E+22
-1446	2,529414E+22	2,472782E+22	2,400061E+22	2,400085E+22	2,472827E+22	2,529447E+22	2,493554E+22	2,374772E+22	2,266159E+22	2,266162E+22	2,374771E+22	2,493542E+22
-1445	2,529435E+22	2,472850E+22	2,400152E+22	2,400161E+22	2,472887E+22	2,529494E+22	2,493578E+22	2,374770E+22	2,266144E+22	2,266158E+22	2,374812E+22	2,493637E+22
-1444	2,529529E+22	2,472867E+22	2,400107E+22	2,400100E+22	2,472832E+22	2,529455E+22	2,493556E+22	2,374748E+22	2,266112E+22	2,266112E+22	2,374738E+22	2,493527E+22
-1443	2,529422E+22	2,472783E+22	2,400045E+22	2,400067E+22	2,472816E+22	2,529455E+22	2,493569E+22	2,374763E+22	2,266108E+22	2,266083E+22	2,374705E+22	2,493520E+22
-1442	2,529470E+22	2,472899E+22	2,400153E+22	2,400132E+22	2,472855E+22	2,529465E+22	2,493556E+22	2,374749E+22	2,266113E+22	2,266121E+22	2,374772E+22	2,493571E+22
-1441	2,529440E+22	2,472801E+22	2,400057E+22	2,400050E+22	2,472793E+22	2,529439E+22	2,493557E+22	2,374745E+22	2,266089E+22	2,266071E+22	2,374691E+22	2,493482E+22
-1440	2,529364E+22	2,472731E+22	2,400032E+22	2,400083E+22	2,472843E+22	2,529474E+22	2,493566E+22	2,374744E+22	2,266093E+22	2,266089E+22	2,374732E+22	2,493555E+22
-1439	2,529490E+22	2,472866E+22	2,400090E+22	2,400084E+22	2,472830E+22	2,529457E+22	2,493544E+22	2,374717E+22	2,266074E+22	2,266100E+22	2,374773E+22	2,493570E+22
-1438	2,529429E+22	2,472762E+22	2,399982E+22	2,399983E+22	2,472761E+22	2,529432E+22	2,493553E+22	2,374738E+22	2,266077E+22	2,266060E+22	2,374692E+22	2,493500E+22
-1437	2,529408E+22	2,472809E+22	2,400087E+22	2,400079E+22	2,472814E+22	2,529454E+22	2,493565E+22	2,374759E+22	2,266112E+22	2,266103E+22	2,374749E+22	2,493590E+22
-1436	2,529518E+22	2,472877E+22	2,400115E+22	2,400097E+22	2,472809E+22	2,529418E+22	2,493521E+22	2,374727E+22	2,266105E+22	2,266115E+22	2,374738E+22	2,493515E+22
-1435	2,529403E+22	2,472770E+22	2,400038E+22	2,400073E+22	2,472821E+22	2,529441E+22	2,493542E+22	2,374748E+22	2,266118E+22	2,266111E+22	2,374730E+22	2,493517E+22
-1434	2,529435E+22	2,472870E+22	2,400160E+22	2,400162E+22	2,472886E+22	2,529485E+22	2,493561E+22	2,374758E+22	2,266142E+22	2,266164E+22	2,374821E+22	2,493623E+22
-1433	2,529486E+22	2,472838E+22	2,400106E+22	2,400110E+22	2,472841E+22	2,529471E+22	2,493586E+22	2,374783E+22	2,266146E+22	2,266137E+22	2,374745E+22	2,493521E+22
-1432	2,529404E+22	2,472777E+22	2,400077E+22	2,400120E+22	2,472866E+22	2,529495E+22	2,493610E+22	2,374825E+22	2,266195E+22	2,266172E+22	2,374766E+22	2,493553E+22
-1431	2,529502E+22	2,472942E+22	2,400204E+22	2,400172E+22	2,472869E+22	2,529472E+22	2,493581E+22	2,374811E+22	2,266212E+22	2,266223E+22	2,374837E+22	2,493593E+22
-1430	2,529457E+22	2,472844E+22	2,400121E+22	2,400109E+22	2,472821E+22	2,529439E+22	2,493573E+22	2,374824E+22	2,266228E+22	2,266210E+22	2,374771E+22	2,493508E+22
-1429	2,529392E+22	2,472821E+22	2,400159E+22	2,400183E+22	2,472887E+22	2,529475E+22	2,493579E+22	2,374824E+22	2,266240E+22	2,266244E+22	2,374841E+22	2,493617E+22
-1428	2,529524E+22	2,472914E+22	2,400190E+22	2,400196E+22	2,472893E+22	2,529463E+22	2,493545E+22	2,374770E+22	2,266188E+22	2,266219E+22	2,374838E+22	2,493590E+22
-1427	2,529445E+22	2,472809E+22	2,400080E+22	2,400104E+22	2,472849E+22	2,529471E+22	2,493580E+22	2,374793E+22	2,266168E+22	2,266155E+22	2,374766E+22	2,493550E+22
-1426	2,529452E+22	2,472882E+22	2,400179E+22	2,400167E+22	2,472874E+22	2,529480E+22	2,493584E+22	2,374800E+22	2,266180E+22	2,266176E+22	2,374809E+22	2,493629E+22
-1425	2,529530E+22	2,472895E+22	2,400154E+22	2,400135E+22	2,472835E+22	2,529450E+22	2,493573E+22	2,374786E+22	2,266157E+22	2,266140E+22	2,374730E+22	2,493496E+22
-1424	2,529396E+22	2,472786E+22	2,400072E+22	2,400108E+22	2,472848E+22	2,529467E+22	2,493579E+22	2,374795E+22	2,266166E+22	2,266143E+22	2,374733E+22	2,493501E+22
-1423	2,529435E+22	2,472898E+22	2,400173E+22	2,400153E+22	2,472869E+22	2,529467E+22	2,493550E+22	2,374753E+22	2,266140E+22	2,266163E+22	2,374811E+22	2,493594E+22
-1422	2,529440E+22	2,472800E+22	2,400070E+22	2,400071E+22	2,472811E+22	2,529446E+22	2,493556E+22	2,374759E+22	2,266128E+22	2,266116E+22	2,374720E+22	2,493499E+22
-1421	2,529371E+22	2,472735E+22	2,400033E+22	2,400080E+22	2,472836E+22	2,529467E+22	2,493576E+22	2,374778E+22	2,266140E+22	2,266129E+22	2,374760E+22	2,493579E+22
-1420	2,529510E+22	2,472883E+22	2,400109E+22	2,400106E+22	2,472837E+22	2,529444E+22	2,493537E+22	2,374734E+22	2,266108E+22	2,266125E+22	2,374774E+22	2,493569E+22
-1419	2,529445E+22	2,472805E+22	2,400035E+22	2,400023E+22	2,472773E+22	2,529426E+22	2,493554E+22	2,374762E+22	2,266116E+22	2,266093E+22	2,374708E+22	2,493498E+22
-1418	2,529395E+22	2,472826E+22	2,400135E+22	2,400123E+22	2,472825E+22	2,529430E+22	2,493542E+22	2,374769E+22	2,266157E+22	2,266158E+22	2,374789E+22	2,493603E+22
-1417	2,529509E+22	2,472882E+22	2,400151E+22	2,400147E+22	2,472848E+22	2,529439E+22	2,493533E+22	2,374741E+22	2,266136E+22	2,266152E+22	2,374763E+22	2,493522E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1416	2,529397E+22	2,472769E+22	2,400050E+22	2,400102E+22	2,472862E+22	2,529479E+22	2,493574E+22	2,374781E+22	2,266161E+22	2,266155E+22	2,374756E+22	2,493519E+22
-1415	2,529435E+22	2,472891E+22	2,400181E+22	2,400171E+22	2,472888E+22	2,529489E+22	2,493578E+22	2,374788E+22	2,266178E+22	2,266192E+22	2,374834E+22	2,493634E+22
-1414	2,529505E+22	2,472873E+22	2,400146E+22	2,400134E+22	2,472843E+22	2,529461E+22	2,493585E+22	2,374822E+22	2,266215E+22	2,266190E+22	2,374755E+22	2,493506E+22
-1413	2,529394E+22	2,472796E+22	2,400113E+22	2,400145E+22	2,472863E+22	2,529475E+22	2,493609E+22	2,374866E+22	2,266267E+22	2,266242E+22	2,374805E+22	2,493561E+22
-1412	2,529493E+22	2,472942E+22	2,400238E+22	2,400230E+22	2,472905E+22	2,529464E+22	2,493561E+22	2,374814E+22	2,266249E+22	2,266271E+22	2,374869E+22	2,493606E+22
-1411	2,529462E+22	2,472859E+22	2,400153E+22	2,400151E+22	2,472857E+22	2,529460E+22	2,493579E+22	2,374831E+22	2,266246E+22	2,266239E+22	2,374808E+22	2,493537E+22
-1410	2,529396E+22	2,472826E+22	2,400178E+22	2,400201E+22	2,472894E+22	2,529475E+22	2,493583E+22	2,374838E+22	2,266265E+22	2,266272E+22	2,374870E+22	2,493648E+22
-1409	2,529552E+22	2,472938E+22	2,400215E+22	2,400213E+22	2,472903E+22	2,529480E+22	2,493575E+22	2,374802E+22	2,266216E+22	2,266231E+22	2,374829E+22	2,493579E+22
-1408	2,529454E+22	2,472836E+22	2,400104E+22	2,400118E+22	2,472861E+22	2,529485E+22	2,493605E+22	2,374838E+22	2,266223E+22	2,266193E+22	2,374762E+22	2,493516E+22
-1407	2,529435E+22	2,472912E+22	2,400227E+22	2,400193E+22	2,472869E+22	2,529461E+22	2,493577E+22	2,374820E+22	2,266222E+22	2,266216E+22	2,374822E+22	2,493618E+22
-1406	2,529515E+22	2,472902E+22	2,400193E+22	2,400180E+22	2,472856E+22	2,529434E+22	2,493546E+22	2,374796E+22	2,266210E+22	2,266198E+22	2,374757E+22	2,493488E+22
-1405	2,529365E+22	2,472763E+22	2,400073E+22	2,400122E+22	2,472865E+22	2,529471E+22	2,493576E+22	2,374809E+22	2,266206E+22	2,266198E+22	2,374784E+22	2,493534E+22
-1404	2,529435E+22	2,472874E+22	2,400169E+22	2,400174E+22	2,472892E+22	2,529475E+22	2,493549E+22	2,374753E+22	2,266151E+22	2,266181E+22	2,374828E+22	2,493619E+22
-1403	2,529470E+22	2,472825E+22	2,400084E+22	2,400074E+22	2,472812E+22	2,529452E+22	2,493572E+22	2,374781E+22	2,266146E+22	2,266127E+22	2,374731E+22	2,493513E+22
-1402	2,529387E+22	2,472768E+22	2,400068E+22	2,400088E+22	2,472815E+22	2,529437E+22	2,493564E+22	2,374800E+22	2,266183E+22	2,266166E+22	2,374773E+22	2,493583E+22
-1401	2,529524E+22	2,472919E+22	2,400166E+22	2,400147E+22	2,472845E+22	2,529435E+22	2,493536E+22	2,374753E+22	2,266150E+22	2,266161E+22	2,374778E+22	2,493548E+22
-1400	2,529432E+22	2,472820E+22	2,400079E+22	2,400079E+22	2,472821E+22	2,529445E+22	2,493558E+22	2,374782E+22	2,266164E+22	2,266148E+22	2,374734E+22	2,493484E+22
-1399	2,529374E+22	2,472837E+22	2,400171E+22	2,400164E+22	2,472858E+22	2,529447E+22	2,493546E+22	2,374776E+22	2,266181E+22	2,266192E+22	2,374817E+22	2,493622E+22
-1398	2,529515E+22	2,472888E+22	2,400178E+22	2,400186E+22	2,472882E+22	2,529459E+22	2,493547E+22	2,374773E+22	2,266187E+22	2,266194E+22	2,374781E+22	2,493526E+22
-1397	2,529398E+22	2,472774E+22	2,400060E+22	2,400109E+22	2,472870E+22	2,529493E+22	2,493607E+22	2,374838E+22	2,266229E+22	2,266210E+22	2,374785E+22	2,493534E+22
-1396	2,529442E+22	2,472898E+22	2,400206E+22	2,400197E+22	2,472897E+22	2,529486E+22	2,493587E+22	2,374824E+22	2,266236E+22	2,266240E+22	2,374845E+22	2,493627E+22
-1395	2,529511E+22	2,472906E+22	2,400195E+22	2,400169E+22	2,472851E+22	2,529453E+22	2,493590E+22	2,374856E+22	2,266271E+22	2,266248E+22	2,374795E+22	2,493515E+22
-1394	2,529383E+22	2,472805E+22	2,400150E+22	2,400179E+22	2,472867E+22	2,529446E+22	2,493581E+22	2,374875E+22	2,266319E+22	2,266309E+22	2,374861E+22	2,493593E+22
-1393	2,529502E+22	2,472947E+22	2,400263E+22	2,400260E+22	2,472929E+22	2,529479E+22	2,493565E+22	2,374818E+22	2,266272E+22	2,266306E+22	2,374897E+22	2,493627E+22
-1392	2,529479E+22	2,472874E+22	2,400174E+22	2,400175E+22	2,472884E+22	2,529484E+22	2,493600E+22	2,374852E+22	2,266273E+22	2,266266E+22	2,374822E+22	2,493540E+22
-1391	2,529416E+22	2,472865E+22	2,400210E+22	2,400211E+22	2,472886E+22	2,529467E+22	2,493585E+22	2,374852E+22	2,266281E+22	2,266279E+22	2,374863E+22	2,493643E+22
-1390	2,529568E+22	2,472977E+22	2,400265E+22	2,400246E+22	2,472911E+22	2,529467E+22	2,493566E+22	2,374829E+22	2,266269E+22	2,266265E+22	2,374819E+22	2,493544E+22
-1389	2,529430E+22	2,472847E+22	2,400144E+22	2,400151E+22	2,472871E+22	2,529477E+22	2,493604E+22	2,374868E+22	2,266280E+22	2,266250E+22	2,374787E+22	2,493505E+22
-1388	2,529403E+22	2,472882E+22	2,400244E+22	2,400242E+22	2,472908E+22	2,529468E+22	2,493567E+22	2,374823E+22	2,266251E+22	2,266255E+22	2,374845E+22	2,493616E+22
-1387	2,529502E+22	2,472894E+22	2,400206E+22	2,400206E+22	2,472888E+22	2,529462E+22	2,493564E+22	2,374809E+22	2,266228E+22	2,266229E+22	2,374798E+22	2,493516E+22
-1386	2,529365E+22	2,472752E+22	2,400071E+22	2,400119E+22	2,472856E+22	2,529464E+22	2,493581E+22	2,374829E+22	2,266237E+22	2,266233E+22	2,374818E+22	2,493571E+22
-1385	2,529470E+22	2,472891E+22	2,400178E+22	2,400169E+22	2,472885E+22	2,529483E+22	2,493570E+22	2,374781E+22	2,266183E+22	2,266202E+22	2,374830E+22	2,493617E+22
-1384	2,529491E+22	2,472860E+22	2,400119E+22	2,400089E+22	2,472811E+22	2,529450E+22	2,493581E+22	2,374812E+22	2,266197E+22	2,266172E+22	2,374739E+22	2,493491E+22
-1383	2,529385E+22	2,472806E+22	2,400126E+22	2,400124E+22	2,472811E+22	2,529409E+22	2,493541E+22	2,374804E+22	2,266215E+22	2,266206E+22	2,374794E+22	2,493581E+22
-1382	2,529519E+22	2,472936E+22	2,400218E+22	2,400207E+22	2,472883E+22	2,529430E+22	2,493509E+22	2,374759E+22	2,266197E+22	2,266214E+22	2,374804E+22	2,493544E+22
-1381	2,529413E+22	2,472811E+22	2,400097E+22	2,400110E+22	2,472856E+22	2,529470E+22	2,493572E+22	2,374802E+22	2,266205E+22	2,266198E+22	2,374775E+22	2,493509E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1380	2,529376E+22	2,472820E+22	2,400180E+22	2,400197E+22	2,472890E+22	2,529471E+22	2,493568E+22	2,374799E+22	2,266207E+22	2,266214E+22	2,374825E+22	2,493627E+22
-1379	2,529536E+22	2,472918E+22	2,400208E+22	2,400203E+22	2,472891E+22	2,529475E+22	2,493580E+22	2,374819E+22	2,266228E+22	2,266224E+22	2,374797E+22	2,493529E+22
-1378	2,529400E+22	2,472798E+22	2,400101E+22	2,400124E+22	2,472850E+22	2,529465E+22	2,493607E+22	2,374881E+22	2,266300E+22	2,266273E+22	2,374816E+22	2,493541E+22
-1377	2,529451E+22	2,472921E+22	2,400252E+22	2,400232E+22	2,472906E+22	2,529482E+22	2,493589E+22	2,374851E+22	2,266294E+22	2,266301E+22	2,374873E+22	2,493619E+22
-1376	2,529504E+22	2,472918E+22	2,400232E+22	2,400214E+22	2,472885E+22	2,529464E+22	2,493589E+22	2,374874E+22	2,266322E+22	2,266315E+22	2,374837E+22	2,493519E+22
-1375	2,529383E+22	2,472823E+22	2,400185E+22	2,400213E+22	2,472885E+22	2,529449E+22	2,493572E+22	2,374872E+22	2,266336E+22	2,266343E+22	2,374896E+22	2,493623E+22
-1374	2,529527E+22	2,472969E+22	2,400296E+22	2,400296E+22	2,472952E+22	2,529479E+22	2,493561E+22	2,374837E+22	2,266309E+22	2,266332E+22	2,374903E+22	2,493626E+22
-1373	2,529487E+22	2,472889E+22	2,400194E+22	2,400190E+22	2,472894E+22	2,529494E+22	2,493619E+22	2,374889E+22	2,266319E+22	2,266300E+22	2,374833E+22	2,493538E+22
-1372	2,529414E+22	2,472871E+22	2,400246E+22	2,400251E+22	2,472901E+22	2,529467E+22	2,493591E+22	2,374875E+22	2,266317E+22	2,266306E+22	2,374858E+22	2,493616E+22
-1371	2,529555E+22	2,472996E+22	2,400309E+22	2,400288E+22	2,472929E+22	2,529470E+22	2,493574E+22	2,374853E+22	2,266304E+22	2,266307E+22	2,374850E+22	2,493538E+22
-1370	2,529399E+22	2,472830E+22	2,400160E+22	2,400176E+22	2,472880E+22	2,529468E+22	2,493592E+22	2,374879E+22	2,266323E+22	2,266308E+22	2,374839E+22	2,493534E+22
-1369	2,529406E+22	2,472866E+22	2,400237E+22	2,400245E+22	2,472924E+22	2,529494E+22	2,493583E+22	2,374830E+22	2,266271E+22	2,266285E+22	2,374870E+22	2,493632E+22
-1368	2,529517E+22	2,472898E+22	2,400204E+22	2,400205E+22	2,472893E+22	2,529477E+22	2,493586E+22	2,374836E+22	2,266257E+22	2,266256E+22	2,374812E+22	2,493523E+22
-1367	2,529394E+22	2,472791E+22	2,400096E+22	2,400118E+22	2,472833E+22	2,529438E+22	2,493572E+22	2,374840E+22	2,266258E+22	2,266247E+22	2,374820E+22	2,493576E+22
-1366	2,529496E+22	2,472938E+22	2,400233E+22	2,400203E+22	2,472880E+22	2,529449E+22	2,493545E+22	2,374801E+22	2,266235E+22	2,266238E+22	2,374828E+22	2,493592E+22
-1365	2,529479E+22	2,472879E+22	2,400169E+22	2,400136E+22	2,472831E+22	2,529444E+22	2,493574E+22	2,374830E+22	2,266244E+22	2,266225E+22	2,374771E+22	2,493488E+22
-1364	2,529364E+22	2,472794E+22	2,400163E+22	2,400188E+22	2,472859E+22	2,529427E+22	2,493538E+22	2,374804E+22	2,266236E+22	2,266238E+22	2,374812E+22	2,493575E+22
-1363	2,529510E+22	2,472943E+22	2,400249E+22	2,400250E+22	2,472926E+22	2,529472E+22	2,493542E+22	2,374782E+22	2,266217E+22	2,266244E+22	2,374838E+22	2,493560E+22
-1362	2,529410E+22	2,472806E+22	2,400109E+22	2,400125E+22	2,472862E+22	2,529479E+22	2,493596E+22	2,374846E+22	2,266259E+22	2,266245E+22	2,374807E+22	2,493532E+22
-1361	2,529400E+22	2,472831E+22	2,400186E+22	2,400197E+22	2,472895E+22	2,529494E+22	2,493603E+22	2,374849E+22	2,266268E+22	2,266259E+22	2,374835E+22	2,493615E+22
-1360	2,529542E+22	2,472946E+22	2,400247E+22	2,400226E+22	2,472892E+22	2,529473E+22	2,493598E+22	2,374870E+22	2,266305E+22	2,266296E+22	2,374826E+22	2,493518E+22
-1359	2,529398E+22	2,472827E+22	2,400151E+22	2,400159E+22	2,472840E+22	2,529426E+22	2,493576E+22	2,374890E+22	2,266348E+22	2,266336E+22	2,374861E+22	2,493557E+22
-1358	2,529455E+22	2,472937E+22	2,400294E+22	2,400283E+22	2,472930E+22	2,529461E+22	2,493554E+22	2,374854E+22	2,266344E+22	2,266360E+22	2,374916E+22	2,493634E+22
-1357	2,529503E+22	2,472922E+22	2,400254E+22	2,400245E+22	2,472911E+22	2,529479E+22	2,493592E+22	2,374879E+22	2,266349E+22	2,266357E+22	2,374880E+22	2,493551E+22
-1356	2,529398E+22	2,472825E+22	2,400207E+22	2,400247E+22	2,472908E+22	2,529462E+22	2,493582E+22	2,374879E+22	2,266343E+22	2,266346E+22	2,374891E+22	2,493622E+22
-1355	2,529550E+22	2,473011E+22	2,400338E+22	2,400324E+22	2,472966E+22	2,529496E+22	2,493586E+22	2,374867E+22	2,266331E+22	2,266345E+22	2,374905E+22	2,493614E+22
-1354	2,529479E+22	2,472909E+22	2,400237E+22	2,400219E+22	2,472889E+22	2,529477E+22	2,493621E+22	2,374924E+22	2,266374E+22	2,266345E+22	2,374847E+22	2,493530E+22
-1353	2,529407E+22	2,472874E+22	2,400270E+22	2,400282E+22	2,472926E+22	2,529483E+22	2,493603E+22	2,374900E+22	2,266362E+22	2,266351E+22	2,374873E+22	2,493593E+22
-1352	2,529528E+22	2,472989E+22	2,400327E+22	2,400321E+22	2,472960E+22	2,529493E+22	2,493590E+22	2,374877E+22	2,266347E+22	2,266359E+22	2,374883E+22	2,493541E+22
-1351	2,529393E+22	2,472830E+22	2,400169E+22	2,400186E+22	2,472878E+22	2,529463E+22	2,493592E+22	2,374886E+22	2,266342E+22	2,266337E+22	2,374872E+22	2,493565E+22
-1350	2,529431E+22	2,472882E+22	2,400247E+22	2,400255E+22	2,472921E+22	2,529479E+22	2,493580E+22	2,374858E+22	2,266314E+22	2,266314E+22	2,374881E+22	2,493637E+22
-1349	2,529533E+22	2,472922E+22	2,400220E+22	2,400206E+22	2,472883E+22	2,529470E+22	2,493594E+22	2,374867E+22	2,266304E+22	2,266296E+22	2,374832E+22	2,493526E+22
-1348	2,529399E+22	2,472812E+22	2,400142E+22	2,400160E+22	2,472836E+22	2,529421E+22	2,493560E+22	2,374849E+22	2,266286E+22	2,266272E+22	2,374822E+22	2,493557E+22
-1347	2,529492E+22	2,472968E+22	2,400290E+22	2,400262E+22	2,472906E+22	2,529446E+22	2,493538E+22	2,374808E+22	2,266258E+22	2,266277E+22	2,374863E+22	2,493591E+22
-1346	2,529452E+22	2,472870E+22	2,400197E+22	2,400182E+22	2,472858E+22	2,529446E+22	2,493566E+22	2,374839E+22	2,266279E+22	2,266274E+22	2,374816E+22	2,493516E+22
-1345	2,529371E+22	2,472788E+22	2,400165E+22	2,400207E+22	2,472894E+22	2,529472E+22	2,493570E+22	2,374824E+22	2,266262E+22	2,266267E+22	2,374830E+22	2,493577E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1344	2,529514E+22	2,472952E+22	2,400259E+22	2,400262E+22	2,472940E+22	2,529497E+22	2,493582E+22	2,374830E+22	2,266265E+22	2,266279E+22	2,374847E+22	2,493556E+22
-1343	2,529426E+22	2,472840E+22	2,400138E+22	2,400135E+22	2,472844E+22	2,529458E+22	2,493599E+22	2,374880E+22	2,266309E+22	2,266287E+22	2,374824E+22	2,493535E+22
-1342	2,529416E+22	2,472869E+22	2,400235E+22	2,400233E+22	2,472888E+22	2,529456E+22	2,493583E+22	2,374885E+22	2,266342E+22	2,266321E+22	2,374857E+22	2,493599E+22
-1341	2,529524E+22	2,472956E+22	2,400282E+22	2,400268E+22	2,472910E+22	2,529463E+22	2,493587E+22	2,374890E+22	2,266363E+22	2,266367E+22	2,374881E+22	2,493535E+22
-1340	2,529386E+22	2,472823E+22	2,400188E+22	2,400219E+22	2,472879E+22	2,529434E+22	2,493566E+22	2,374884E+22	2,266365E+22	2,266370E+22	2,374893E+22	2,493575E+22
-1339	2,529467E+22	2,472958E+22	2,400332E+22	2,400327E+22	2,472962E+22	2,529485E+22	2,493572E+22	2,374865E+22	2,266352E+22	2,266384E+22	2,374951E+22	2,493657E+22
-1338	2,529513E+22	2,472933E+22	2,400276E+22	2,400270E+22	2,472921E+22	2,529484E+22	2,493609E+22	2,374912E+22	2,266388E+22	2,266388E+22	2,374899E+22	2,493569E+22
-1337	2,529426E+22	2,472856E+22	2,400227E+22	2,400257E+22	2,472923E+22	2,529490E+22	2,493613E+22	2,374919E+22	2,266389E+22	2,266373E+22	2,374882E+22	2,493589E+22
-1336	2,529537E+22	2,473038E+22	2,400383E+22	2,400357E+22	2,472976E+22	2,529502E+22	2,493610E+22	2,374917E+22	2,266397E+22	2,266397E+22	2,374912E+22	2,493587E+22
-1335	2,529461E+22	2,472920E+22	2,400272E+22	2,400257E+22	2,472894E+22	2,529454E+22	2,493603E+22	2,374939E+22	2,266421E+22	2,266400E+22	2,374885E+22	2,493539E+22
-1334	2,529399E+22	2,472870E+22	2,400282E+22	2,400314E+22	2,472945E+22	2,529471E+22	2,493587E+22	2,374916E+22	2,266411E+22	2,266402E+22	2,374910E+22	2,493606E+22
-1333	2,529518E+22	2,472976E+22	2,400321E+22	2,400327E+22	2,472971E+22	2,529504E+22	2,493602E+22	2,374894E+22	2,266376E+22	2,266398E+22	2,374927E+22	2,493577E+22
-1332	2,529408E+22	2,472835E+22	2,400182E+22	2,400200E+22	2,472874E+22	2,529455E+22	2,493592E+22	2,374894E+22	2,266351E+22	2,266342E+22	2,374873E+22	2,493571E+22
-1331	2,529457E+22	2,472931E+22	2,400291E+22	2,400276E+22	2,472915E+22	2,529467E+22	2,493582E+22	2,374873E+22	2,266333E+22	2,266334E+22	2,374894E+22	2,493631E+22
-1330	2,529528E+22	2,472949E+22	2,400267E+22	2,400243E+22	2,472880E+22	2,529443E+22	2,493577E+22	2,374883E+22	2,266347E+22	2,266339E+22	2,374852E+22	2,493527E+22
-1329	2,529398E+22	2,472823E+22	2,400168E+22	2,400200E+22	2,472876E+22	2,529445E+22	2,493563E+22	2,374858E+22	2,266316E+22	2,266307E+22	2,374835E+22	2,493537E+22
-1328	2,529466E+22	2,472969E+22	2,400319E+22	2,400309E+22	2,472954E+22	2,529483E+22	2,493564E+22	2,374834E+22	2,266294E+22	2,266314E+22	2,374883E+22	2,493594E+22
-1327	2,529451E+22	2,472872E+22	2,400210E+22	2,400206E+22	2,472871E+22	2,529453E+22	2,493579E+22	2,374860E+22	2,266306E+22	2,266302E+22	2,374840E+22	2,493537E+22
-1326	2,529389E+22	2,472800E+22	2,400171E+22	2,400220E+22	2,472898E+22	2,529466E+22	2,493585E+22	2,374876E+22	2,266324E+22	2,266306E+22	2,374842E+22	2,493572E+22
-1325	2,529511E+22	2,472968E+22	2,400276E+22	2,400269E+22	2,472935E+22	2,529496E+22	2,493601E+22	2,374878E+22	2,266333E+22	2,266340E+22	2,374881E+22	2,493561E+22
-1324	2,529419E+22	2,472855E+22	2,400184E+22	2,400174E+22	2,472839E+22	2,529431E+22	2,493586E+22	2,374899E+22	2,266357E+22	2,266337E+22	2,374849E+22	2,493532E+22
-1323	2,529414E+22	2,472898E+22	2,400287E+22	2,400285E+22	2,472909E+22	2,529444E+22	2,493567E+22	2,374889E+22	2,266376E+22	2,266381E+22	2,374915E+22	2,493620E+22
-1322	2,529514E+22	2,472958E+22	2,400309E+22	2,400306E+22	2,472931E+22	2,529459E+22	2,493572E+22	2,374893E+22	2,266398E+22	2,266419E+22	2,374931E+22	2,493578E+22
-1321	2,529415E+22	2,472839E+22	2,400199E+22	2,400239E+22	2,472913E+22	2,529472E+22	2,493588E+22	2,374897E+22	2,266382E+22	2,266385E+22	2,374900E+22	2,493580E+22
-1320	2,529484E+22	2,472991E+22	2,400366E+22	2,400356E+22	2,472982E+22	2,529506E+22	2,493606E+22	2,374909E+22	2,266392E+22	2,266402E+22	2,374940E+22	2,493646E+22
-1319	2,529529E+22	2,472974E+22	2,400322E+22	2,400299E+22	2,472916E+22	2,529466E+22	2,493611E+22	2,374945E+22	2,266434E+22	2,266419E+22	2,374900E+22	2,493556E+22
-1318	2,529426E+22	2,472887E+22	2,400277E+22	2,400304E+22	2,472933E+22	2,529467E+22	2,493608E+22	2,374963E+22	2,266462E+22	2,266430E+22	2,374896E+22	2,493560E+22
-1317	2,529495E+22	2,473031E+22	2,400408E+22	2,400397E+22	2,473006E+22	2,529511E+22	2,493615E+22	2,374944E+22	2,266455E+22	2,266466E+22	2,374961E+22	2,493595E+22
-1316	2,529432E+22	2,472902E+22	2,400292E+22	2,400296E+22	2,472921E+22	2,529464E+22	2,493604E+22	2,374945E+22	2,266445E+22	2,266435E+22	2,374918E+22	2,493560E+22
-1315	2,529408E+22	2,472879E+22	2,400297E+22	2,400333E+22	2,472960E+22	2,529481E+22	2,493600E+22	2,374928E+22	2,266427E+22	2,266432E+22	2,374950E+22	2,493635E+22
-1314	2,529529E+22	2,472981E+22	2,400323E+22	2,400328E+22	2,472963E+22	2,529493E+22	2,493605E+22	2,374921E+22	2,266416E+22	2,266431E+22	2,374951E+22	2,493607E+22
-1313	2,529444E+22	2,472871E+22	2,400200E+22	2,400203E+22	2,472879E+22	2,529465E+22	2,493602E+22	2,374915E+22	2,266383E+22	2,266364E+22	2,374869E+22	2,493552E+22
-1312	2,529454E+22	2,472965E+22	2,400344E+22	2,400315E+22	2,472923E+22	2,529458E+22	2,493583E+22	2,374898E+22	2,266375E+22	2,266369E+22	2,374898E+22	2,493615E+22
-1311	2,529517E+22	2,472960E+22	2,400306E+22	2,400290E+22	2,472899E+22	2,529425E+22	2,493553E+22	2,374880E+22	2,266374E+22	2,266377E+22	2,374880E+22	2,493539E+22
-1310	2,529396E+22	2,472828E+22	2,400187E+22	2,400237E+22	2,472906E+22	2,529447E+22	2,493559E+22	2,374875E+22	2,266352E+22	2,266342E+22	2,374855E+22	2,493538E+22
-1309	2,529447E+22	2,472954E+22	2,400314E+22	2,400317E+22	2,472973E+22	2,529509E+22	2,493593E+22	2,374866E+22	2,266330E+22	2,266347E+22	2,374907E+22	2,493609E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1308	2,529452E+22	2,472879E+22	2,400227E+22	2,400221E+22	2,472874E+22	2,529452E+22	2,493593E+22	2,374890E+22	2,266339E+22	2,266319E+22	2,374840E+22	2,493536E+22
-1307	2,529405E+22	2,472842E+22	2,400212E+22	2,400240E+22	2,472892E+22	2,529451E+22	2,493590E+22	2,374905E+22	2,266369E+22	2,266353E+22	2,374869E+22	2,493569E+22
-1306	2,529499E+22	2,472981E+22	2,400314E+22	2,400303E+22	2,472933E+22	2,529467E+22	2,493586E+22	2,374904E+22	2,266396E+22	2,266407E+22	2,374924E+22	2,493579E+22
-1305	2,529425E+22	2,472872E+22	2,400212E+22	2,400212E+22	2,472878E+22	2,529448E+22	2,493580E+22	2,374905E+22	2,266394E+22	2,266386E+22	2,374880E+22	2,493533E+22
-1304	2,529405E+22	2,472915E+22	2,400329E+22	2,400332E+22	2,472946E+22	2,529466E+22	2,493582E+22	2,374910E+22	2,266411E+22	2,266419E+22	2,374938E+22	2,493639E+22
-1303	2,529531E+22	2,472976E+22	2,400338E+22	2,400341E+22	2,472949E+22	2,529461E+22	2,493577E+22	2,374912E+22	2,266427E+22	2,266446E+22	2,374951E+22	2,493600E+22
-1302	2,529445E+22	2,472874E+22	2,400229E+22	2,400267E+22	2,472926E+22	2,529469E+22	2,493605E+22	2,374950E+22	2,266443E+22	2,266420E+22	2,374900E+22	2,493561E+22
-1301	2,529473E+22	2,473011E+22	2,400400E+22	2,400382E+22	2,472993E+22	2,529515E+22	2,493632E+22	2,374962E+22	2,266462E+22	2,266459E+22	2,374960E+22	2,493633E+22
-1300	2,529504E+22	2,472984E+22	2,400374E+22	2,400350E+22	2,472930E+22	2,529452E+22	2,493605E+22	2,374970E+22	2,266485E+22	2,266469E+22	2,374924E+22	2,493546E+22
-1299	2,529408E+22	2,472894E+22	2,400312E+22	2,400350E+22	2,472963E+22	2,529468E+22	2,493600E+22	2,374970E+22	2,266500E+22	2,266495E+22	2,374957E+22	2,493581E+22
-1298	2,529475E+22	2,473008E+22	2,400410E+22	2,400414E+22	2,473022E+22	2,529515E+22	2,493612E+22	2,374953E+22	2,266491E+22	2,266518E+22	2,375016E+22	2,493646E+22
-1297	2,529462E+22	2,472907E+22	2,400279E+22	2,400287E+22	2,472936E+22	2,529489E+22	2,493618E+22	2,374955E+22	2,266460E+22	2,266452E+22	2,374928E+22	2,493572E+22
-1296	2,529431E+22	2,472914E+22	2,400325E+22	2,400341E+22	2,472956E+22	2,529480E+22	2,493614E+22	2,374959E+22	2,266459E+22	2,266445E+22	2,374941E+22	2,493637E+22
-1295	2,529556E+22	2,473023E+22	2,400366E+22	2,400347E+22	2,472945E+22	2,529454E+22	2,493582E+22	2,374930E+22	2,266446E+22	2,266453E+22	2,374949E+22	2,493599E+22
-1294	2,529451E+22	2,472904E+22	2,400249E+22	2,400248E+22	2,472890E+22	2,529437E+22	2,493585E+22	2,374937E+22	2,266427E+22	2,266398E+22	2,374871E+22	2,493523E+22
-1293	2,529418E+22	2,472959E+22	2,400372E+22	2,400360E+22	2,472965E+22	2,529478E+22	2,493588E+22	2,374912E+22	2,266409E+22	2,266412E+22	2,374926E+22	2,493616E+22
-1292	2,529488E+22	2,472947E+22	2,400332E+22	2,400330E+22	2,472932E+22	2,529445E+22	2,493562E+22	2,374887E+22	2,266387E+22	2,266394E+22	2,374894E+22	2,493546E+22
-1291	2,529399E+22	2,472837E+22	2,400203E+22	2,400255E+22	2,472927E+22	2,529467E+22	2,493584E+22	2,374898E+22	2,266380E+22	2,266378E+22	2,374885E+22	2,493551E+22
-1290	2,529444E+22	2,472951E+22	2,400316E+22	2,400315E+22	2,472968E+22	2,529506E+22	2,493609E+22	2,374911E+22	2,266391E+22	2,266397E+22	2,374931E+22	2,493625E+22
-1289	2,529473E+22	2,472906E+22	2,400243E+22	2,400223E+22	2,472876E+22	2,529457E+22	2,493603E+22	2,374925E+22	2,266397E+22	2,266369E+22	2,374852E+22	2,493521E+22
-1288	2,529396E+22	2,472870E+22	2,400268E+22	2,400283E+22	2,472900E+22	2,529432E+22	2,493584E+22	2,374936E+22	2,266431E+22	2,266411E+22	2,374896E+22	2,493577E+22
-1287	2,529499E+22	2,472991E+22	2,400352E+22	2,400346E+22	2,472949E+22	2,529443E+22	2,493553E+22	2,374901E+22	2,266433E+22	2,266461E+22	2,374970E+22	2,493612E+22
-1286	2,529443E+22	2,472890E+22	2,400244E+22	2,400253E+22	2,472904E+22	2,529447E+22	2,493577E+22	2,374922E+22	2,266428E+22	2,266424E+22	2,374907E+22	2,493547E+22
-1285	2,529408E+22	2,472926E+22	2,400350E+22	2,400358E+22	2,472973E+22	2,529492E+22	2,493607E+22	2,374939E+22	2,266446E+22	2,266450E+22	2,374957E+22	2,493648E+22
-1284	2,529538E+22	2,473004E+22	2,400385E+22	2,400375E+22	2,472964E+22	2,529465E+22	2,493590E+22	2,374941E+22	2,266462E+22	2,266466E+22	2,374945E+22	2,493588E+22
-1283	2,529454E+22	2,472919E+22	2,400289E+22	2,400309E+22	2,472942E+22	2,529470E+22	2,493613E+22	2,374979E+22	2,266496E+22	2,266476E+22	2,374924E+22	2,493545E+22
-1282	2,529443E+22	2,473003E+22	2,400432E+22	2,400423E+22	2,473013E+22	2,529510E+22	2,493632E+22	2,374997E+22	2,266532E+22	2,266530E+22	2,375001E+22	2,493643E+22
-1281	2,529499E+22	2,472982E+22	2,400385E+22	2,400379E+22	2,472975E+22	2,529484E+22	2,493615E+22	2,374988E+22	2,266527E+22	2,266521E+22	2,374958E+22	2,493554E+22
-1280	2,529399E+22	2,472897E+22	2,400334E+22	2,400372E+22	2,472982E+22	2,529485E+22	2,493620E+22	2,374996E+22	2,266534E+22	2,266529E+22	2,374983E+22	2,493611E+22
-1279	2,529498E+22	2,473012E+22	2,400415E+22	2,400417E+22	2,473015E+22	2,529502E+22	2,493610E+22	2,374969E+22	2,266517E+22	2,266543E+22	2,375036E+22	2,493675E+22
-1278	2,529505E+22	2,472947E+22	2,400307E+22	2,400295E+22	2,472923E+22	2,529466E+22	2,493619E+22	2,374989E+22	2,266503E+22	2,266478E+22	2,374925E+22	2,493556E+22
-1277	2,529429E+22	2,472941E+22	2,400363E+22	2,400361E+22	2,472953E+22	2,529470E+22	2,493615E+22	2,374984E+22	2,266504E+22	2,266486E+22	2,374951E+22	2,493619E+22
-1276	2,529535E+22	2,473038E+22	2,400424E+22	2,400399E+22	2,472962E+22	2,529437E+22	2,493560E+22	2,374931E+22	2,266471E+22	2,266483E+22	2,374959E+22	2,493586E+22
-1275	2,529437E+22	2,472914E+22	2,400289E+22	2,400296E+22	2,472929E+22	2,529447E+22	2,493573E+22	2,374927E+22	2,266447E+22	2,266443E+22	2,374910E+22	2,493531E+22
-1274	2,529393E+22	2,472928E+22	2,400369E+22	2,400377E+22	2,472990E+22	2,529499E+22	2,493603E+22	2,374929E+22	2,266439E+22	2,266448E+22	2,374956E+22	2,493642E+22
-1273	2,529506E+22	2,472947E+22	2,400322E+22	2,400327E+22	2,472954E+22	2,529479E+22	2,493590E+22	2,374915E+22	2,266413E+22	2,266412E+22	2,374895E+22	2,493542E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1272	2,529407E+22	2,472864E+22	2,400234E+22	2,400263E+22	2,472920E+22	2,529467E+22	2,493607E+22	2,374946E+22	2,266433E+22	2,266407E+22	2,374884E+22	2,493550E+22
-1271	2,529458E+22	2,472973E+22	2,400352E+22	2,400332E+22	2,472951E+22	2,529471E+22	2,493591E+22	2,374933E+22	2,266446E+22	2,266451E+22	2,374954E+22	2,493628E+22
-1270	2,529484E+22	2,472934E+22	2,400290E+22	2,400264E+22	2,472884E+22	2,529429E+22	2,493585E+22	2,374950E+22	2,266454E+22	2,266431E+22	2,374883E+22	2,493513E+22
-1269	2,529376E+22	2,472871E+22	2,400302E+22	2,400329E+22	2,472938E+22	2,529448E+22	2,493583E+22	2,374947E+22	2,266471E+22	2,266468E+22	2,374942E+22	2,493597E+22
-1268	2,529493E+22	2,472997E+22	2,400394E+22	2,400392E+22	2,472980E+22	2,529455E+22	2,493555E+22	2,374906E+22	2,266449E+22	2,266485E+22	2,374992E+22	2,493632E+22
-1267	2,529465E+22	2,472917E+22	2,400283E+22	2,400290E+22	2,472935E+22	2,529468E+22	2,493595E+22	2,374941E+22	2,266460E+22	2,266463E+22	2,374932E+22	2,493555E+22
-1266	2,529414E+22	2,472938E+22	2,400373E+22	2,400377E+22	2,472985E+22	2,529504E+22	2,493633E+22	2,374987E+22	2,266508E+22	2,266499E+22	2,374974E+22	2,493650E+22
-1265	2,529551E+22	2,473032E+22	2,400414E+22	2,400396E+22	2,472983E+22	2,529481E+22	2,493608E+22	2,374980E+22	2,266521E+22	2,266515E+22	2,374955E+22	2,493562E+22
-1264	2,529432E+22	2,472936E+22	2,400343E+22	2,400357E+22	2,472962E+22	2,529468E+22	2,493620E+22	2,375018E+22	2,266562E+22	2,266536E+22	2,374955E+22	2,493555E+22
-1263	2,529436E+22	2,472991E+22	2,400448E+22	2,400451E+22	2,473026E+22	2,529496E+22	2,493610E+22	2,375001E+22	2,266573E+22	2,266588E+22	2,375049E+22	2,493675E+22
-1262	2,529517E+22	2,472987E+22	2,400394E+22	2,400391E+22	2,472977E+22	2,529478E+22	2,493620E+22	2,375010E+22	2,266560E+22	2,266558E+22	2,374986E+22	2,493570E+22
-1261	2,529411E+22	2,472907E+22	2,400346E+22	2,400380E+22	2,472984E+22	2,529490E+22	2,493633E+22	2,375020E+22	2,266565E+22	2,266555E+22	2,374999E+22	2,493621E+22
-1260	2,529514E+22	2,473048E+22	2,400462E+22	2,400436E+22	2,473002E+22	2,529478E+22	2,493599E+22	2,374980E+22	2,266538E+22	2,266554E+22	2,375027E+22	2,493663E+22
-1259	2,529518E+22	2,472994E+22	2,400373E+22	2,400342E+22	2,472932E+22	2,529451E+22	2,493602E+22	2,374989E+22	2,266533E+22	2,266520E+22	2,374941E+22	2,493535E+22
-1258	2,529403E+22	2,472939E+22	2,400399E+22	2,400407E+22	2,472981E+22	2,529470E+22	2,493606E+22	2,374994E+22	2,266543E+22	2,266533E+22	2,374976E+22	2,493616E+22
-1257	2,529524E+22	2,473033E+22	2,400433E+22	2,400433E+22	2,473017E+22	2,529479E+22	2,493572E+22	2,374937E+22	2,266491E+22	2,266510E+22	2,374974E+22	2,493578E+22
-1256	2,529421E+22	2,472910E+22	2,400312E+22	2,400326E+22	2,472959E+22	2,529480E+22	2,493607E+22	2,374962E+22	2,266480E+22	2,266465E+22	2,374923E+22	2,493550E+22
-1255	2,529406E+22	2,472915E+22	2,400361E+22	2,400377E+22	2,472989E+22	2,529498E+22	2,493615E+22	2,374961E+22	2,266481E+22	2,266483E+22	2,374974E+22	2,493656E+22
-1254	2,529533E+22	2,472974E+22	2,400340E+22	2,400327E+22	2,472935E+22	2,529464E+22	2,493609E+22	2,374966E+22	2,266473E+22	2,266458E+22	2,374909E+22	2,493530E+22
-1253	2,529400E+22	2,472881E+22	2,400270E+22	2,400283E+22	2,472912E+22	2,529451E+22	2,493608E+22	2,374978E+22	2,266494E+22	2,266471E+22	2,374920E+22	2,493547E+22
-1252	2,529443E+22	2,472988E+22	2,400405E+22	2,400377E+22	2,472958E+22	2,529444E+22	2,493561E+22	2,374932E+22	2,266480E+22	2,266500E+22	2,374991E+22	2,493641E+22
-1251	2,529491E+22	2,472954E+22	2,400335E+22	2,400316E+22	2,472921E+22	2,529435E+22	2,493563E+22	2,374931E+22	2,266476E+22	2,266487E+22	2,374936E+22	2,493538E+22
-1250	2,529377E+22	2,472864E+22	2,400313E+22	2,400352E+22	2,472964E+22	2,529469E+22	2,493595E+22	2,374960E+22	2,266497E+22	2,266501E+22	2,374971E+22	2,493625E+22
-1249	2,529528E+22	2,473021E+22	2,400407E+22	2,400410E+22	2,473013E+22	2,529489E+22	2,493584E+22	2,374936E+22	2,266477E+22	2,266499E+22	2,374985E+22	2,493620E+22
-1248	2,529477E+22	2,472960E+22	2,400341E+22	2,400325E+22	2,472943E+22	2,529474E+22	2,493621E+22	2,374994E+22	2,266516E+22	2,266489E+22	2,374924E+22	2,493543E+22
-1247	2,529414E+22	2,472948E+22	2,400412E+22	2,400412E+22	2,472987E+22	2,529484E+22	2,493627E+22	2,375021E+22	2,266572E+22	2,266559E+22	2,374996E+22	2,493637E+22
-1246	2,529543E+22	2,473048E+22	2,400457E+22	2,400442E+22	2,472998E+22	2,529473E+22	2,493612E+22	2,375017E+22	2,266583E+22	2,266581E+22	2,374991E+22	2,493553E+22
-1245	2,529403E+22	2,472925E+22	2,400365E+22	2,400389E+22	2,472988E+22	2,529486E+22	2,493631E+22	2,375041E+22	2,266610E+22	2,266599E+22	2,375006E+22	2,493574E+22
-1244	2,529431E+22	2,472992E+22	2,400472E+22	2,400473E+22	2,473034E+22	2,529496E+22	2,493612E+22	2,375012E+22	2,266597E+22	2,266619E+22	2,375076E+22	2,493699E+22
-1243	2,529549E+22	2,473019E+22	2,400423E+22	2,400414E+22	2,472987E+22	2,529477E+22	2,493616E+22	2,375018E+22	2,266592E+22	2,266599E+22	2,375012E+22	2,493580E+22
-1242	2,529423E+22	2,472926E+22	2,400369E+22	2,400392E+22	2,472981E+22	2,529483E+22	2,493638E+22	2,375047E+22	2,266609E+22	2,266594E+22	2,375013E+22	2,493622E+22
-1241	2,529528E+22	2,473078E+22	2,400498E+22	2,400470E+22	2,473022E+22	2,529479E+22	2,493597E+22	2,374995E+22	2,266571E+22	2,266585E+22	2,375032E+22	2,493637E+22
-1240	2,529495E+22	2,473008E+22	2,400429E+22	2,400402E+22	2,472964E+22	2,529455E+22	2,493601E+22	2,375007E+22	2,266568E+22	2,266551E+22	2,374960E+22	2,493542E+22
-1239	2,529391E+22	2,472917E+22	2,400405E+22	2,400436E+22	2,473007E+22	2,529479E+22	2,493601E+22	2,374996E+22	2,266567E+22	2,266571E+22	2,375008E+22	2,493632E+22
-1238	2,529533E+22	2,473034E+22	2,400436E+22	2,400440E+22	2,473022E+22	2,529494E+22	2,493603E+22	2,374969E+22	2,266518E+22	2,266535E+22	2,374987E+22	2,493579E+22
-1237	2,529421E+22	2,472913E+22	2,400316E+22	2,400327E+22	2,472957E+22	2,529492E+22	2,493636E+22	2,375003E+22	2,266523E+22	2,266498E+22	2,374939E+22	2,493551E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1236	2,529412E+22	2,472941E+22	2,400394E+22	2,400385E+22	2,472967E+22	2,529472E+22	2,493609E+22	2,374985E+22	2,266522E+22	2,266514E+22	2,374982E+22	2,493649E+22
-1235	2,529541E+22	2,473007E+22	2,400390E+22	2,400366E+22	2,472938E+22	2,529440E+22	2,493585E+22	2,374970E+22	2,266520E+22	2,266523E+22	2,374947E+22	2,493527E+22
-1234	2,529386E+22	2,472881E+22	2,400300E+22	2,400325E+22	2,472934E+22	2,529448E+22	2,493596E+22	2,374986E+22	2,266534E+22	2,266528E+22	2,374965E+22	2,493568E+22
-1233	2,529453E+22	2,472998E+22	2,400423E+22	2,400413E+22	2,472999E+22	2,529468E+22	2,493564E+22	2,374933E+22	2,266495E+22	2,266526E+22	2,375014E+22	2,493648E+22
-1232	2,529494E+22	2,472973E+22	2,400378E+22	2,400361E+22	2,472951E+22	2,529460E+22	2,493590E+22	2,374960E+22	2,266503E+22	2,266501E+22	2,374947E+22	2,493560E+22
-1231	2,529401E+22	2,472876E+22	2,400330E+22	2,400372E+22	2,472972E+22	2,529472E+22	2,493607E+22	2,374993E+22	2,266542E+22	2,266534E+22	2,374978E+22	2,493620E+22
-1230	2,529546E+22	2,473060E+22	2,400446E+22	2,400428E+22	2,473004E+22	2,529487E+22	2,493613E+22	2,374994E+22	2,266542E+22	2,266545E+22	2,374989E+22	2,493589E+22
-1229	2,529453E+22	2,472974E+22	2,400388E+22	2,400370E+22	2,472954E+22	2,529471E+22	2,493635E+22	2,375042E+22	2,266593E+22	2,266563E+22	2,374961E+22	2,493531E+22
-1228	2,529386E+22	2,472950E+22	2,400451E+22	2,400458E+22	2,473003E+22	2,529467E+22	2,493608E+22	2,375033E+22	2,266621E+22	2,266621E+22	2,375043E+22	2,493651E+22
-1227	2,529538E+22	2,473052E+22	2,400485E+22	2,400483E+22	2,473028E+22	2,529480E+22	2,493598E+22	2,375010E+22	2,266618E+22	2,266649E+22	2,375052E+22	2,493585E+22
-1226	2,529408E+22	2,472919E+22	2,400368E+22	2,400401E+22	2,472997E+22	2,529494E+22	2,493642E+22	2,375057E+22	2,266639E+22	2,266637E+22	2,375044E+22	2,493610E+22
-1225	2,529471E+22	2,473024E+22	2,400484E+22	2,400484E+22	2,473045E+22	2,529502E+22	2,493621E+22	2,375032E+22	2,266620E+22	2,266632E+22	2,375074E+22	2,493693E+22
-1224	2,529565E+22	2,473069E+22	2,400486E+22	2,400454E+22	2,472993E+22	2,529470E+22	2,493623E+22	2,375048E+22	2,266630E+22	2,266616E+22	2,375008E+22	2,493576E+22
-1223	2,529428E+22	2,472943E+22	2,400409E+22	2,400435E+22	2,472993E+22	2,529465E+22	2,493621E+22	2,375060E+22	2,266650E+22	2,266635E+22	2,375027E+22	2,493609E+22
-1222	2,529520E+22	2,473094E+22	2,400535E+22	2,400513E+22	2,473046E+22	2,529490E+22	2,493611E+22	2,375020E+22	2,266606E+22	2,266621E+22	2,375050E+22	2,493624E+22
-1221	2,529463E+22	2,472993E+22	2,400446E+22	2,400439E+22	2,472999E+22	2,529487E+22	2,493630E+22	2,375034E+22	2,266602E+22	2,266590E+22	2,374990E+22	2,493548E+22
-1220	2,529379E+22	2,472909E+22	2,400410E+22	2,400449E+22	2,473015E+22	2,529488E+22	2,493618E+22	2,375020E+22	2,266592E+22	2,266592E+22	2,375025E+22	2,493644E+22
-1219	2,529548E+22	2,473054E+22	2,400450E+22	2,400451E+22	2,473025E+22	2,529495E+22	2,493608E+22	2,374990E+22	2,266563E+22	2,266583E+22	2,375012E+22	2,493582E+22
-1218	2,529424E+22	2,472925E+22	2,400327E+22	2,400324E+22	2,472937E+22	2,529476E+22	2,493642E+22	2,375038E+22	2,266579E+22	2,266551E+22	2,374966E+22	2,493556E+22
-1217	2,529422E+22	2,472966E+22	2,400420E+22	2,400413E+22	2,472973E+22	2,529453E+22	2,493594E+22	2,374999E+22	2,266563E+22	2,266559E+22	2,375005E+22	2,493641E+22
-1216	2,529531E+22	2,473029E+22	2,400442E+22	2,400421E+22	2,472962E+22	2,529431E+22	2,493568E+22	2,374975E+22	2,266550E+22	2,266555E+22	2,374980E+22	2,493555E+22
-1215	2,529390E+22	2,472874E+22	2,400310E+22	2,400354E+22	2,472957E+22	2,529448E+22	2,493582E+22	2,374980E+22	2,266550E+22	2,266559E+22	2,374996E+22	2,493592E+22
-1214	2,529477E+22	2,473022E+22	2,400446E+22	2,400434E+22	2,473007E+22	2,529484E+22	2,493596E+22	2,374962E+22	2,266516E+22	2,266541E+22	2,375018E+22	2,493644E+22
-1213	2,529497E+22	2,472994E+22	2,400410E+22	2,400390E+22	2,472963E+22	2,529474E+22	2,493621E+22	2,375006E+22	2,266551E+22	2,266532E+22	2,374950E+22	2,493542E+22
-1212	2,529396E+22	2,472910E+22	2,400379E+22	2,400403E+22	2,472971E+22	2,529458E+22	2,493611E+22	2,375028E+22	2,266597E+22	2,266577E+22	2,374986E+22	2,493598E+22
-1211	2,529531E+22	2,473085E+22	2,400501E+22	2,400485E+22	2,473029E+22	2,529479E+22	2,493598E+22	2,375011E+22	2,266608E+22	2,266626E+22	2,375031E+22	2,493580E+22
-1210	2,529424E+22	2,472961E+22	2,400406E+22	2,400409E+22	2,472984E+22	2,529481E+22	2,493639E+22	2,375067E+22	2,266651E+22	2,266635E+22	2,375019E+22	2,493558E+22
-1209	2,529391E+22	2,472948E+22	2,400455E+22	2,400487E+22	2,473038E+22	2,529488E+22	2,493619E+22	2,375049E+22	2,266653E+22	2,266662E+22	2,375080E+22	2,493674E+22
-1208	2,529548E+22	2,473069E+22	2,400515E+22	2,400515E+22	2,473047E+22	2,529492E+22	2,493619E+22	2,375043E+22	2,266650E+22	2,266669E+22	2,375077E+22	2,493625E+22
-1207	2,529444E+22	2,472940E+22	2,400382E+22	2,400411E+22	2,472994E+22	2,529485E+22	2,493644E+22	2,375082E+22	2,266679E+22	2,266669E+22	2,375058E+22	2,493619E+22
-1206	2,529499E+22	2,473076E+22	2,400533E+22	2,400503E+22	2,473028E+22	2,529490E+22	2,493639E+22	2,375069E+22	2,266665E+22	2,266667E+22	2,375077E+22	2,493668E+22
-1205	2,529545E+22	2,473089E+22	2,400541E+22	2,400510E+22	2,473014E+22	2,529466E+22	2,493626E+22	2,375077E+22	2,266682E+22	2,266667E+22	2,375031E+22	2,493560E+22
-1204	2,529404E+22	2,472951E+22	2,400445E+22	2,400480E+22	2,473020E+22	2,529461E+22	2,493605E+22	2,375062E+22	2,266679E+22	2,266673E+22	2,375055E+22	2,493612E+22
-1203	2,529506E+22	2,473091E+22	2,400550E+22	2,400546E+22	2,473080E+22	2,529508E+22	2,493608E+22	2,375019E+22	2,266634E+22	2,266666E+22	2,375083E+22	2,493638E+22
-1202	2,529459E+22	2,472981E+22	2,400436E+22	2,400439E+22	2,473006E+22	2,529502E+22	2,493657E+22	2,375068E+22	2,266637E+22	2,266619E+22	2,375013E+22	2,493570E+22
-1201	2,529406E+22	2,472928E+22	2,400408E+22	2,400445E+22	2,473009E+22	2,529480E+22	2,493629E+22	2,375050E+22	2,266625E+22	2,266610E+22	2,375023E+22	2,493633E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1200	2,529547E+22	2,473086E+22	2,400497E+22	2,400479E+22	2,473018E+22	2,529474E+22	2,493606E+22	2,375020E+22	2,266606E+22	2,266609E+22	2,375024E+22	2,493590E+22
-1199	2,529424E+22	2,472937E+22	2,400358E+22	2,400358E+22	2,472941E+22	2,529446E+22	2,493611E+22	2,375040E+22	2,266618E+22	2,266601E+22	2,374996E+22	2,493559E+22
-1198	2,529421E+22	2,472988E+22	2,400457E+22	2,400446E+22	2,472985E+22	2,529452E+22	2,493595E+22	2,375007E+22	2,266587E+22	2,266595E+22	2,375031E+22	2,493642E+22
-1197	2,529514E+22	2,473029E+22	2,400470E+22	2,400466E+22	2,473000E+22	2,529457E+22	2,493587E+22	2,374994E+22	2,266578E+22	2,266587E+22	2,375005E+22	2,493566E+22
-1196	2,529396E+22	2,472891E+22	2,400332E+22	2,400382E+22	2,472974E+22	2,529456E+22	2,493593E+22	2,375002E+22	2,266577E+22	2,266576E+22	2,375002E+22	2,493595E+22
-1195	2,529488E+22	2,473052E+22	2,400479E+22	2,400464E+22	2,473027E+22	2,529493E+22	2,493605E+22	2,374993E+22	2,266571E+22	2,266588E+22	2,375029E+22	2,493632E+22
-1194	2,529488E+22	2,473008E+22	2,400439E+22	2,400414E+22	2,472968E+22	2,529474E+22	2,493642E+22	2,375056E+22	2,266621E+22	2,266595E+22	2,374980E+22	2,493539E+22
-1193	2,529388E+22	2,472921E+22	2,400405E+22	2,400445E+22	2,472994E+22	2,529452E+22	2,493610E+22	2,375058E+22	2,266655E+22	2,266639E+22	2,375023E+22	2,493596E+22
-1192	2,529506E+22	2,473088E+22	2,400539E+22	2,400539E+22	2,473065E+22	2,529486E+22	2,493597E+22	2,375030E+22	2,266653E+22	2,266676E+22	2,375084E+22	2,493625E+22
-1191	2,529434E+22	2,472953E+22	2,400407E+22	2,400425E+22	2,472998E+22	2,529481E+22	2,493634E+22	2,375076E+22	2,266685E+22	2,266683E+22	2,375064E+22	2,493597E+22
-1190	2,529429E+22	2,472984E+22	2,400477E+22	2,400491E+22	2,473027E+22	2,529490E+22	2,493646E+22	2,375082E+22	2,266684E+22	2,266686E+22	2,375093E+22	2,493683E+22
-1189	2,529566E+22	2,473108E+22	2,400558E+22	2,400543E+22	2,473050E+22	2,529488E+22	2,493634E+22	2,375083E+22	2,266699E+22	2,266700E+22	2,375079E+22	2,493613E+22
-1188	2,529450E+22	2,472988E+22	2,400442E+22	2,400451E+22	2,472995E+22	2,529462E+22	2,493631E+22	2,375101E+22	2,266721E+22	2,266703E+22	2,375061E+22	2,493600E+22
-1187	2,529489E+22	2,473105E+22	2,400595E+22	2,400569E+22	2,473065E+22	2,529486E+22	2,493617E+22	2,375074E+22	2,266713E+22	2,266725E+22	2,375103E+22	2,493655E+22
-1186	2,529514E+22	2,473076E+22	2,400558E+22	2,400548E+22	2,473052E+22	2,529489E+22	2,493638E+22	2,375096E+22	2,266721E+22	2,266715E+22	2,375067E+22	2,493572E+22
-1185	2,529396E+22	2,472940E+22	2,400443E+22	2,400505E+22	2,473055E+22	2,529487E+22	2,493626E+22	2,375083E+22	2,266705E+22	2,266699E+22	2,375073E+22	2,493619E+22
-1184	2,529500E+22	2,473094E+22	2,400565E+22	2,400567E+22	2,473096E+22	2,529521E+22	2,493631E+22	2,375056E+22	2,266667E+22	2,266680E+22	2,375096E+22	2,493662E+22
-1183	2,529475E+22	2,472986E+22	2,400431E+22	2,400428E+22	2,472990E+22	2,529485E+22	2,493656E+22	2,375097E+22	2,266686E+22	2,266659E+22	2,375028E+22	2,493575E+22
-1182	2,529422E+22	2,472966E+22	2,400443E+22	2,400448E+22	2,472980E+22	2,529456E+22	2,493636E+22	2,375081E+22	2,266671E+22	2,266652E+22	2,375039E+22	2,493621E+22
-1181	2,529527E+22	2,473096E+22	2,400539E+22	2,400523E+22	2,473029E+22	2,529455E+22	2,493591E+22	2,375036E+22	2,266651E+22	2,266662E+22	2,375057E+22	2,493591E+22
-1180	2,529413E+22	2,472949E+22	2,400389E+22	2,400395E+22	2,472964E+22	2,529436E+22	2,493583E+22	2,375024E+22	2,266632E+22	2,266633E+22	2,375027E+22	2,493579E+22
-1179	2,529428E+22	2,473001E+22	2,400484E+22	2,400484E+22	2,473020E+22	2,529466E+22	2,493582E+22	2,374996E+22	2,266604E+22	2,266626E+22	2,375052E+22	2,493656E+22
-1178	2,529521E+22	2,473035E+22	2,400478E+22	2,400480E+22	2,473018E+22	2,529477E+22	2,493614E+22	2,375027E+22	2,266609E+22	2,266608E+22	2,375013E+22	2,493575E+22
-1177	2,529416E+22	2,472919E+22	2,400356E+22	2,400405E+22	2,472989E+22	2,529460E+22	2,493611E+22	2,375042E+22	2,266623E+22	2,266601E+22	2,374995E+22	2,493572E+22
-1176	2,529472E+22	2,473077E+22	2,400535E+22	2,400514E+22	2,473045E+22	2,529491E+22	2,493617E+22	2,375038E+22	2,266630E+22	2,266629E+22	2,375045E+22	2,493632E+22
-1175	2,529473E+22	2,473007E+22	2,400464E+22	2,400450E+22	2,472988E+22	2,529465E+22	2,493633E+22	2,375083E+22	2,266685E+22	2,266666E+22	2,375026E+22	2,493550E+22
-1174	2,529386E+22	2,472936E+22	2,400434E+22	2,400466E+22	2,473004E+22	2,529463E+22	2,493630E+22	2,375085E+22	2,266700E+22	2,266694E+22	2,375066E+22	2,493613E+22
-1173	2,529497E+22	2,473086E+22	2,400563E+22	2,400571E+22	2,473088E+22	2,529503E+22	2,493620E+22	2,375065E+22	2,266700E+22	2,266725E+22	2,375120E+22	2,493649E+22
-1172	2,529459E+22	2,472986E+22	2,400435E+22	2,400443E+22	2,473002E+22	2,529473E+22	2,493633E+22	2,375096E+22	2,266722E+22	2,266716E+22	2,375081E+22	2,493612E+22
-1171	2,529458E+22	2,473032E+22	2,400526E+22	2,400521E+22	2,473036E+22	2,529478E+22	2,493631E+22	2,375101E+22	2,266740E+22	2,266736E+22	2,375104E+22	2,493673E+22
-1170	2,529564E+22	2,473134E+22	2,400605E+22	2,400582E+22	2,473061E+22	2,529482E+22	2,493640E+22	2,375118E+22	2,266758E+22	2,266755E+22	2,375103E+22	2,493607E+22
-1169	2,529442E+22	2,473001E+22	2,400484E+22	2,400509E+22	2,473031E+22	2,529455E+22	2,493619E+22	2,375114E+22	2,266760E+22	2,266746E+22	2,375082E+22	2,493589E+22
-1168	2,529456E+22	2,473096E+22	2,400628E+22	2,400624E+22	2,473112E+22	2,529509E+22	2,493623E+22	2,375087E+22	2,266738E+22	2,266753E+22	2,375134E+22	2,493682E+22
-1167	2,529512E+22	2,473057E+22	2,400549E+22	2,400557E+22	2,473070E+22	2,529505E+22	2,493648E+22	2,375110E+22	2,266748E+22	2,266749E+22	2,375096E+22	2,493596E+22
-1166	2,529418E+22	2,472961E+22	2,400449E+22	2,400487E+22	2,473035E+22	2,529494E+22	2,493660E+22	2,375119E+22	2,266735E+22	2,266719E+22	2,375077E+22	2,493617E+22
-1165	2,529501E+22	2,473109E+22	2,400590E+22	2,400576E+22	2,473089E+22	2,529513E+22	2,493643E+22	2,375095E+22	2,266718E+22	2,266718E+22	2,375101E+22	2,493650E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1164	2,529481E+22	2,473021E+22	2,400473E+22	2,400450E+22	2,472978E+22	2,529449E+22	2,493627E+22	2,375103E+22	2,266725E+22	2,266701E+22	2,375044E+22	2,493569E+22
-1163	2,529419E+22	2,472988E+22	2,400491E+22	2,400497E+22	2,473005E+22	2,529439E+22	2,493596E+22	2,375072E+22	2,266710E+22	2,266705E+22	2,375069E+22	2,493623E+22
-1162	2,529512E+22	2,473089E+22	2,400559E+22	2,400556E+22	2,473062E+22	2,529473E+22	2,493596E+22	2,375044E+22	2,266675E+22	2,266698E+22	2,375091E+22	2,493613E+22
-1161	2,529422E+22	2,472949E+22	2,400404E+22	2,400430E+22	2,472998E+22	2,529457E+22	2,493599E+22	2,375039E+22	2,266646E+22	2,266644E+22	2,375033E+22	2,493583E+22
-1160	2,529431E+22	2,473015E+22	2,400514E+22	2,400517E+22	2,473050E+22	2,529492E+22	2,493613E+22	2,375034E+22	2,266633E+22	2,266635E+22	2,375054E+22	2,493666E+22
-1159	2,529533E+22	2,473051E+22	2,400493E+22	2,400485E+22	2,473019E+22	2,529478E+22	2,493628E+22	2,375068E+22	2,266669E+22	2,266656E+22	2,375025E+22	2,493565E+22
-1158	2,529419E+22	2,472954E+22	2,400401E+22	2,400418E+22	2,472976E+22	2,529454E+22	2,493634E+22	2,375090E+22	2,266690E+22	2,266662E+22	2,375020E+22	2,493557E+22
-1157	2,529441E+22	2,473070E+22	2,400573E+22	2,400562E+22	2,473071E+22	2,529488E+22	2,493616E+22	2,375072E+22	2,266701E+22	2,266704E+22	2,375090E+22	2,493638E+22
-1156	2,529465E+22	2,473011E+22	2,400483E+22	2,400478E+22	2,473006E+22	2,529459E+22	2,493615E+22	2,375085E+22	2,266724E+22	2,266724E+22	2,375076E+22	2,493585E+22
-1155	2,529406E+22	2,472954E+22	2,400463E+22	2,400495E+22	2,473023E+22	2,529462E+22	2,493616E+22	2,375091E+22	2,266738E+22	2,266741E+22	2,375101E+22	2,493642E+22
-1154	2,529523E+22	2,473107E+22	2,400584E+22	2,400581E+22	2,473088E+22	2,529503E+22	2,493634E+22	2,375097E+22	2,266740E+22	2,266758E+22	2,375137E+22	2,493663E+22
-1153	2,529486E+22	2,473026E+22	2,400485E+22	2,400483E+22	2,473012E+22	2,529461E+22	2,493630E+22	2,375119E+22	2,266761E+22	2,266743E+22	2,375077E+22	2,493592E+22
-1152	2,529451E+22	2,473067E+22	2,400599E+22	2,400591E+22	2,473069E+22	2,529478E+22	2,493627E+22	2,375121E+22	2,266777E+22	2,266769E+22	2,375117E+22	2,493666E+22
-1151	2,529547E+22	2,473132E+22	2,400632E+22	2,400625E+22	2,473097E+22	2,529489E+22	2,493632E+22	2,375130E+22	2,266803E+22	2,266809E+22	2,375135E+22	2,493609E+22
-1150	2,529432E+22	2,473007E+22	2,400509E+22	2,400530E+22	2,473055E+22	2,529490E+22	2,493653E+22	2,375140E+22	2,266794E+22	2,266784E+22	2,375109E+22	2,493596E+22
-1149	2,529438E+22	2,473073E+22	2,400636E+22	2,400649E+22	2,473138E+22	2,529535E+22	2,493658E+22	2,375130E+22	2,266783E+22	2,266790E+22	2,375151E+22	2,493688E+22
-1148	2,529526E+22	2,473071E+22	2,400554E+22	2,400553E+22	2,473062E+22	2,529498E+22	2,493654E+22	2,375137E+22	2,266787E+22	2,266782E+22	2,375111E+22	2,493604E+22
-1147	2,529439E+22	2,472996E+22	2,400483E+22	2,400495E+22	2,473021E+22	2,529470E+22	2,493643E+22	2,375139E+22	2,266791E+22	2,266769E+22	2,375093E+22	2,493610E+22
-1146	2,529498E+22	2,473123E+22	2,400621E+22	2,400593E+22	2,473080E+22	2,529491E+22	2,493636E+22	2,375118E+22	2,266768E+22	2,266772E+22	2,375132E+22	2,493655E+22
-1145	2,529479E+22	2,473027E+22	2,400510E+22	2,400500E+22	2,473003E+22	2,529433E+22	2,493598E+22	2,375096E+22	2,266747E+22	2,266737E+22	2,375070E+22	2,493574E+22
-1144	2,529410E+22	2,472990E+22	2,400525E+22	2,400547E+22	2,473048E+22	2,529458E+22	2,493591E+22	2,375063E+22	2,266711E+22	2,266718E+22	2,375094E+22	2,493652E+22
-1143	2,529525E+22	2,473086E+22	2,400560E+22	2,400566E+22	2,473080E+22	2,529490E+22	2,493608E+22	2,375057E+22	2,266694E+22	2,266717E+22	2,375103E+22	2,493627E+22
-1142	2,529450E+22	2,472985E+22	2,400432E+22	2,400427E+22	2,472991E+22	2,529475E+22	2,493638E+22	2,375080E+22	2,266680E+22	2,266660E+22	2,375025E+22	2,493565E+22
-1141	2,529420E+22	2,473026E+22	2,400554E+22	2,400549E+22	2,473059E+22	2,529497E+22	2,493638E+22	2,375088E+22	2,266701E+22	2,266682E+22	2,375053E+22	2,493634E+22
-1140	2,529523E+22	2,473076E+22	2,400538E+22	2,400521E+22	2,473024E+22	2,529459E+22	2,493615E+22	2,375090E+22	2,266728E+22	2,266721E+22	2,375056E+22	2,493559E+22
-1139	2,529406E+22	2,472964E+22	2,400443E+22	2,400462E+22	2,473000E+22	2,529444E+22	2,493607E+22	2,375100E+22	2,266751E+22	2,266737E+22	2,375068E+22	2,493568E+22
-1138	2,529429E+22	2,473056E+22	2,400584E+22	2,400586E+22	2,473095E+22	2,529505E+22	2,493629E+22	2,375096E+22	2,266747E+22	2,266764E+22	2,375144E+22	2,493675E+22
-1137	2,529486E+22	2,473016E+22	2,400505E+22	2,400512E+22	2,473026E+22	2,529460E+22	2,493617E+22	2,375101E+22	2,266752E+22	2,266755E+22	2,375099E+22	2,493604E+22
-1136	2,529427E+22	2,472982E+22	2,400502E+22	2,400531E+22	2,473044E+22	2,529472E+22	2,493626E+22	2,375115E+22	2,266765E+22	2,266762E+22	2,375116E+22	2,493658E+22
-1135	2,529544E+22	2,473137E+22	2,400619E+22	2,400602E+22	2,473090E+22	2,529496E+22	2,493637E+22	2,375126E+22	2,266793E+22	2,266806E+22	2,375155E+22	2,493656E+22
-1134	2,529493E+22	2,473068E+22	2,400548E+22	2,400517E+22	2,473015E+22	2,529462E+22	2,493645E+22	2,375150E+22	2,266810E+22	2,266791E+22	2,375095E+22	2,493573E+22
-1133	2,529418E+22	2,473058E+22	2,400640E+22	2,400652E+22	2,473115E+22	2,529496E+22	2,493636E+22	2,375149E+22	2,266831E+22	2,266826E+22	2,375144E+22	2,493658E+22
-1132	2,529538E+22	2,473134E+22	2,400646E+22	2,400650E+22	2,473123E+22	2,529503E+22	2,493631E+22	2,375136E+22	2,266831E+22	2,266851E+22	2,375169E+22	2,493630E+22
-1131	2,529445E+22	2,473016E+22	2,400525E+22	2,400544E+22	2,473063E+22	2,529494E+22	2,493656E+22	2,375164E+22	2,266836E+22	2,266821E+22	2,375130E+22	2,493608E+22
-1130	2,529451E+22	2,473079E+22	2,400638E+22	2,400643E+22	2,473126E+22	2,529534E+22	2,493680E+22	2,375173E+22	2,266833E+22	2,266826E+22	2,375167E+22	2,493693E+22
-1129	2,529541E+22	2,473094E+22	2,400591E+22	2,400579E+22	2,473052E+22	2,529469E+22	2,493642E+22	2,375158E+22	2,266828E+22	2,266816E+22	2,375118E+22	2,493591E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1128	2,529434E+22	2,473020E+22	2,400539E+22	2,400550E+22	2,473041E+22	2,529457E+22	2,493625E+22	2,375142E+22	2,266814E+22	2,266803E+22	2,375122E+22	2,493616E+22
-1127	2,529491E+22	2,473125E+22	2,400641E+22	2,400623E+22	2,473100E+22	2,529490E+22	2,493619E+22	2,375114E+22	2,266794E+22	2,266816E+22	2,375169E+22	2,493667E+22
-1126	2,529483E+22	2,473044E+22	2,400540E+22	2,400519E+22	2,473021E+22	2,529464E+22	2,493623E+22	2,375106E+22	2,266760E+22	2,266756E+22	2,375087E+22	2,493580E+22
-1125	2,529404E+22	2,472984E+22	2,400544E+22	2,400582E+22	2,473081E+22	2,529489E+22	2,493624E+22	2,375101E+22	2,266746E+22	2,266740E+22	2,375092E+22	2,493641E+22
-1124	2,529540E+22	2,473109E+22	2,400572E+22	2,400573E+22	2,473083E+22	2,529494E+22	2,493620E+22	2,375086E+22	2,266735E+22	2,266747E+22	2,375107E+22	2,493619E+22
-1123	2,529458E+22	2,473017E+22	2,400477E+22	2,400453E+22	2,472988E+22	2,529460E+22	2,493635E+22	2,375118E+22	2,266751E+22	2,266718E+22	2,375044E+22	2,493550E+22
-1122	2,529402E+22	2,473021E+22	2,400577E+22	2,400575E+22	2,473061E+22	2,529484E+22	2,493641E+22	2,375126E+22	2,266768E+22	2,266755E+22	2,375099E+22	2,493636E+22
-1121	2,529504E+22	2,473062E+22	2,400564E+22	2,400568E+22	2,473047E+22	2,529449E+22	2,493595E+22	2,375093E+22	2,266766E+22	2,266777E+22	2,375104E+22	2,493579E+22
-1120	2,529405E+22	2,472965E+22	2,400470E+22	2,400504E+22	2,473034E+22	2,529460E+22	2,493605E+22	2,375095E+22	2,266761E+22	2,266770E+22	2,375115E+22	2,493611E+22
-1119	2,529457E+22	2,473067E+22	2,400586E+22	2,400586E+22	2,473093E+22	2,529506E+22	2,493635E+22	2,375111E+22	2,266774E+22	2,266796E+22	2,375169E+22	2,493699E+22
-1118	2,529529E+22	2,473070E+22	2,400548E+22	2,400519E+22	2,473018E+22	2,529468E+22	2,493640E+22	2,375132E+22	2,266787E+22	2,266776E+22	2,375098E+22	2,493593E+22
-1117	2,529431E+22	2,473015E+22	2,400564E+22	2,400584E+22	2,473064E+22	2,529472E+22	2,493638E+22	2,375156E+22	2,266824E+22	2,266803E+22	2,375110E+22	2,493625E+22
-1116	2,529539E+22	2,473169E+22	2,400672E+22	2,400653E+22	2,473112E+22	2,529488E+22	2,493625E+22	2,375142E+22	2,266840E+22	2,266858E+22	2,375178E+22	2,493646E+22
-1115	2,529478E+22	2,473081E+22	2,400598E+22	2,400575E+22	2,473053E+22	2,529470E+22	2,493639E+22	2,375171E+22	2,266866E+22	2,266849E+22	2,375130E+22	2,493574E+22
-1114	2,529397E+22	2,473036E+22	2,400644E+22	2,400676E+22	2,473142E+22	2,529526E+22	2,493670E+22	2,375189E+22	2,266880E+22	2,266878E+22	2,375184E+22	2,493675E+22
-1113	2,529538E+22	2,473127E+22	2,400658E+22	2,400676E+22	2,473136E+22	2,529509E+22	2,493647E+22	2,375166E+22	2,266869E+22	2,266884E+22	2,375189E+22	2,493640E+22
-1112	2,529460E+22	2,473038E+22	2,400550E+22	2,400563E+22	2,473069E+22	2,529496E+22	2,493666E+22	2,375191E+22	2,266870E+22	2,266854E+22	2,375153E+22	2,493619E+22
-1111	2,529465E+22	2,473103E+22	2,400658E+22	2,400644E+22	2,473104E+22	2,529509E+22	2,493674E+22	2,375200E+22	2,266887E+22	2,266881E+22	2,375196E+22	2,493695E+22
-1110	2,529549E+22	2,473130E+22	2,400638E+22	2,400606E+22	2,473049E+22	2,529455E+22	2,493634E+22	2,375170E+22	2,266865E+22	2,266860E+22	2,375146E+22	2,493588E+22
-1109	2,529413E+22	2,473013E+22	2,400572E+22	2,400606E+22	2,473082E+22	2,529467E+22	2,493618E+22	2,375148E+22	2,266843E+22	2,266841E+22	2,375144E+22	2,493620E+22
-1108	2,529499E+22	2,473134E+22	2,400655E+22	2,400647E+22	2,473122E+22	2,529502E+22	2,493615E+22	2,375105E+22	2,266799E+22	2,266836E+22	2,375193E+22	2,493687E+22
-1107	2,529502E+22	2,473066E+22	2,400564E+22	2,400540E+22	2,473029E+22	2,529466E+22	2,493630E+22	2,375127E+22	2,266788E+22	2,266771E+22	2,375087E+22	2,493575E+22
-1106	2,529409E+22	2,472993E+22	2,400553E+22	2,400588E+22	2,473081E+22	2,529498E+22	2,493654E+22	2,375148E+22	2,266796E+22	2,266773E+22	2,375096E+22	2,493623E+22
-1105	2,529530E+22	2,473124E+22	2,400615E+22	2,400613E+22	2,473084E+22	2,529475E+22	2,493615E+22	2,375112E+22	2,266782E+22	2,266786E+22	2,375115E+22	2,493597E+22
-1104	2,529438E+22	2,473025E+22	2,400517E+22	2,400506E+22	2,473015E+22	2,529457E+22	2,493627E+22	2,375130E+22	2,266785E+22	2,266769E+22	2,375087E+22	2,493559E+22
-1103	2,529389E+22	2,473011E+22	2,400581E+22	2,400593E+22	2,473075E+22	2,529487E+22	2,493639E+22	2,375140E+22	2,266811E+22	2,266815E+22	2,375153E+22	2,493666E+22
-1102	2,529516E+22	2,473077E+22	2,400583E+22	2,400578E+22	2,473056E+22	2,529470E+22	2,493618E+22	2,375113E+22	2,266793E+22	2,266810E+22	2,375138E+22	2,493602E+22
-1101	2,529416E+22	2,472975E+22	2,400495E+22	2,400538E+22	2,473057E+22	2,529476E+22	2,493629E+22	2,375132E+22	2,266802E+22	2,266799E+22	2,375120E+22	2,493613E+22
-1100	2,529492E+22	2,473116E+22	2,400619E+22	2,400601E+22	2,473089E+22	2,529496E+22	2,493634E+22	2,375133E+22	2,266816E+22	2,266833E+22	2,375180E+22	2,493695E+22
-1099	2,529543E+22	2,473122E+22	2,400617E+22	2,400568E+22	2,473021E+22	2,529445E+22	2,493631E+22	2,375167E+22	2,266853E+22	2,266828E+22	2,375112E+22	2,493572E+22
-1098	2,529411E+22	2,473022E+22	2,400605E+22	2,400637E+22	2,473091E+22	2,529474E+22	2,493646E+22	2,375194E+22	2,266891E+22	2,266870E+22	2,375149E+22	2,493618E+22
-1097	2,529509E+22	2,473157E+22	2,400708E+22	2,400715E+22	2,473152E+22	2,529496E+22	2,493621E+22	2,375154E+22	2,266880E+22	2,266907E+22	2,375214E+22	2,493657E+22
-1096	2,529471E+22	2,473077E+22	2,400618E+22	2,400617E+22	2,473092E+22	2,529499E+22	2,493658E+22	2,375186E+22	2,266885E+22	2,266885E+22	2,375174E+22	2,493606E+22
-1095	2,529414E+22	2,473038E+22	2,400634E+22	2,400667E+22	2,473134E+22	2,529529E+22	2,493691E+22	2,375225E+22	2,266924E+22	2,266918E+22	2,375213E+22	2,493693E+22
-1094	2,529563E+22	2,473167E+22	2,400686E+22	2,400673E+22	2,473120E+22	2,529509E+22	2,493665E+22	2,375202E+22	2,266914E+22	2,266917E+22	2,375200E+22	2,493635E+22
-1093	2,529459E+22	2,473064E+22	2,400600E+22	2,400607E+22	2,473079E+22	2,529482E+22	2,493663E+22	2,375219E+22	2,266924E+22	2,266900E+22	2,375160E+22	2,493603E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1092	2,529469E+22	2,473131E+22	2,400694E+22	2,400679E+22	2,473113E+22	2,529486E+22	2,493643E+22	2,375193E+22	2,266917E+22	2,266927E+22	2,375229E+22	2,493702E+22
-1091	2,529547E+22	2,473148E+22	2,400680E+22	2,400656E+22	2,473079E+22	2,529453E+22	2,493619E+22	2,375173E+22	2,266893E+22	2,266893E+22	2,375172E+22	2,493599E+22
-1090	2,529407E+22	2,473004E+22	2,400578E+22	2,400631E+22	2,473108E+22	2,529492E+22	2,493645E+22	2,375173E+22	2,266867E+22	2,266863E+22	2,375161E+22	2,493628E+22
-1089	2,529494E+22	2,473131E+22	2,400670E+22	2,400675E+22	2,473137E+22	2,529510E+22	2,493631E+22	2,375129E+22	2,266820E+22	2,266844E+22	2,375188E+22	2,493681E+22
-1088	2,529508E+22	2,473088E+22	2,400593E+22	2,400567E+22	2,473044E+22	2,529478E+22	2,493649E+22	2,375154E+22	2,266817E+22	2,266798E+22	2,375100E+22	2,493569E+22
-1087	2,529404E+22	2,473004E+22	2,400564E+22	2,400590E+22	2,473063E+22	2,529480E+22	2,493660E+22	2,375186E+22	2,266858E+22	2,266833E+22	2,375127E+22	2,493618E+22
-1086	2,529515E+22	2,473138E+22	2,400645E+22	2,400635E+22	2,473091E+22	2,529473E+22	2,493613E+22	2,375133E+22	2,266830E+22	2,266842E+22	2,375154E+22	2,493603E+22
-1085	2,529419E+22	2,473015E+22	2,400538E+22	2,400550E+22	2,473049E+22	2,529465E+22	2,493624E+22	2,375143E+22	2,266827E+22	2,266818E+22	2,375119E+22	2,493579E+22
-1084	2,529410E+22	2,473029E+22	2,400588E+22	2,400602E+22	2,473076E+22	2,529480E+22	2,493631E+22	2,375141E+22	2,266830E+22	2,266847E+22	2,375187E+22	2,493698E+22
-1083	2,529551E+22	2,473120E+22	2,400622E+22	2,400602E+22	2,473053E+22	2,529453E+22	2,493617E+22	2,375143E+22	2,266832E+22	2,266833E+22	2,375144E+22	2,493606E+22
-1082	2,529431E+22	2,473008E+22	2,400533E+22	2,400566E+22	2,473061E+22	2,529474E+22	2,493646E+22	2,375176E+22	2,266857E+22	2,266837E+22	2,375126E+22	2,493596E+22
-1081	2,529480E+22	2,473144E+22	2,400689E+22	2,400670E+22	2,473109E+22	2,529482E+22	2,493625E+22	2,375154E+22	2,266863E+22	2,266875E+22	2,375191E+22	2,493675E+22
-1080	2,529523E+22	2,473138E+22	2,400675E+22	2,400646E+22	2,473076E+22	2,529463E+22	2,493631E+22	2,375177E+22	2,266887E+22	2,266883E+22	2,375155E+22	2,493574E+22
-1079	2,529390E+22	2,473013E+22	2,400613E+22	2,400665E+22	2,473122E+22	2,529499E+22	2,493666E+22	2,375224E+22	2,266943E+22	2,266934E+22	2,375200E+22	2,493640E+22
-1078	2,529506E+22	2,473161E+22	2,400720E+22	2,400731E+22	2,473175E+22	2,529530E+22	2,493656E+22	2,375191E+22	2,266922E+22	2,266946E+22	2,375245E+22	2,493676E+22
-1077	2,529476E+22	2,473078E+22	2,400629E+22	2,400642E+22	2,473113E+22	2,529514E+22	2,493688E+22	2,375237E+22	2,266945E+22	2,266926E+22	2,375184E+22	2,493614E+22
-1076	2,529447E+22	2,473078E+22	2,400654E+22	2,400666E+22	2,473114E+22	2,529506E+22	2,493687E+22	2,375252E+22	2,266975E+22	2,266967E+22	2,375240E+22	2,493703E+22
-1075	2,529578E+22	2,473212E+22	2,400743E+22	2,400705E+22	2,473104E+22	2,529464E+22	2,493644E+22	2,375228E+22	2,266969E+22	2,266966E+22	2,375224E+22	2,493632E+22
-1074	2,529444E+22	2,473070E+22	2,400632E+22	2,400649E+22	2,473099E+22	2,529473E+22	2,493651E+22	2,375231E+22	2,266965E+22	2,266950E+22	2,375196E+22	2,493610E+22
-1073	2,529451E+22	2,473129E+22	2,400730E+22	2,400731E+22	2,473146E+22	2,529486E+22	2,493622E+22	2,375177E+22	2,266921E+22	2,266945E+22	2,375248E+22	2,493716E+22
-1072	2,529552E+22	2,473154E+22	2,400699E+22	2,400692E+22	2,473115E+22	2,529479E+22	2,493630E+22	2,375169E+22	2,266886E+22	2,266899E+22	2,375187E+22	2,493612E+22
-1071	2,529420E+22	2,473015E+22	2,400573E+22	2,400624E+22	2,473104E+22	2,529500E+22	2,493670E+22	2,375211E+22	2,266903E+22	2,266883E+22	2,375165E+22	2,493625E+22
-1070	2,529498E+22	2,473161E+22	2,400697E+22	2,400679E+22	2,473133E+22	2,529515E+22	2,493651E+22	2,375170E+22	2,266866E+22	2,266868E+22	2,375181E+22	2,493655E+22
-1069	2,529485E+22	2,473096E+22	2,400632E+22	2,400611E+22	2,473063E+22	2,529473E+22	2,493656E+22	2,375194E+22	2,266879E+22	2,266847E+22	2,375107E+22	2,493551E+22
-1068	2,529396E+22	2,473016E+22	2,400583E+22	2,400611E+22	2,473070E+22	2,529463E+22	2,493640E+22	2,375191E+22	2,266900E+22	2,266892E+22	2,375174E+22	2,493636E+22
-1067	2,529510E+22	2,473147E+22	2,400673E+22	2,400666E+22	2,473104E+22	2,529462E+22	2,493606E+22	2,375151E+22	2,266870E+22	2,266886E+22	2,375192E+22	2,493628E+22
-1066	2,529422E+22	2,473012E+22	2,400546E+22	2,400571E+22	2,473068E+22	2,529478E+22	2,493642E+22	2,375172E+22	2,266865E+22	2,266857E+22	2,375150E+22	2,493600E+22
-1065	2,529422E+22	2,473049E+22	2,400624E+22	2,400635E+22	2,473087E+22	2,529473E+22	2,493628E+22	2,375158E+22	2,266861E+22	2,266868E+22	2,375192E+22	2,493703E+22
-1064	2,529570E+22	2,473163E+22	2,400675E+22	2,400648E+22	2,473076E+22	2,529458E+22	2,493624E+22	2,375161E+22	2,266866E+22	2,266871E+22	2,375164E+22	2,493601E+22
-1063	2,529429E+22	2,473033E+22	2,400572E+22	2,400599E+22	2,473067E+22	2,529464E+22	2,493652E+22	2,375215E+22	2,266922E+22	2,266902E+22	2,375161E+22	2,493591E+22
-1062	2,529458E+22	2,473152E+22	2,400728E+22	2,400717E+22	2,473148E+22	2,529501E+22	2,493632E+22	2,375180E+22	2,266914E+22	2,266930E+22	2,375225E+22	2,493677E+22
-1061	2,529501E+22	2,473127E+22	2,400698E+22	2,400698E+22	2,473130E+22	2,529497E+22	2,493653E+22	2,375206E+22	2,266937E+22	2,266934E+22	2,375184E+22	2,493595E+22
-1060	2,529411E+22	2,473024E+22	2,400610E+22	2,400660E+22	2,473122E+22	2,529503E+22	2,493676E+22	2,375245E+22	2,266979E+22	2,266976E+22	2,375237E+22	2,493671E+22
-1059	2,529533E+22	2,473193E+22	2,400749E+22	2,400741E+22	2,473162E+22	2,529509E+22	2,493665E+22	2,375238E+22	2,266977E+22	2,266980E+22	2,375256E+22	2,493684E+22
-1058	2,529490E+22	2,473108E+22	2,400663E+22	2,400659E+22	2,473103E+22	2,529495E+22	2,493690E+22	2,375276E+22	2,267005E+22	2,266974E+22	2,375200E+22	2,493606E+22
-1057	2,529436E+22	2,473102E+22	2,400715E+22	2,400718E+22	2,473118E+22	2,529470E+22	2,493655E+22	2,375255E+22	2,267011E+22	2,267007E+22	2,375257E+22	2,493697E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1056	2,529570E+22	2,473231E+22	2,400794E+22	2,400769E+22	2,473149E+22	2,529472E+22	2,493628E+22	2,375214E+22	2,266980E+22	2,267004E+22	2,375261E+22	2,493641E+22
-1055	2,529436E+22	2,473070E+22	2,400645E+22	2,400670E+22	2,473121E+22	2,529491E+22	2,493663E+22	2,375245E+22	2,266990E+22	2,266983E+22	2,375225E+22	2,493626E+22
-1054	2,529452E+22	2,473134E+22	2,400742E+22	2,400748E+22	2,473175E+22	2,529522E+22	2,493651E+22	2,375203E+22	2,266942E+22	2,266954E+22	2,375245E+22	2,493715E+22
-1053	2,529553E+22	2,473161E+22	2,400716E+22	2,400717E+22	2,473144E+22	2,529503E+22	2,493660E+22	2,375214E+22	2,266933E+22	2,266920E+22	2,375171E+22	2,493597E+22
-1052	2,529435E+22	2,473044E+22	2,400589E+22	2,400617E+22	2,473087E+22	2,529483E+22	2,493672E+22	2,375242E+22	2,266957E+22	2,266931E+22	2,375182E+22	2,493617E+22
-1051	2,529487E+22	2,473179E+22	2,400741E+22	2,400711E+22	2,473124E+22	2,529478E+22	2,493641E+22	2,375209E+22	2,266931E+22	2,266925E+22	2,375208E+22	2,493650E+22
-1050	2,529459E+22	2,473082E+22	2,400648E+22	2,400643E+22	2,473084E+22	2,529468E+22	2,493647E+22	2,375214E+22	2,266933E+22	2,266912E+22	2,375158E+22	2,493570E+22
-1049	2,529380E+22	2,473007E+22	2,400608E+22	2,400644E+22	2,473088E+22	2,529457E+22	2,493619E+22	2,375180E+22	2,266914E+22	2,266924E+22	2,375211E+22	2,493670E+22
-1048	2,529533E+22	2,473164E+22	2,400696E+22	2,400692E+22	2,473126E+22	2,529476E+22	2,493611E+22	2,375145E+22	2,266873E+22	2,266908E+22	2,375220E+22	2,493653E+22
-1047	2,529450E+22	2,473043E+22	2,400565E+22	2,400573E+22	2,473063E+22	2,529476E+22	2,493656E+22	2,375205E+22	2,266906E+22	2,266887E+22	2,375159E+22	2,493604E+22
-1046	2,529438E+22	2,473095E+22	2,400675E+22	2,400667E+22	2,473104E+22	2,529479E+22	2,493635E+22	2,375188E+22	2,266906E+22	2,266897E+22	2,375187E+22	2,493679E+22
-1045	2,529555E+22	2,473181E+22	2,400730E+22	2,400717E+22	2,473124E+22	2,529470E+22	2,493632E+22	2,375197E+22	2,266926E+22	2,266919E+22	2,375169E+22	2,493586E+22
-1044	2,529423E+22	2,473047E+22	2,400603E+22	2,400635E+22	2,473095E+22	2,529471E+22	2,493651E+22	2,375234E+22	2,266973E+22	2,266964E+22	2,375207E+22	2,493607E+22
-1043	2,529447E+22	2,473153E+22	2,400758E+22	2,400752E+22	2,473167E+22	2,529505E+22	2,493651E+22	2,375223E+22	2,266967E+22	2,266977E+22	2,375257E+22	2,493692E+22
-1042	2,529496E+22	2,473117E+22	2,400702E+22	2,400713E+22	2,473147E+22	2,529515E+22	2,493684E+22	2,375258E+22	2,266997E+22	2,266986E+22	2,375217E+22	2,493611E+22
-1041	2,529418E+22	2,473045E+22	2,400644E+22	2,400677E+22	2,473118E+22	2,529488E+22	2,493674E+22	2,375270E+22	2,267024E+22	2,267014E+22	2,375253E+22	2,493679E+22
-1040	2,529553E+22	2,473233E+22	2,400797E+22	2,400769E+22	2,473163E+22	2,529496E+22	2,493657E+22	2,375249E+22	2,267016E+22	2,267032E+22	2,375285E+22	2,493683E+22
-1039	2,529492E+22	2,473132E+22	2,400703E+22	2,400688E+22	2,473102E+22	2,529470E+22	2,493676E+22	2,375297E+22	2,267060E+22	2,267037E+22	2,375239E+22	2,493613E+22
-1038	2,529429E+22	2,473114E+22	2,400753E+22	2,400765E+22	2,473158E+22	2,529479E+22	2,493637E+22	2,375252E+22	2,267036E+22	2,267042E+22	2,375280E+22	2,493704E+22
-1037	2,529561E+22	2,473226E+22	2,400818E+22	2,400818E+22	2,473203E+22	2,529505E+22	2,493641E+22	2,375225E+22	2,267001E+22	2,267023E+22	2,375267E+22	2,493653E+22
-1036	2,529459E+22	2,473085E+22	2,400652E+22	2,400671E+22	2,473125E+22	2,529499E+22	2,493676E+22	2,375262E+22	2,267010E+22	2,267001E+22	2,375237E+22	2,493635E+22
-1035	2,529463E+22	2,473157E+22	2,400772E+22	2,400760E+22	2,473164E+22	2,529510E+22	2,493672E+22	2,375254E+22	2,266990E+22	2,266975E+22	2,375235E+22	2,493693E+22
-1034	2,529542E+22	2,473171E+22	2,400744E+22	2,400737E+22	2,473147E+22	2,529500E+22	2,493674E+22	2,375258E+22	2,266998E+22	2,266973E+22	2,375185E+22	2,493576E+22
-1033	2,529406E+22	2,473049E+22	2,400635E+22	2,400655E+22	2,473093E+22	2,529459E+22	2,493647E+22	2,375248E+22	2,266997E+22	2,266981E+22	2,375212E+22	2,493618E+22
-1032	2,529477E+22	2,473177E+22	2,400767E+22	2,400750E+22	2,473159E+22	2,529488E+22	2,493628E+22	2,375197E+22	2,266952E+22	2,266978E+22	2,375259E+22	2,493675E+22
-1031	2,529462E+22	2,473077E+22	2,400651E+22	2,400650E+22	2,473092E+22	2,529475E+22	2,493656E+22	2,375230E+22	2,266964E+22	2,266956E+22	2,375201E+22	2,493606E+22
-1030	2,529401E+22	2,473018E+22	2,400621E+22	2,400660E+22	2,473111E+22	2,529475E+22	2,493631E+22	2,375199E+22	2,266937E+22	2,266940E+22	2,375217E+22	2,493682E+22
-1029	2,529556E+22	2,473192E+22	2,400731E+22	2,400723E+22	2,473151E+22	2,529493E+22	2,493632E+22	2,375183E+22	2,266917E+22	2,266930E+22	2,375209E+22	2,493647E+22
-1028	2,529478E+22	2,473090E+22	2,400608E+22	2,400585E+22	2,473051E+22	2,529459E+22	2,493654E+22	2,375230E+22	2,266955E+22	2,266935E+22	2,375177E+22	2,493593E+22
-1027	2,529427E+22	2,473118E+22	2,400735E+22	2,400719E+22	2,473114E+22	2,529459E+22	2,493635E+22	2,375230E+22	2,266968E+22	2,266951E+22	2,375206E+22	2,493663E+22
-1026	2,529526E+22	2,473170E+22	2,400757E+22	2,400764E+22	2,473166E+22	2,529488E+22	2,493637E+22	2,375224E+22	2,266985E+22	2,266986E+22	2,375212E+22	2,493593E+22
-1025	2,529401E+22	2,473037E+22	2,400629E+22	2,400663E+22	2,473114E+22	2,529477E+22	2,493649E+22	2,375243E+22	2,267004E+22	2,267005E+22	2,375241E+22	2,493634E+22
-1024	2,529466E+22	2,473161E+22	2,400775E+22	2,400772E+22	2,473184E+22	2,529519E+22	2,493665E+22	2,375238E+22	2,266997E+22	2,267019E+22	2,375289E+22	2,493710E+22
-1023	2,529519E+22	2,473144E+22	2,400722E+22	2,400712E+22	2,473128E+22	2,529499E+22	2,493695E+22	2,375301E+22	2,267058E+22	2,267038E+22	2,375242E+22	2,493618E+22
-1022	2,529432E+22	2,473083E+22	2,400694E+22	2,400712E+22	2,473128E+22	2,529476E+22	2,493663E+22	2,375291E+22	2,267072E+22	2,267057E+22	2,375264E+22	2,493668E+22
-1021	2,529547E+22	2,473255E+22	2,400855E+22	2,400835E+22	2,473204E+22	2,529499E+22	2,493649E+22	2,375265E+22	2,267062E+22	2,267077E+22	2,375300E+22	2,493681E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1020	2,529497E+22	2,473150E+22	2,400737E+22	2,400723E+22	2,473127E+22	2,529476E+22	2,493664E+22	2,375295E+22	2,267086E+22	2,267081E+22	2,375278E+22	2,493630E+22
-1019	2,529429E+22	2,473121E+22	2,400787E+22	2,400805E+22	2,473182E+22	2,529492E+22	2,493659E+22	2,375284E+22	2,267065E+22	2,267063E+22	2,375290E+22	2,493706E+22
-1018	2,529559E+22	2,473220E+22	2,400824E+22	2,400838E+22	2,473230E+22	2,529535E+22	2,493676E+22	2,375270E+22	2,267047E+22	2,267055E+22	2,375276E+22	2,493648E+22
-1017	2,529454E+22	2,473100E+22	2,400684E+22	2,400684E+22	2,473123E+22	2,529496E+22	2,493685E+22	2,375291E+22	2,267050E+22	2,267031E+22	2,375243E+22	2,493629E+22
-1016	2,529465E+22	2,473172E+22	2,400806E+22	2,400784E+22	2,473166E+22	2,529504E+22	2,493674E+22	2,375271E+22	2,267034E+22	2,267031E+22	2,375264E+22	2,493681E+22
-1015	2,529523E+22	2,473168E+22	2,400763E+22	2,400754E+22	2,473141E+22	2,529480E+22	2,493667E+22	2,375284E+22	2,267056E+22	2,267043E+22	2,375236E+22	2,493592E+22
-1014	2,529400E+22	2,473046E+22	2,400648E+22	2,400683E+22	2,473124E+22	2,529466E+22	2,493629E+22	2,375242E+22	2,267021E+22	2,267021E+22	2,375247E+22	2,493642E+22
-1013	2,529488E+22	2,473176E+22	2,400776E+22	2,400772E+22	2,473186E+22	2,529509E+22	2,493636E+22	2,375204E+22	2,266969E+22	2,266995E+22	2,375271E+22	2,493701E+22
-1012	2,529507E+22	2,473108E+22	2,400665E+22	2,400646E+22	2,473080E+22	2,529467E+22	2,493657E+22	2,375241E+22	2,266983E+22	2,266974E+22	2,375214E+22	2,493621E+22
-1011	2,529431E+22	2,473064E+22	2,400673E+22	2,400685E+22	2,473097E+22	2,529452E+22	2,493639E+22	2,375239E+22	2,266976E+22	2,266955E+22	2,375201E+22	2,493654E+22
-1010	2,529546E+22	2,473213E+22	2,400779E+22	2,400767E+22	2,473169E+22	2,529493E+22	2,493640E+22	2,375220E+22	2,266977E+22	2,266979E+22	2,375218E+22	2,493615E+22
-1009	2,529443E+22	2,473101E+22	2,400672E+22	2,400646E+22	2,473079E+22	2,529454E+22	2,493639E+22	2,375239E+22	2,266997E+22	2,266985E+22	2,375205E+22	2,493587E+22
-1008	2,529408E+22	2,473110E+22	2,400765E+22	2,400767E+22	2,473159E+22	2,529487E+22	2,493641E+22	2,375234E+22	2,267004E+22	2,267014E+22	2,375252E+22	2,493671E+22
-1007	2,529514E+22	2,473156E+22	2,400761E+22	2,400777E+22	2,473180E+22	2,529507E+22	2,493666E+22	2,375265E+22	2,267040E+22	2,267046E+22	2,375261E+22	2,493623E+22
-1006	2,529418E+22	2,473045E+22	2,400638E+22	2,400680E+22	2,473135E+22	2,529490E+22	2,493663E+22	2,375277E+22	2,267051E+22	2,267044E+22	2,375260E+22	2,493647E+22
-1005	2,529490E+22	2,473189E+22	2,400805E+22	2,400794E+22	2,473195E+22	2,529525E+22	2,493681E+22	2,375281E+22	2,267057E+22	2,267061E+22	2,375297E+22	2,493715E+22
-1004	2,529548E+22	2,473188E+22	2,400769E+22	2,400731E+22	2,473110E+22	2,529467E+22	2,493679E+22	2,375321E+22	2,267112E+22	2,267100E+22	2,375281E+22	2,493625E+22
-1003	2,529433E+22	2,473109E+22	2,400756E+22	2,400770E+22	2,473138E+22	2,529451E+22	2,493650E+22	2,375315E+22	2,267118E+22	2,267106E+22	2,375292E+22	2,493666E+22
-1002	2,529531E+22	2,473250E+22	2,400883E+22	2,400885E+22	2,473250E+22	2,529524E+22	2,493653E+22	2,375276E+22	2,267099E+22	2,267126E+22	2,375337E+22	2,493690E+22
-1001	2,529487E+22	2,473155E+22	2,400771E+22	2,400754E+22	2,473150E+22	2,529491E+22	2,493669E+22	2,375296E+22	2,267096E+22	2,267099E+22	2,375294E+22	2,493645E+22
-1000	2,529448E+22	2,473135E+22	2,400805E+22	2,400825E+22	2,473201E+22	2,529514E+22	2,493680E+22	2,375301E+22	2,267090E+22	2,267090E+22	2,375297E+22	2,493696E+22
-999	2,529564E+22	2,473240E+22	2,400842E+22	2,400840E+22	2,473217E+22	2,529530E+22	2,493697E+22	2,375319E+22	2,267107E+22	2,267099E+22	2,375289E+22	2,493640E+22
-998	2,529449E+22	2,473114E+22	2,400713E+22	2,400715E+22	2,473134E+22	2,529487E+22	2,493679E+22	2,375316E+22	2,267099E+22	2,267075E+22	2,375256E+22	2,493615E+22
-997	2,529452E+22	2,473174E+22	2,400835E+22	2,400827E+22	2,473195E+22	2,529510E+22	2,493673E+22	2,375290E+22	2,267077E+22	2,267075E+22	2,375291E+22	2,493692E+22
-996	2,529530E+22	2,473174E+22	2,400775E+22	2,400763E+22	2,473140E+22	2,529471E+22	2,493655E+22	2,375283E+22	2,267079E+22	2,267087E+22	2,375285E+22	2,493622E+22
-995	2,529411E+22	2,473055E+22	2,400672E+22	2,400706E+22	2,473122E+22	2,529461E+22	2,493642E+22	2,375265E+22	2,267040E+22	2,267038E+22	2,375259E+22	2,493651E+22
-994	2,529501E+22	2,473189E+22	2,400792E+22	2,400793E+22	2,473201E+22	2,529520E+22	2,493651E+22	2,375233E+22	2,267006E+22	2,267023E+22	2,375278E+22	2,493692E+22
-993	2,529510E+22	2,473145E+22	2,400715E+22	2,400670E+22	2,473076E+22	2,529454E+22	2,493650E+22	2,375254E+22	2,267013E+22	2,266999E+22	2,375215E+22	2,493607E+22
-992	2,529432E+22	2,473090E+22	2,400726E+22	2,400735E+22	2,473116E+22	2,529451E+22	2,493636E+22	2,375251E+22	2,267020E+22	2,267011E+22	2,375222E+22	2,493629E+22
-991	2,529517E+22	2,473210E+22	2,400810E+22	2,400808E+22	2,473189E+22	2,529492E+22	2,493642E+22	2,375251E+22	2,267037E+22	2,267048E+22	2,375265E+22	2,493624E+22
-990	2,529426E+22	2,473086E+22	2,400684E+22	2,400690E+22	2,473126E+22	2,529478E+22	2,493642E+22	2,375251E+22	2,267033E+22	2,267033E+22	2,375243E+22	2,493607E+22
-989	2,529413E+22	2,473103E+22	2,400769E+22	2,400791E+22	2,473190E+22	2,529520E+22	2,493672E+22	2,375266E+22	2,267041E+22	2,267046E+22	2,375278E+22	2,493698E+22
-988	2,529548E+22	2,473181E+22	2,400772E+22	2,400769E+22	2,473160E+22	2,529496E+22	2,493676E+22	2,375296E+22	2,267085E+22	2,267090E+22	2,375292E+22	2,493644E+22
-987	2,529447E+22	2,473091E+22	2,400691E+22	2,400706E+22	2,473114E+22	2,529463E+22	2,493672E+22	2,375321E+22	2,267106E+22	2,267083E+22	2,375266E+22	2,493635E+22
-986	2,529492E+22	2,473218E+22	2,400856E+22	2,400843E+22	2,473210E+22	2,529514E+22	2,493675E+22	2,375310E+22	2,267120E+22	2,267123E+22	2,375324E+22	2,493699E+22
-985	2,529529E+22	2,473214E+22	2,400835E+22	2,400793E+22	2,473139E+22	2,529459E+22	2,493656E+22	2,375317E+22	2,267141E+22	2,267145E+22	2,375315E+22	2,493636E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-984	2,529432E+22	2,473120E+22	2,400795E+22	2,400825E+22	2,473185E+22	2,529480E+22	2,493655E+22	2,375312E+22	2,267140E+22	2,267150E+22	2,375325E+22	2,493671E+22
-983	2,529522E+22	2,473246E+22	2,400895E+22	2,400906E+22	2,473270E+22	2,529549E+22	2,493690E+22	2,375319E+22	2,267142E+22	2,267164E+22	2,375365E+22	2,493708E+22
-982	2,529500E+22	2,473164E+22	2,400781E+22	2,400780E+22	2,473179E+22	2,529513E+22	2,493694E+22	2,375333E+22	2,267137E+22	2,267124E+22	2,375296E+22	2,493640E+22
-981	2,529457E+22	2,473155E+22	2,400824E+22	2,400840E+22	2,473208E+22	2,529525E+22	2,493707E+22	2,375348E+22	2,267146E+22	2,267124E+22	2,375300E+22	2,493685E+22
-980	2,529564E+22	2,473260E+22	2,400870E+22	2,400850E+22	2,473195E+22	2,529497E+22	2,493685E+22	2,375344E+22	2,267163E+22	2,267162E+22	2,375331E+22	2,493646E+22
-979	2,529441E+22	2,473124E+22	2,400750E+22	2,400752E+22	2,473130E+22	2,529456E+22	2,493664E+22	2,375332E+22	2,267139E+22	2,267121E+22	2,375288E+22	2,493622E+22
-978	2,529438E+22	2,473162E+22	2,400838E+22	2,400851E+22	2,473217E+22	2,529516E+22	2,493668E+22	2,375294E+22	2,267105E+22	2,267119E+22	2,375329E+22	2,493709E+22
-977	2,529532E+22	2,473189E+22	2,400799E+22	2,400779E+22	2,473142E+22	2,529466E+22	2,493645E+22	2,375273E+22	2,267078E+22	2,267096E+22	2,375302E+22	2,493646E+22
-976	2,529442E+22	2,473087E+22	2,400700E+22	2,400728E+22	2,473131E+22	2,529464E+22	2,493643E+22	2,375268E+22	2,267056E+22	2,267055E+22	2,375257E+22	2,493637E+22
-975	2,529503E+22	2,473218E+22	2,400828E+22	2,400812E+22	2,473197E+22	2,529512E+22	2,493664E+22	2,375270E+22	2,267054E+22	2,267059E+22	2,375285E+22	2,493678E+22
-974	2,529500E+22	2,473161E+22	2,400758E+22	2,400731E+22	2,473114E+22	2,529456E+22	2,493644E+22	2,375271E+22	2,267053E+22	2,267037E+22	2,375224E+22	2,493586E+22
-973	2,529411E+22	2,473090E+22	2,400753E+22	2,400788E+22	2,473165E+22	2,529479E+22	2,493652E+22	2,375279E+22	2,267066E+22	2,267053E+22	2,375249E+22	2,493633E+22
-972	2,529505E+22	2,473204E+22	2,400819E+22	2,400826E+22	2,473202E+22	2,529503E+22	2,493655E+22	2,375274E+22	2,267079E+22	2,267102E+22	2,375317E+22	2,493655E+22
-971	2,529435E+22	2,473090E+22	2,400700E+22	2,400711E+22	2,473126E+22	2,529481E+22	2,493675E+22	2,375300E+22	2,267079E+22	2,267070E+22	2,375266E+22	2,493622E+22
-970	2,529428E+22	2,473118E+22	2,400778E+22	2,400802E+22	2,473194E+22	2,529526E+22	2,493696E+22	2,375315E+22	2,267106E+22	2,267100E+22	2,375304E+22	2,493699E+22
-969	2,529557E+22	2,473230E+22	2,400825E+22	2,400789E+22	2,473143E+22	2,529469E+22	2,493665E+22	2,375316E+22	2,267132E+22	2,267137E+22	2,375318E+22	2,493650E+22
-968	2,529458E+22	2,473132E+22	2,400754E+22	2,400761E+22	2,473130E+22	2,529446E+22	2,493651E+22	2,375327E+22	2,267155E+22	2,267148E+22	2,375300E+22	2,493628E+22
-967	2,529478E+22	2,473231E+22	2,400898E+22	2,400894E+22	2,473236E+22	2,529510E+22	2,493667E+22	2,375328E+22	2,267170E+22	2,267186E+22	2,375373E+22	2,493720E+22
-966	2,529527E+22	2,473211E+22	2,400856E+22	2,400850E+22	2,473196E+22	2,529484E+22	2,493657E+22	2,375320E+22	2,267162E+22	2,267173E+22	2,375337E+22	2,493651E+22
-965	2,529445E+22	2,473131E+22	2,400811E+22	2,400858E+22	2,473222E+22	2,529518E+22	2,493693E+22	2,375348E+22	2,267169E+22	2,267163E+22	2,375331E+22	2,493681E+22
-964	2,529540E+22	2,473271E+22	2,400913E+22	2,400906E+22	2,473253E+22	2,529539E+22	2,493706E+22	2,375359E+22	2,267188E+22	2,267196E+22	2,375377E+22	2,493706E+22
-963	2,529504E+22	2,473193E+22	2,400824E+22	2,400804E+22	2,473160E+22	2,529491E+22	2,493710E+22	2,375383E+22	2,267194E+22	2,267163E+22	2,375298E+22	2,493615E+22
-962	2,529437E+22	2,473162E+22	2,400852E+22	2,400877E+22	2,473222E+22	2,529516E+22	2,493703E+22	2,375377E+22	2,267208E+22	2,267190E+22	2,375333E+22	2,493670E+22
-961	2,529534E+22	2,473268E+22	2,400903E+22	2,400882E+22	2,473208E+22	2,529483E+22	2,493658E+22	2,375332E+22	2,267184E+22	2,267205E+22	2,375374E+22	2,493670E+22
-960	2,529443E+22	2,473129E+22	2,400771E+22	2,400786E+22	2,473158E+22	2,529468E+22	2,493654E+22	2,375320E+22	2,267153E+22	2,267158E+22	2,375321E+22	2,493640E+22
-959	2,529445E+22	2,473166E+22	2,400845E+22	2,400862E+22	2,473222E+22	2,529519E+22	2,493681E+22	2,375318E+22	2,267134E+22	2,267144E+22	2,375352E+22	2,493733E+22
-958	2,529554E+22	2,473207E+22	2,400814E+22	2,400808E+22	2,473168E+22	2,529474E+22	2,493652E+22	2,375292E+22	2,267102E+22	2,267105E+22	2,375292E+22	2,493638E+22
-957	2,529455E+22	2,473122E+22	2,400738E+22	2,400760E+22	2,473147E+22	2,529476E+22	2,493666E+22	2,375306E+22	2,267097E+22	2,267075E+22	2,375255E+22	2,493621E+22
-956	2,529490E+22	2,473234E+22	2,400865E+22	2,400842E+22	2,473195E+22	2,529493E+22	2,493661E+22	2,375298E+22	2,267107E+22	2,267113E+22	2,375317E+22	2,493676E+22
-955	2,529481E+22	2,473163E+22	2,400792E+22	2,400776E+22	2,473134E+22	2,529457E+22	2,493654E+22	2,375300E+22	2,267099E+22	2,267085E+22	2,375254E+22	2,493590E+22
-954	2,529395E+22	2,473076E+22	2,400750E+22	2,400809E+22	2,473196E+22	2,529505E+22	2,493672E+22	2,375307E+22	2,267114E+22	2,267109E+22	2,375291E+22	2,493647E+22
-953	2,529504E+22	2,473219E+22	2,400834E+22	2,400832E+22	2,473199E+22	2,529499E+22	2,493660E+22	2,375292E+22	2,267107E+22	2,267132E+22	2,375345E+22	2,493686E+22
-952	2,529469E+22	2,473130E+22	2,400734E+22	2,400732E+22	2,473124E+22	2,529468E+22	2,493670E+22	2,375322E+22	2,267128E+22	2,267115E+22	2,375282E+22	2,493619E+22
-951	2,529435E+22	2,473154E+22	2,400824E+22	2,400828E+22	2,473183E+22	2,529499E+22	2,493694E+22	2,375355E+22	2,267172E+22	2,267160E+22	2,375334E+22	2,493703E+22
-950	2,529557E+22	2,473254E+22	2,400880E+22	2,400862E+22	2,473185E+22	2,529461E+22	2,493646E+22	2,375324E+22	2,267174E+22	2,267184E+22	2,375342E+22	2,493648E+22
-949	2,529453E+22	2,473152E+22	2,400799E+22	2,400823E+22	2,473182E+22	2,529474E+22	2,493661E+22	2,375343E+22	2,267187E+22	2,267181E+22	2,375327E+22	2,493640E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-948	2,529471E+22	2,473234E+22	2,400922E+22	2,400925E+22	2,473259E+22	2,529525E+22	2,493682E+22	2,375350E+22	2,267205E+22	2,267226E+22	2,375408E+22	2,493743E+22
-947	2,529538E+22	2,473225E+22	2,400882E+22	2,400881E+22	2,473211E+22	2,529500E+22	2,493694E+22	2,375367E+22	2,267204E+22	2,267198E+22	2,375340E+22	2,493647E+22
-946	2,529447E+22	2,473142E+22	2,400818E+22	2,400869E+22	2,473235E+22	2,529533E+22	2,493723E+22	2,375401E+22	2,267236E+22	2,267214E+22	2,375344E+22	2,493662E+22
-945	2,529523E+22	2,473299E+22	2,400953E+22	2,400922E+22	2,473240E+22	2,529516E+22	2,493700E+22	2,375383E+22	2,267238E+22	2,267246E+22	2,375402E+22	2,493708E+22
-944	2,529499E+22	2,473210E+22	2,400866E+22	2,400845E+22	2,473169E+22	2,529467E+22	2,493682E+22	2,375390E+22	2,267247E+22	2,267230E+22	2,375337E+22	2,493616E+22
-943	2,529416E+22	2,473154E+22	2,400867E+22	2,400900E+22	2,473233E+22	2,529505E+22	2,493690E+22	2,375386E+22	2,267249E+22	2,267247E+22	2,375388E+22	2,493706E+22
-942	2,529540E+22	2,473260E+22	2,400907E+22	2,400914E+22	2,473243E+22	2,529493E+22	2,493648E+22	2,375321E+22	2,267187E+22	2,267220E+22	2,375393E+22	2,493697E+22
-941	2,529472E+22	2,473153E+22	2,400786E+22	2,400800E+22	2,473177E+22	2,529489E+22	2,493676E+22	2,375338E+22	2,267161E+22	2,267150E+22	2,375316E+22	2,493652E+22
-940	2,529469E+22	2,473202E+22	2,400873E+22	2,400866E+22	2,473207E+22	2,529503E+22	2,493685E+22	2,375344E+22	2,267166E+22	2,267160E+22	2,375349E+22	2,493727E+22
-939	2,529562E+22	2,473243E+22	2,400868E+22	2,400846E+22	2,473167E+22	2,529461E+22	2,493665E+22	2,375329E+22	2,267146E+22	2,267130E+22	2,375280E+22	2,493605E+22
-938	2,529429E+22	2,473128E+22	2,400771E+22	2,400806E+22	2,473181E+22	2,529485E+22	2,493675E+22	2,375340E+22	2,267157E+22	2,267135E+22	2,375280E+22	2,493597E+22
-937	2,529449E+22	2,473234E+22	2,400895E+22	2,400876E+22	2,473218E+22	2,529498E+22	2,493656E+22	2,375306E+22	2,267140E+22	2,267160E+22	2,375356E+22	2,493693E+22
-936	2,529474E+22	2,473161E+22	2,400809E+22	2,400805E+22	2,473161E+22	2,529473E+22	2,493661E+22	2,375319E+22	2,267145E+22	2,267140E+22	2,375291E+22	2,493608E+22
-935	2,529398E+22	2,473079E+22	2,400754E+22	2,400811E+22	2,473196E+22	2,529506E+22	2,493692E+22	2,375352E+22	2,267172E+22	2,267162E+22	2,375329E+22	2,493679E+22
-934	2,529529E+22	2,473237E+22	2,400852E+22	2,400854E+22	2,473211E+22	2,529492E+22	2,493659E+22	2,375317E+22	2,267153E+22	2,267169E+22	2,375357E+22	2,493692E+22
-933	2,529490E+22	2,473175E+22	2,400788E+22	2,400771E+22	2,473135E+22	2,529463E+22	2,493675E+22	2,375353E+22	2,267177E+22	2,267155E+22	2,375302E+22	2,493623E+22
-932	2,529434E+22	2,473182E+22	2,400879E+22	2,400874E+22	2,473188E+22	2,529467E+22	2,493667E+22	2,375367E+22	2,267221E+22	2,267219E+22	2,375377E+22	2,493717E+22
-931	2,529551E+22	2,473264E+22	2,400925E+22	2,400918E+22	2,473219E+22	2,529471E+22	2,493650E+22	2,375338E+22	2,267206E+22	2,267224E+22	2,375367E+22	2,493654E+22
-930	2,529446E+22	2,473151E+22	2,400816E+22	2,400859E+22	2,473227E+22	2,529512E+22	2,493689E+22	2,375371E+22	2,267226E+22	2,267224E+22	2,375353E+22	2,493641E+22
-929	2,529467E+22	2,473253E+22	2,400946E+22	2,400937E+22	2,473264E+22	2,529532E+22	2,493698E+22	2,375376E+22	2,267235E+22	2,267248E+22	2,375417E+22	2,493751E+22
-928	2,529555E+22	2,473258E+22	2,400919E+22	2,400904E+22	2,473218E+22	2,529497E+22	2,493698E+22	2,375403E+22	2,267265E+22	2,267246E+22	2,375346E+22	2,493629E+22
-927	2,529437E+22	2,473161E+22	2,400852E+22	2,400887E+22	2,473229E+22	2,529514E+22	2,493725E+22	2,375444E+22	2,267308E+22	2,267280E+22	2,375377E+22	2,493664E+22
-926	2,529511E+22	2,473294E+22	2,400981E+22	2,400973E+22	2,473273E+22	2,529507E+22	2,493680E+22	2,375389E+22	2,267276E+22	2,267292E+22	2,375431E+22	2,493717E+22
-925	2,529498E+22	2,473218E+22	2,400893E+22	2,400883E+22	2,473204E+22	2,529486E+22	2,493687E+22	2,375398E+22	2,267267E+22	2,267258E+22	2,375372E+22	2,493645E+22
-924	2,529422E+22	2,473157E+22	2,400882E+22	2,400912E+22	2,473234E+22	2,529500E+22	2,493690E+22	2,375397E+22	2,267271E+22	2,267275E+22	2,375418E+22	2,493738E+22
-923	2,529567E+22	2,473281E+22	2,400932E+22	2,400930E+22	2,473247E+22	2,529502E+22	2,493674E+22	2,375351E+22	2,267212E+22	2,267230E+22	2,375385E+22	2,493690E+22
-922	2,529484E+22	2,473181E+22	2,400811E+22	2,400815E+22	2,473189E+22	2,529502E+22	2,493697E+22	2,375377E+22	2,267211E+22	2,267185E+22	2,375312E+22	2,493619E+22
-921	2,529452E+22	2,473233E+22	2,400922E+22	2,400892E+22	2,473204E+22	2,529486E+22	2,493678E+22	2,375363E+22	2,267206E+22	2,267197E+22	2,375358E+22	2,493713E+22
-920	2,529547E+22	2,473254E+22	2,400913E+22	2,400899E+22	2,473197E+22	2,529453E+22	2,493643E+22	2,375342E+22	2,267202E+22	2,267192E+22	2,375310E+22	2,493596E+22
-919	2,529399E+22	2,473108E+22	2,400778E+22	2,400827E+22	2,473204E+22	2,529494E+22	2,493677E+22	2,375362E+22	2,267209E+22	2,267200E+22	2,375335E+22	2,493631E+22
-918	2,529447E+22	2,473209E+22	2,400892E+22	2,400902E+22	2,473250E+22	2,529514E+22	2,493662E+22	2,375316E+22	2,267163E+22	2,267190E+22	2,375383E+22	2,493722E+22
-917	2,529504E+22	2,473184E+22	2,400824E+22	2,400811E+22	2,473165E+22	2,529483E+22	2,493682E+22	2,375349E+22	2,267173E+22	2,267157E+22	2,375307E+22	2,493628E+22
-916	2,529419E+22	2,473113E+22	2,400789E+22	2,400815E+22	2,473170E+22	2,529473E+22	2,493683E+22	2,375380E+22	2,267223E+22	2,267205E+22	2,375348E+22	2,493687E+22
-915	2,529547E+22	2,473279E+22	2,400915E+22	2,400896E+22	2,473213E+22	2,529474E+22	2,493656E+22	2,375340E+22	2,267200E+22	2,267212E+22	2,375364E+22	2,493673E+22
-914	2,529479E+22	2,473194E+22	2,400836E+22	2,400828E+22	2,473178E+22	2,529473E+22	2,493671E+22	2,375371E+22	2,267228E+22	2,267215E+22	2,375330E+22	2,493608E+22
-913	2,529412E+22	2,473197E+22	2,400922E+22	2,400920E+22	2,473225E+22	2,529483E+22	2,493665E+22	2,375369E+22	2,267245E+22	2,267255E+22	2,375407E+22	2,493736E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-912	2,529557E+22	2,473274E+22	2,400957E+22	2,400962E+22	2,473259E+22	2,529494E+22	2,493662E+22	2,375364E+22	2,267252E+22	2,267266E+22	2,375385E+22	2,493658E+22
-911	2,529447E+22	2,473156E+22	2,400829E+22	2,400870E+22	2,473238E+22	2,529529E+22	2,493724E+22	2,375428E+22	2,267292E+22	2,267275E+22	2,375380E+22	2,493655E+22
-910	2,529474E+22	2,473258E+22	2,400967E+22	2,400965E+22	2,473278E+22	2,529534E+22	2,493711E+22	2,375414E+22	2,267291E+22	2,267292E+22	2,375426E+22	2,493741E+22
-909	2,529558E+22	2,473287E+22	2,400964E+22	2,400935E+22	2,473223E+22	2,529492E+22	2,493708E+22	2,375440E+22	2,267320E+22	2,267298E+22	2,375379E+22	2,493634E+22
-908	2,529425E+22	2,473169E+22	2,400887E+22	2,400915E+22	2,473226E+22	2,529482E+22	2,493698E+22	2,375456E+22	2,267360E+22	2,267346E+22	2,375431E+22	2,493692E+22
-907	2,529518E+22	2,473298E+22	2,401005E+22	2,401000E+22	2,473290E+22	2,529514E+22	2,493679E+22	2,375391E+22	2,267300E+22	2,267327E+22	2,375458E+22	2,493734E+22
-906	2,529511E+22	2,473226E+22	2,400907E+22	2,400903E+22	2,473229E+22	2,529506E+22	2,493701E+22	2,375413E+22	2,267291E+22	2,267286E+22	2,375387E+22	2,493649E+22
-905	2,529439E+22	2,473192E+22	2,400914E+22	2,400923E+22	2,473228E+22	2,529491E+22	2,493688E+22	2,375405E+22	2,267283E+22	2,267281E+22	2,375414E+22	2,493738E+22
-904	2,529586E+22	2,473320E+22	2,400980E+22	2,400963E+22	2,473256E+22	2,529492E+22	2,493665E+22	2,375374E+22	2,267261E+22	2,267262E+22	2,375376E+22	2,493658E+22
-903	2,529465E+22	2,473196E+22	2,400855E+22	2,400850E+22	2,473202E+22	2,529498E+22	2,493702E+22	2,375411E+22	2,267270E+22	2,267242E+22	2,375338E+22	2,493610E+22
-902	2,529424E+22	2,473210E+22	2,400944E+22	2,400945E+22	2,473248E+22	2,529496E+22	2,493670E+22	2,375369E+22	2,267240E+22	2,267240E+22	2,375380E+22	2,493707E+22
-901	2,529532E+22	2,473248E+22	2,400930E+22	2,400930E+22	2,473235E+22	2,529487E+22	2,493665E+22	2,375361E+22	2,267227E+22	2,267226E+22	2,375349E+22	2,493624E+22
-900	2,529400E+22	2,473100E+22	2,400782E+22	2,400829E+22	2,473198E+22	2,529488E+22	2,493684E+22	2,375387E+22	2,267247E+22	2,267241E+22	2,375373E+22	2,493667E+22
-899	2,529478E+22	2,473223E+22	2,400901E+22	2,400899E+22	2,473242E+22	2,529518E+22	2,493684E+22	2,375350E+22	2,267204E+22	2,267218E+22	2,375389E+22	2,493724E+22
-898	2,529525E+22	2,473216E+22	2,400857E+22	2,400827E+22	2,473167E+22	2,529482E+22	2,493693E+22	2,375385E+22	2,267231E+22	2,267210E+22	2,375322E+22	2,493610E+22
-897	2,529419E+22	2,473155E+22	2,400850E+22	2,400852E+22	2,473163E+22	2,529441E+22	2,493658E+22	2,375386E+22	2,267261E+22	2,267251E+22	2,375373E+22	2,493688E+22
-896	2,529546E+22	2,473303E+22	2,400973E+22	2,400961E+22	2,473250E+22	2,529465E+22	2,493626E+22	2,375346E+22	2,267252E+22	2,267271E+22	2,375395E+22	2,493671E+22
-895	2,529463E+22	2,473191E+22	2,400864E+22	2,400867E+22	2,473216E+22	2,529497E+22	2,493681E+22	2,375390E+22	2,267272E+22	2,267269E+22	2,375374E+22	2,493633E+22
-894	2,529416E+22	2,473182E+22	2,400933E+22	2,400959E+22	2,473265E+22	2,529512E+22	2,493686E+22	2,375390E+22	2,267271E+22	2,267278E+22	2,375414E+22	2,493741E+22
-893	2,529577E+22	2,473303E+22	2,400987E+22	2,400984E+22	2,473276E+22	2,529517E+22	2,493699E+22	2,375411E+22	2,267293E+22	2,267290E+22	2,375397E+22	2,493662E+22
-892	2,529451E+22	2,473181E+22	2,400868E+22	2,400882E+22	2,473218E+22	2,529503E+22	2,493727E+22	2,375474E+22	2,267362E+22	2,267334E+22	2,375406E+22	2,493657E+22
-891	2,529478E+22	2,473277E+22	2,401011E+22	2,400998E+22	2,473282E+22	2,529526E+22	2,493716E+22	2,375445E+22	2,267351E+22	2,267351E+22	2,375449E+22	2,493728E+22
-890	2,529545E+22	2,473294E+22	2,400998E+22	2,400978E+22	2,473254E+22	2,529500E+22	2,493706E+22	2,375458E+22	2,267373E+22	2,267366E+22	2,375422E+22	2,493634E+22
-889	2,529417E+22	2,473181E+22	2,400918E+22	2,400944E+22	2,473241E+22	2,529481E+22	2,493686E+22	2,375450E+22	2,267376E+22	2,267381E+22	2,375468E+22	2,493723E+22
-888	2,529541E+22	2,473317E+22	2,401034E+22	2,401034E+22	2,473312E+22	2,529517E+22	2,493673E+22	2,375406E+22	2,267334E+22	2,267356E+22	2,375471E+22	2,493741E+22
-887	2,529524E+22	2,473242E+22	2,400924E+22	2,400915E+22	2,473236E+22	2,529515E+22	2,493719E+22	2,375447E+22	2,267335E+22	2,267319E+22	2,375401E+22	2,493653E+22
-886	2,529446E+22	2,473202E+22	2,400945E+22	2,400960E+22	2,473245E+22	2,529493E+22	2,493694E+22	2,375426E+22	2,267315E+22	2,267304E+22	2,375407E+22	2,493714E+22
-885	2,529580E+22	2,473344E+22	2,401028E+22	2,401005E+22	2,473272E+22	2,529494E+22	2,493673E+22	2,375398E+22	2,267293E+22	2,267296E+22	2,375399E+22	2,493649E+22
-884	2,529435E+22	2,473183E+22	2,400876E+22	2,400877E+22	2,473208E+22	2,529484E+22	2,493689E+22	2,375425E+22	2,267315E+22	2,267300E+22	2,375385E+22	2,493632E+22
-883	2,529422E+22	2,473193E+22	2,400943E+22	2,400957E+22	2,473267E+22	2,529521E+22	2,493687E+22	2,375379E+22	2,267264E+22	2,267275E+22	2,375407E+22	2,493720E+22
-882	2,529539E+22	2,473246E+22	2,400928E+22	2,400930E+22	2,473242E+22	2,529505E+22	2,493689E+22	2,375389E+22	2,267262E+22	2,267262E+22	2,375368E+22	2,493629E+22
-881	2,529423E+22	2,473136E+22	2,400806E+22	2,400828E+22	2,473175E+22	2,529465E+22	2,493677E+22	2,375401E+22	2,267274E+22	2,267263E+22	2,375381E+22	2,493676E+22
-880	2,529508E+22	2,473273E+22	2,400956E+22	2,400932E+22	2,473235E+22	2,529484E+22	2,493660E+22	2,375373E+22	2,267262E+22	2,267262E+22	2,375393E+22	2,493703E+22
-879	2,529518E+22	2,473241E+22	2,400910E+22	2,400875E+22	2,473183E+22	2,529469E+22	2,493683E+22	2,375407E+22	2,267285E+22	2,267270E+22	2,375357E+22	2,493610E+22
-878	2,529404E+22	2,473150E+22	2,400894E+22	2,400925E+22	2,473215E+22	2,529456E+22	2,493650E+22	2,375386E+22	2,267286E+22	2,267288E+22	2,375395E+22	2,493685E+22
-877	2,529539E+22	2,473313E+22	2,401012E+22	2,401011E+22	2,473297E+22	2,529508E+22	2,493657E+22	2,375368E+22	2,267274E+22	2,267301E+22	2,375428E+22	2,493688E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-876	2,529460E+22	2,473191E+22	2,400885E+22	2,400890E+22	2,473228E+22	2,529508E+22	2,493707E+22	2,375434E+22	2,267326E+22	2,267317E+22	2,375405E+22	2,493655E+22
-875	2,529438E+22	2,473196E+22	2,400947E+22	2,400967E+22	2,473274E+22	2,529536E+22	2,493724E+22	2,375441E+22	2,267332E+22	2,267323E+22	2,375422E+22	2,493724E+22
-874	2,529578E+22	2,473328E+22	2,401022E+22	2,401007E+22	2,473280E+22	2,529521E+22	2,493721E+22	2,375465E+22	2,267372E+22	2,267362E+22	2,375423E+22	2,493645E+22
-873	2,529445E+22	2,473210E+22	2,400918E+22	2,400918E+22	2,473209E+22	2,529467E+22	2,493702E+22	2,375489E+22	2,267415E+22	2,267400E+22	2,375453E+22	2,493673E+22
-872	2,529480E+22	2,473289E+22	2,401051E+22	2,401048E+22	2,473305E+22	2,529506E+22	2,493682E+22	2,375452E+22	2,267405E+22	2,267416E+22	2,375496E+22	2,493745E+22
-871	2,529543E+22	2,473295E+22	2,401015E+22	2,401006E+22	2,473279E+22	2,529514E+22	2,493709E+22	2,375466E+22	2,267403E+22	2,267413E+22	2,375473E+22	2,493673E+22
-870	2,529437E+22	2,473183E+22	2,400933E+22	2,400975E+22	2,473262E+22	2,529493E+22	2,493691E+22	2,375451E+22	2,267378E+22	2,267383E+22	2,375467E+22	2,493727E+22
-869	2,529567E+22	2,473359E+22	2,401072E+22	2,401056E+22	2,473322E+22	2,529531E+22	2,493696E+22	2,375431E+22	2,267348E+22	2,267361E+22	2,375469E+22	2,493732E+22
-868	2,529522E+22	2,473268E+22	2,400969E+22	2,400943E+22	2,473227E+22	2,529494E+22	2,493716E+22	2,375476E+22	2,267382E+22	2,267355E+22	2,375408E+22	2,493640E+22
-867	2,529438E+22	2,473209E+22	2,400973E+22	2,400992E+22	2,473264E+22	2,529504E+22	2,493703E+22	2,375449E+22	2,267358E+22	2,267343E+22	2,375414E+22	2,493683E+22
-866	2,529547E+22	2,473335E+22	2,401046E+22	2,401042E+22	2,473310E+22	2,529520E+22	2,493690E+22	2,375423E+22	2,267338E+22	2,267348E+22	2,375428E+22	2,493644E+22
-865	2,529422E+22	2,473181E+22	2,400886E+22	2,400891E+22	2,473209E+22	2,529483E+22	2,493690E+22	2,375434E+22	2,267337E+22	2,267333E+22	2,375421E+22	2,493661E+22
-864	2,529441E+22	2,473203E+22	2,400951E+22	2,400969E+22	2,473266E+22	2,529511E+22	2,493687E+22	2,375410E+22	2,267313E+22	2,267312E+22	2,375426E+22	2,493728E+22
-863	2,529553E+22	2,473267E+22	2,400941E+22	2,400932E+22	2,473233E+22	2,529500E+22	2,493700E+22	2,375425E+22	2,267315E+22	2,267310E+22	2,375397E+22	2,493640E+22
-862	2,529433E+22	2,473157E+22	2,400848E+22	2,400867E+22	2,473178E+22	2,529448E+22	2,493666E+22	2,375413E+22	2,267307E+22	2,267295E+22	2,375388E+22	2,493661E+22
-861	2,529510E+22	2,473310E+22	2,401019E+22	2,400991E+22	2,473259E+22	2,529479E+22	2,493653E+22	2,375384E+22	2,267290E+22	2,267304E+22	2,375429E+22	2,493706E+22
-860	2,529498E+22	2,473242E+22	2,400948E+22	2,400927E+22	2,473209E+22	2,529465E+22	2,493669E+22	2,375416E+22	2,267326E+22	2,267325E+22	2,375403E+22	2,493636E+22
-859	2,529410E+22	2,473148E+22	2,400907E+22	2,400953E+22	2,473253E+22	2,529500E+22	2,493681E+22	2,375407E+22	2,267315E+22	2,267320E+22	2,375414E+22	2,493686E+22
-858	2,529541E+22	2,473323E+22	2,401028E+22	2,401033E+22	2,473320E+22	2,529541E+22	2,493701E+22	2,375417E+22	2,267324E+22	2,267339E+22	2,375439E+22	2,493682E+22
-857	2,529472E+22	2,473224E+22	2,400916E+22	2,400904E+22	2,473215E+22	2,529494E+22	2,493716E+22	2,375473E+22	2,267380E+22	2,267361E+22	2,375423E+22	2,493658E+22
-856	2,529454E+22	2,473234E+22	2,400994E+22	2,401003E+22	2,473273E+22	2,529507E+22	2,493712E+22	2,375484E+22	2,267414E+22	2,267391E+22	2,375447E+22	2,493710E+22
-855	2,529560E+22	2,473338E+22	2,401058E+22	2,401046E+22	2,473295E+22	2,529511E+22	2,493714E+22	2,375492E+22	2,267437E+22	2,267440E+22	2,375480E+22	2,493663E+22
-854	2,529434E+22	2,473204E+22	2,400951E+22	2,400976E+22	2,473247E+22	2,529473E+22	2,493689E+22	2,375484E+22	2,267437E+22	2,267439E+22	2,375488E+22	2,493694E+22
-853	2,529493E+22	2,473312E+22	2,401086E+22	2,401087E+22	2,473332E+22	2,529524E+22	2,493695E+22	2,375459E+22	2,267411E+22	2,267437E+22	2,375530E+22	2,493772E+22
-852	2,529554E+22	2,473305E+22	2,401035E+22	2,401026E+22	2,473282E+22	2,529511E+22	2,493718E+22	2,375492E+22	2,267435E+22	2,267438E+22	2,375489E+22	2,493692E+22
-851	2,529466E+22	2,473213E+22	2,400954E+22	2,400986E+22	2,473274E+22	2,529517E+22	2,493719E+22	2,375484E+22	2,267415E+22	2,267402E+22	2,375454E+22	2,493696E+22
-850	2,529556E+22	2,473387E+22	2,401114E+22	2,401085E+22	2,473330E+22	2,529537E+22	2,493719E+22	2,375475E+22	2,267405E+22	2,267404E+22	2,375469E+22	2,493698E+22
-849	2,529501E+22	2,473283E+22	2,401008E+22	2,400981E+22	2,473230E+22	2,529471E+22	2,493700E+22	2,375490E+22	2,267424E+22	2,267404E+22	2,375439E+22	2,493643E+22
-848	2,529426E+22	2,473206E+22	2,400988E+22	2,401027E+22	2,473287E+22	2,529494E+22	2,493685E+22	2,375465E+22	2,267409E+22	2,267396E+22	2,375449E+22	2,493690E+22
-847	2,529529E+22	2,473317E+22	2,401038E+22	2,401050E+22	2,473323E+22	2,529533E+22	2,493702E+22	2,375442E+22	2,267372E+22	2,267393E+22	2,375475E+22	2,493679E+22
-846	2,529435E+22	2,473180E+22	2,400894E+22	2,400907E+22	2,473211E+22	2,529478E+22	2,493693E+22	2,375444E+22	2,267351E+22	2,267344E+22	2,375428E+22	2,493672E+22
-845	2,529469E+22	2,473250E+22	2,400991E+22	2,400986E+22	2,473258E+22	2,529499E+22	2,493692E+22	2,375431E+22	2,267336E+22	2,267334E+22	2,375441E+22	2,493727E+22
-844	2,529553E+22	2,473298E+22	2,400991E+22	2,400966E+22	2,473225E+22	2,529469E+22	2,493683E+22	2,375444E+22	2,267364E+22	2,267358E+22	2,375421E+22	2,493643E+22
-843	2,529436E+22	2,473179E+22	2,400887E+22	2,400913E+22	2,473216E+22	2,529466E+22	2,493666E+22	2,375422E+22	2,267341E+22	2,267335E+22	2,375403E+22	2,493641E+22
-842	2,529485E+22	2,473315E+22	2,401054E+22	2,401045E+22	2,473310E+22	2,529517E+22	2,493676E+22	2,375408E+22	2,267330E+22	2,267348E+22	2,375452E+22	2,493706E+22
-841	2,529495E+22	2,473250E+22	2,400971E+22	2,400963E+22	2,473232E+22	2,529479E+22	2,493685E+22	2,375438E+22	2,267358E+22	2,267359E+22	2,375432E+22	2,493660E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-840	2,529429E+22	2,473163E+22	2,400919E+22	2,400976E+22	2,473269E+22	2,529502E+22	2,493701E+22	2,375463E+22	2,267384E+22	2,267366E+22	2,375430E+22	2,493683E+22
-839	2,529538E+22	2,473338E+22	2,401047E+22	2,401045E+22	2,473323E+22	2,529547E+22	2,493729E+22	2,375475E+22	2,267400E+22	2,267406E+22	2,375477E+22	2,493690E+22
-838	2,529471E+22	2,473241E+22	2,400961E+22	2,400944E+22	2,473211E+22	2,529470E+22	2,493709E+22	2,375499E+22	2,267434E+22	2,267414E+22	2,375450E+22	2,493655E+22
-837	2,529451E+22	2,473262E+22	2,401045E+22	2,401051E+22	2,473288E+22	2,529493E+22	2,493699E+22	2,375495E+22	2,267453E+22	2,267452E+22	2,375505E+22	2,493730E+22
-836	2,529549E+22	2,473341E+22	2,401086E+22	2,401084E+22	2,473313E+22	2,529501E+22	2,493693E+22	2,375494E+22	2,267475E+22	2,267495E+22	2,375534E+22	2,493706E+22
-835	2,529460E+22	2,473218E+22	2,400960E+22	2,400992E+22	2,473275E+22	2,529505E+22	2,493704E+22	2,375489E+22	2,267450E+22	2,267454E+22	2,375497E+22	2,493700E+22
-834	2,529510E+22	2,473341E+22	2,401115E+22	2,401111E+22	2,473350E+22	2,529544E+22	2,493725E+22	2,375495E+22	2,267444E+22	2,267451E+22	2,375520E+22	2,493762E+22
-833	2,529572E+22	2,473348E+22	2,401078E+22	2,401052E+22	2,473275E+22	2,529491E+22	2,493716E+22	2,375517E+22	2,267472E+22	2,267460E+22	2,375485E+22	2,493679E+22
-832	2,529467E+22	2,473245E+22	2,401003E+22	2,401031E+22	2,473283E+22	2,529493E+22	2,493712E+22	2,375524E+22	2,267481E+22	2,267450E+22	2,375460E+22	2,493662E+22
-831	2,529513E+22	2,473378E+22	2,401140E+22	2,401126E+22	2,473359E+22	2,529545E+22	2,493723E+22	2,375502E+22	2,267461E+22	2,267468E+22	2,375512E+22	2,493701E+22
-830	2,529468E+22	2,473259E+22	2,401023E+22	2,401020E+22	2,473261E+22	2,529483E+22	2,493701E+22	2,375495E+22	2,267447E+22	2,267439E+22	2,375469E+22	2,493658E+22
-829	2,529429E+22	2,473211E+22	2,400998E+22	2,401043E+22	2,473303E+22	2,529509E+22	2,493703E+22	2,375480E+22	2,267425E+22	2,267426E+22	2,375491E+22	2,493720E+22
-828	2,529539E+22	2,473319E+22	2,401038E+22	2,401049E+22	2,473313E+22	2,529520E+22	2,493706E+22	2,375471E+22	2,267415E+22	2,267430E+22	2,375502E+22	2,493710E+22
-827	2,529470E+22	2,473213E+22	2,400910E+22	2,400907E+22	2,473213E+22	2,529487E+22	2,493703E+22	2,375467E+22	2,267386E+22	2,267370E+22	2,375428E+22	2,493657E+22
-826	2,529469E+22	2,473286E+22	2,401045E+22	2,401025E+22	2,473265E+22	2,529489E+22	2,493695E+22	2,375460E+22	2,267384E+22	2,267377E+22	2,375450E+22	2,493713E+22
-825	2,529546E+22	2,473318E+22	2,401038E+22	2,401018E+22	2,473242E+22	2,529447E+22	2,493658E+22	2,375446E+22	2,267396E+22	2,267402E+22	2,375455E+22	2,493658E+22
-824	2,529436E+22	2,473190E+22	2,400917E+22	2,400962E+22	2,473253E+22	2,529471E+22	2,493663E+22	2,375442E+22	2,267386E+22	2,267379E+22	2,375431E+22	2,493647E+22
-823	2,529470E+22	2,473306E+22	2,401058E+22	2,401062E+22	2,473336E+22	2,529546E+22	2,493707E+22	2,375443E+22	2,267372E+22	2,267389E+22	2,375483E+22	2,493724E+22
-822	2,529500E+22	2,473257E+22	2,400992E+22	2,400986E+22	2,473243E+22	2,529485E+22	2,493704E+22	2,375472E+22	2,267395E+22	2,267380E+22	2,375435E+22	2,493659E+22
-821	2,529447E+22	2,473209E+22	2,400963E+22	2,400998E+22	2,473265E+22	2,529492E+22	2,493711E+22	2,375498E+22	2,267433E+22	2,267413E+22	2,375456E+22	2,493680E+22
-820	2,529525E+22	2,473352E+22	2,401086E+22	2,401078E+22	2,473317E+22	2,529515E+22	2,493714E+22	2,375506E+22	2,267469E+22	2,267476E+22	2,375518E+22	2,493704E+22
-819	2,529473E+22	2,473257E+22	2,400992E+22	2,400984E+22	2,473247E+22	2,529484E+22	2,493703E+22	2,375509E+22	2,267476E+22	2,267468E+22	2,375483E+22	2,493656E+22
-818	2,529440E+22	2,473276E+22	2,401085E+22	2,401097E+22	2,473322E+22	2,529511E+22	2,493710E+22	2,375514E+22	2,267490E+22	2,267496E+22	2,375533E+22	2,493747E+22
-817	2,529563E+22	2,473359E+22	2,401115E+22	2,401115E+22	2,473327E+22	2,529500E+22	2,493696E+22	2,375508E+22	2,267500E+22	2,267523E+22	2,375556E+22	2,493731E+22
-816	2,529491E+22	2,473254E+22	2,400992E+22	2,401021E+22	2,473290E+22	2,529501E+22	2,493715E+22	2,375534E+22	2,267505E+22	2,267485E+22	2,375496E+22	2,493684E+22
-815	2,529503E+22	2,473361E+22	2,401146E+22	2,401134E+22	2,473361E+22	2,529553E+22	2,493748E+22	2,375542E+22	2,267506E+22	2,267500E+22	2,375534E+22	2,493748E+22
-814	2,529552E+22	2,473357E+22	2,401128E+22	2,401103E+22	2,473291E+22	2,529479E+22	2,493711E+22	2,375539E+22	2,267516E+22	2,267502E+22	2,375499E+22	2,493664E+22
-813	2,529448E+22	2,473254E+22	2,401040E+22	2,401075E+22	2,473311E+22	2,529493E+22	2,493705E+22	2,375533E+22	2,267516E+22	2,267507E+22	2,375512E+22	2,493675E+22
-812	2,529485E+22	2,473350E+22	2,401140E+22	2,401144E+22	2,473377E+22	2,529549E+22	2,493720E+22	2,375512E+22	2,267498E+22	2,267520E+22	2,375565E+22	2,493746E+22
-811	2,529490E+22	2,473259E+22	2,401011E+22	2,401012E+22	2,473277E+22	2,529511E+22	2,493719E+22	2,375507E+22	2,267464E+22	2,267458E+22	2,375483E+22	2,493671E+22
-810	2,529448E+22	2,473238E+22	2,401019E+22	2,401046E+22	2,473298E+22	2,529509E+22	2,493722E+22	2,375515E+22	2,267461E+22	2,267445E+22	2,375486E+22	2,493724E+22
-809	2,529568E+22	2,473363E+22	2,401080E+22	2,401064E+22	2,473294E+22	2,529484E+22	2,493687E+22	2,375486E+22	2,267451E+22	2,267458E+22	2,375507E+22	2,493710E+22
-808	2,529485E+22	2,473253E+22	2,400963E+22	2,400953E+22	2,473223E+22	2,529456E+22	2,493684E+22	2,375492E+22	2,267439E+22	2,267411E+22	2,375434E+22	2,493633E+22
-807	2,529440E+22	2,473288E+22	2,401081E+22	2,401076E+22	2,473308E+22	2,529505E+22	2,493697E+22	2,375476E+22	2,267426E+22	2,267426E+22	2,375484E+22	2,493718E+22
-806	2,529523E+22	2,473310E+22	2,401071E+22	2,401068E+22	2,473282E+22	2,529466E+22	2,493664E+22	2,375452E+22	2,267412E+22	2,267423E+22	2,375470E+22	2,493665E+22
-805	2,529438E+22	2,473200E+22	2,400940E+22	2,400988E+22	2,473279E+22	2,529494E+22	2,493690E+22	2,375469E+22	2,267416E+22	2,267416E+22	2,375463E+22	2,493659E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-804	2,529464E+22	2,473303E+22	2,401066E+22	2,401070E+22	2,473338E+22	2,529548E+22	2,493727E+22	2,375492E+22	2,267437E+22	2,267442E+22	2,375508E+22	2,493739E+22
-803	2,529518E+22	2,473283E+22	2,401010E+22	2,400988E+22	2,473248E+22	2,529495E+22	2,493719E+22	2,375512E+22	2,267457E+22	2,267433E+22	2,375448E+22	2,493643E+22
-802	2,529437E+22	2,473237E+22	2,401017E+22	2,401037E+22	2,473271E+22	2,529477E+22	2,493713E+22	2,375538E+22	2,267502E+22	2,267478E+22	2,375485E+22	2,493685E+22
-801	2,529526E+22	2,473365E+22	2,401127E+22	2,401122E+22	2,473330E+22	2,529486E+22	2,493680E+22	2,375508E+22	2,267513E+22	2,267537E+22	2,375569E+22	2,493738E+22
-800	2,529491E+22	2,473274E+22	2,401026E+22	2,401027E+22	2,473274E+22	2,529479E+22	2,493694E+22	2,375525E+22	2,267515E+22	2,267512E+22	2,375515E+22	2,493673E+22
-799	2,529446E+22	2,473285E+22	2,401106E+22	2,401124E+22	2,473348E+22	2,529532E+22	2,493730E+22	2,375539E+22	2,267523E+22	2,267529E+22	2,375557E+22	2,493764E+22
-798	2,529575E+22	2,473384E+22	2,401158E+22	2,401149E+22	2,473340E+22	2,529502E+22	2,493706E+22	2,375531E+22	2,267527E+22	2,267535E+22	2,375548E+22	2,493719E+22
-797	2,529502E+22	2,473300E+22	2,401052E+22	2,401060E+22	2,473304E+22	2,529502E+22	2,493725E+22	2,375560E+22	2,267548E+22	2,267529E+22	2,375512E+22	2,493665E+22
-796	2,529474E+22	2,473359E+22	2,401181E+22	2,401174E+22	2,473377E+22	2,529545E+22	2,493745E+22	2,375573E+22	2,267569E+22	2,267563E+22	2,375565E+22	2,493748E+22
-795	2,529540E+22	2,473353E+22	2,401138E+22	2,401131E+22	2,473336E+22	2,529512E+22	2,493720E+22	2,375555E+22	2,267555E+22	2,267549E+22	2,375527E+22	2,493664E+22
-794	2,529432E+22	2,473251E+22	2,401058E+22	2,401097E+22	2,473334E+22	2,529516E+22	2,493728E+22	2,375562E+22	2,267553E+22	2,267544E+22	2,375538E+22	2,493701E+22
-793	2,529504E+22	2,473349E+22	2,401141E+22	2,401145E+22	2,473370E+22	2,529538E+22	2,493721E+22	2,375531E+22	2,267527E+22	2,267549E+22	2,375590E+22	2,493779E+22
-792	2,529532E+22	2,473294E+22	2,401034E+22	2,401019E+22	2,473266E+22	2,529490E+22	2,493722E+22	2,375546E+22	2,267513E+22	2,267489E+22	2,375487E+22	2,493665E+22
-791	2,529453E+22	2,473267E+22	2,401055E+22	2,401060E+22	2,473290E+22	2,529496E+22	2,493721E+22	2,375540E+22	2,267508E+22	2,267489E+22	2,375502E+22	2,493713E+22
-790	2,529553E+22	2,473381E+22	2,401140E+22	2,401115E+22	2,473305E+22	2,529460E+22	2,493663E+22	2,375487E+22	2,267478E+22	2,267489E+22	2,375517E+22	2,493698E+22
-789	2,529476E+22	2,473272E+22	2,401014E+22	2,401008E+22	2,473262E+22	2,529462E+22	2,493667E+22	2,375482E+22	2,267459E+22	2,267457E+22	2,375473E+22	2,493639E+22
-788	2,529415E+22	2,473263E+22	2,401086E+22	2,401101E+22	2,473337E+22	2,529523E+22	2,493705E+22	2,375490E+22	2,267458E+22	2,267466E+22	2,375514E+22	2,493742E+22
-787	2,529539E+22	2,473312E+22	2,401068E+22	2,401074E+22	2,473314E+22	2,529507E+22	2,493695E+22	2,375480E+22	2,267440E+22	2,267444E+22	2,375474E+22	2,493662E+22
-786	2,529445E+22	2,473226E+22	2,400973E+22	2,401000E+22	2,473278E+22	2,529499E+22	2,493719E+22	2,375523E+22	2,267475E+22	2,267451E+22	2,375463E+22	2,493657E+22
-785	2,529477E+22	2,473325E+22	2,401103E+22	2,401088E+22	2,473323E+22	2,529516E+22	2,493715E+22	2,375522E+22	2,267499E+22	2,267500E+22	2,375534E+22	2,493743E+22
-784	2,529527E+22	2,473313E+22	2,401062E+22	2,401034E+22	2,473257E+22	2,529466E+22	2,493703E+22	2,375545E+22	2,267525E+22	2,267503E+22	2,375483E+22	2,493635E+22
-783	2,529416E+22	2,473239E+22	2,401053E+22	2,401083E+22	2,473307E+22	2,529488E+22	2,493708E+22	2,375551E+22	2,267550E+22	2,267543E+22	2,375537E+22	2,493707E+22
-782	2,529520E+22	2,473369E+22	2,401169E+22	2,401169E+22	2,473362E+22	2,529498E+22	2,493680E+22	2,375511E+22	2,267532E+22	2,267565E+22	2,375594E+22	2,493761E+22
-781	2,529515E+22	2,473304E+22	2,401067E+22	2,401065E+22	2,473304E+22	2,529497E+22	2,493709E+22	2,375541E+22	2,267542E+22	2,267547E+22	2,375541E+22	2,493684E+22
-780	2,529453E+22	2,473298E+22	2,401130E+22	2,401145E+22	2,473361E+22	2,529542E+22	2,493751E+22	2,375582E+22	2,267579E+22	2,267572E+22	2,375571E+22	2,493766E+22
-779	2,529590E+22	2,473415E+22	2,401190E+22	2,401171E+22	2,473362E+22	2,529523E+22	2,493726E+22	2,375568E+22	2,267580E+22	2,267577E+22	2,375552E+22	2,493691E+22
-778	2,529479E+22	2,473317E+22	2,401106E+22	2,401106E+22	2,473323E+22	2,529503E+22	2,493737E+22	2,375603E+22	2,267613E+22	2,267587E+22	2,375537E+22	2,493666E+22
-777	2,529463E+22	2,473345E+22	2,401198E+22	2,401205E+22	2,473393E+22	2,529535E+22	2,493729E+22	2,375583E+22	2,267614E+22	2,267623E+22	2,375613E+22	2,493777E+22
-776	2,529553E+22	2,473355E+22	2,401146E+22	2,401144E+22	2,473342E+22	2,529509E+22	2,493724E+22	2,375579E+22	2,267592E+22	2,267590E+22	2,375557E+22	2,493680E+22
-775	2,529441E+22	2,473254E+22	2,401063E+22	2,401098E+22	2,473334E+22	2,529521E+22	2,493743E+22	2,375587E+22	2,267585E+22	2,267574E+22	2,375560E+22	2,493718E+22
-774	2,529523E+22	2,473380E+22	2,401180E+22	2,401158E+22	2,473352E+22	2,529510E+22	2,493708E+22	2,375540E+22	2,267546E+22	2,267558E+22	2,375581E+22	2,493770E+22
-773	2,529548E+22	2,473340E+22	2,401095E+22	2,401057E+22	2,473266E+22	2,529468E+22	2,493702E+22	2,375545E+22	2,267540E+22	2,267528E+22	2,375502E+22	2,493645E+22
-772	2,529430E+22	2,473268E+22	2,401095E+22	2,401109E+22	2,473314E+22	2,529489E+22	2,493706E+22	2,375547E+22	2,267546E+22	2,267536E+22	2,375527E+22	2,493711E+22
-771	2,529543E+22	2,473381E+22	2,401155E+22	2,401152E+22	2,473360E+22	2,529501E+22	2,493670E+22	2,375490E+22	2,267497E+22	2,267518E+22	2,375532E+22	2,493688E+22
-770	2,529457E+22	2,473270E+22	2,401042E+22	2,401042E+22	2,473297E+22	2,529499E+22	2,493703E+22	2,375517E+22	2,267494E+22	2,267483E+22	2,375487E+22	2,493654E+22
-769	2,529428E+22	2,473253E+22	2,401086E+22	2,401110E+22	2,473342E+22	2,529527E+22	2,493720E+22	2,375525E+22	2,267504E+22	2,267504E+22	2,375534E+22	2,493755E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-768	2,529563E+22	2,473337E+22	2,401088E+22	2,401080E+22	2,473303E+22	2,529498E+22	2,493716E+22	2,375538E+22	2,267509E+22	2,267494E+22	2,375488E+22	2,493650E+22
-767	2,529439E+22	2,473244E+22	2,401010E+22	2,401021E+22	2,473271E+22	2,529488E+22	2,493726E+22	2,375564E+22	2,267545E+22	2,267522E+22	2,375502E+22	2,493657E+22
-766	2,529464E+22	2,473340E+22	2,401157E+22	2,401134E+22	2,473327E+22	2,529486E+22	2,493688E+22	2,375529E+22	2,267542E+22	2,267556E+22	2,375573E+22	2,493753E+22
-765	2,529533E+22	2,473334E+22	2,401110E+22	2,401088E+22	2,473291E+22	2,529468E+22	2,493681E+22	2,375530E+22	2,267554E+22	2,267566E+22	2,375542E+22	2,493662E+22
-764	2,529418E+22	2,473235E+22	2,401070E+22	2,401112E+22	2,473333E+22	2,529504E+22	2,493714E+22	2,375561E+22	2,267579E+22	2,267584E+22	2,375573E+22	2,493740E+22
-763	2,529555E+22	2,473395E+22	2,401183E+22	2,401187E+22	2,473395E+22	2,529533E+22	2,493706E+22	2,375537E+22	2,267558E+22	2,267580E+22	2,375591E+22	2,493752E+22
-762	2,529530E+22	2,473349E+22	2,401125E+22	2,401102E+22	2,473316E+22	2,529508E+22	2,493739E+22	2,375594E+22	2,267598E+22	2,267572E+22	2,375531E+22	2,493672E+22
-761	2,529459E+22	2,473316E+22	2,401172E+22	2,401180E+22	2,473363E+22	2,529523E+22	2,493748E+22	2,375618E+22	2,267643E+22	2,267627E+22	2,375587E+22	2,493751E+22
-760	2,529583E+22	2,473434E+22	2,401237E+22	2,401220E+22	2,473380E+22	2,529515E+22	2,493731E+22	2,375610E+22	2,267645E+22	2,267641E+22	2,375583E+22	2,493678E+22
-759	2,529449E+22	2,473305E+22	2,401128E+22	2,401140E+22	2,473348E+22	2,529519E+22	2,493747E+22	2,375625E+22	2,267661E+22	2,267649E+22	2,375587E+22	2,493682E+22
-758	2,529449E+22	2,473337E+22	2,401215E+22	2,401224E+22	2,473399E+22	2,529535E+22	2,493730E+22	2,375592E+22	2,267635E+22	2,267651E+22	2,375640E+22	2,493798E+22
-757	2,529578E+22	2,473379E+22	2,401170E+22	2,401163E+22	2,473349E+22	2,529507E+22	2,493721E+22	2,375584E+22	2,267620E+22	2,267629E+22	2,375586E+22	2,493691E+22
-756	2,529453E+22	2,473269E+22	2,401078E+22	2,401104E+22	2,473326E+22	2,529509E+22	2,493741E+22	2,375608E+22	2,267627E+22	2,267612E+22	2,375575E+22	2,493722E+22
-755	2,529541E+22	2,473413E+22	2,401211E+22	2,401183E+22	2,473368E+22	2,529512E+22	2,493705E+22	2,375552E+22	2,267576E+22	2,267587E+22	2,375585E+22	2,493746E+22
-754	2,529531E+22	2,473361E+22	2,401154E+22	2,401116E+22	2,473294E+22	2,529467E+22	2,493699E+22	2,375562E+22	2,267576E+22	2,267559E+22	2,375518E+22	2,493649E+22
-753	2,529421E+22	2,473253E+22	2,401109E+22	2,401145E+22	2,473342E+22	2,529495E+22	2,493697E+22	2,375548E+22	2,267571E+22	2,267574E+22	2,375559E+22	2,493726E+22
-752	2,529550E+22	2,473384E+22	2,401166E+22	2,401170E+22	2,473374E+22	2,529520E+22	2,493700E+22	2,375522E+22	2,267527E+22	2,267545E+22	2,375547E+22	2,493689E+22
-751	2,529457E+22	2,473272E+22	2,401048E+22	2,401048E+22	2,473300E+22	2,529516E+22	2,493736E+22	2,375561E+22	2,267541E+22	2,267520E+22	2,375505E+22	2,493656E+22
-750	2,529432E+22	2,473276E+22	2,401118E+22	2,401121E+22	2,473326E+22	2,529508E+22	2,493721E+22	2,375556E+22	2,267550E+22	2,267539E+22	2,375542E+22	2,493746E+22
-749	2,529572E+22	2,473373E+22	2,401141E+22	2,401120E+22	2,473306E+22	2,529476E+22	2,493698E+22	2,375549E+22	2,267564E+22	2,267565E+22	2,375528E+22	2,493644E+22
-748	2,529422E+22	2,473245E+22	2,401043E+22	2,401065E+22	2,473292E+22	2,529478E+22	2,493711E+22	2,375577E+22	2,267597E+22	2,267588E+22	2,375552E+22	2,493678E+22
-747	2,529474E+22	2,473353E+22	2,401179E+22	2,401173E+22	2,473372E+22	2,529513E+22	2,493691E+22	2,375533E+22	2,267566E+22	2,267594E+22	2,375604E+22	2,493765E+22
-746	2,529537E+22	2,473354E+22	2,401156E+22	2,401136E+22	2,473323E+22	2,529494E+22	2,493709E+22	2,375563E+22	2,267587E+22	2,267590E+22	2,375560E+22	2,493689E+22
-745	2,529447E+22	2,473252E+22	2,401093E+22	2,401138E+22	2,473347E+22	2,529511E+22	2,493729E+22	2,375595E+22	2,267625E+22	2,267621E+22	2,375588E+22	2,493745E+22
-744	2,529580E+22	2,473439E+22	2,401226E+22	2,401209E+22	2,473391E+22	2,529533E+22	2,493735E+22	2,375595E+22	2,267622E+22	2,267626E+22	2,375594E+22	2,493724E+22
-743	2,529511E+22	2,473367E+22	2,401173E+22	2,401144E+22	2,473326E+22	2,529507E+22	2,493755E+22	2,375643E+22	2,267672E+22	2,267643E+22	2,375564E+22	2,493658E+22
-742	2,529431E+22	2,473319E+22	2,401214E+22	2,401229E+22	2,473379E+22	2,529505E+22	2,493728E+22	2,375630E+22	2,267690E+22	2,267685E+22	2,375626E+22	2,493755E+22
-741	2,529570E+22	2,473433E+22	2,401261E+22	2,401260E+22	2,473410E+22	2,529519E+22	2,493715E+22	2,375601E+22	2,267678E+22	2,267706E+22	2,375641E+22	2,493705E+22
-740	2,529446E+22	2,473290E+22	2,401124E+22	2,401149E+22	2,473357E+22	2,529527E+22	2,493755E+22	2,375638E+22	2,267689E+22	2,267688E+22	2,375628E+22	2,493720E+22
-739	2,529487E+22	2,473361E+22	2,401216E+22	2,401224E+22	2,473404E+22	2,529542E+22	2,493740E+22	2,375608E+22	2,267654E+22	2,267662E+22	2,375639E+22	2,493795E+22
-738	2,529595E+22	2,473425E+22	2,401222E+22	2,401192E+22	2,473347E+22	2,529498E+22	2,493729E+22	2,375614E+22	2,267655E+22	2,267644E+22	2,375580E+22	2,493689E+22
-737	2,529463E+22	2,473292E+22	2,401118E+22	2,401142E+22	2,473330E+22	2,529485E+22	2,493720E+22	2,375616E+22	2,267662E+22	2,267649E+22	2,375587E+22	2,493710E+22
-736	2,529536E+22	2,473433E+22	2,401252E+22	2,401230E+22	2,473390E+22	2,529515E+22	2,493710E+22	2,375573E+22	2,267610E+22	2,267622E+22	2,375600E+22	2,493729E+22
-735	2,529500E+22	2,473349E+22	2,401175E+22	2,401158E+22	2,473332E+22	2,529499E+22	2,493723E+22	2,375585E+22	2,267608E+22	2,267597E+22	2,375548E+22	2,493654E+22
-734	2,529407E+22	2,473245E+22	2,401119E+22	2,401164E+22	2,473354E+22	2,529506E+22	2,493715E+22	2,375572E+22	2,267596E+22	2,267595E+22	2,375573E+22	2,493732E+22
-733	2,529559E+22	2,473400E+22	2,401183E+22	2,401187E+22	2,473383E+22	2,529526E+22	2,493711E+22	2,375548E+22	2,267574E+22	2,267595E+22	2,375573E+22	2,493690E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-732	2,529457E+22	2,473283E+22	2,401061E+22	2,401052E+22	2,473287E+22	2,529505E+22	2,493747E+22	2,375602E+22	2,267605E+22	2,267580E+22	2,375536E+22	2,493663E+22
-731	2,529442E+22	2,473302E+22	2,401143E+22	2,401145E+22	2,473331E+22	2,529495E+22	2,493716E+22	2,375580E+22	2,267602E+22	2,267593E+22	2,375570E+22	2,493740E+22
-730	2,529561E+22	2,473398E+22	2,401197E+22	2,401178E+22	2,473331E+22	2,529468E+22	2,493686E+22	2,375566E+22	2,267609E+22	2,267613E+22	2,375569E+22	2,493675E+22
-729	2,529432E+22	2,473245E+22	2,401060E+22	2,401101E+22	2,473316E+22	2,529477E+22	2,493695E+22	2,375574E+22	2,267624E+22	2,267632E+22	2,375594E+22	2,493710E+22
-728	2,529503E+22	2,473382E+22	2,401209E+22	2,401202E+22	2,473384E+22	2,529526E+22	2,493718E+22	2,375564E+22	2,267594E+22	2,267617E+22	2,375617E+22	2,493770E+22
-727	2,529547E+22	2,473381E+22	2,401193E+22	2,401170E+22	2,473337E+22	2,529506E+22	2,493737E+22	2,375605E+22	2,267633E+22	2,267621E+22	2,375566E+22	2,493676E+22
-726	2,529444E+22	2,473287E+22	2,401145E+22	2,401171E+22	2,473346E+22	2,529497E+22	2,493732E+22	2,375628E+22	2,267676E+22	2,267658E+22	2,375590E+22	2,493719E+22
-725	2,529565E+22	2,473467E+22	2,401287E+22	2,401270E+22	2,473417E+22	2,529526E+22	2,493723E+22	2,375612E+22	2,267685E+22	2,267701E+22	2,375630E+22	2,493709E+22
-724	2,529478E+22	2,473353E+22	2,401193E+22	2,401186E+22	2,473356E+22	2,529515E+22	2,493757E+22	2,375667E+22	2,267730E+22	2,267714E+22	2,375618E+22	2,493678E+22
-723	2,529429E+22	2,473313E+22	2,401213E+22	2,401254E+22	2,473416E+22	2,529532E+22	2,493742E+22	2,375646E+22	2,267722E+22	2,267726E+22	2,375662E+22	2,493774E+22
-722	2,529574E+22	2,473445E+22	2,401285E+22	2,401288E+22	2,473427E+22	2,529533E+22	2,493737E+22	2,375634E+22	2,267710E+22	2,267726E+22	2,375665E+22	2,493744E+22
-721	2,529480E+22	2,473306E+22	2,401131E+22	2,401154E+22	2,473351E+22	2,529514E+22	2,493754E+22	2,375662E+22	2,267726E+22	2,267718E+22	2,375642E+22	2,493733E+22
-720	2,529518E+22	2,473412E+22	2,401261E+22	2,401238E+22	2,473385E+22	2,529526E+22	2,493754E+22	2,375644E+22	2,267696E+22	2,267693E+22	2,375641E+22	2,493774E+22
-719	2,529580E+22	2,473448E+22	2,401274E+22	2,401240E+22	2,473358E+22	2,529487E+22	2,493729E+22	2,375639E+22	2,267703E+22	2,267690E+22	2,375600E+22	2,493671E+22
-718	2,529437E+22	2,473302E+22	2,401159E+22	2,401190E+22	2,473354E+22	2,529477E+22	2,493701E+22	2,375616E+22	2,267688E+22	2,267683E+22	2,375609E+22	2,493708E+22
-717	2,529520E+22	2,473433E+22	2,401274E+22	2,401269E+22	2,473428E+22	2,529534E+22	2,493705E+22	2,375568E+22	2,267635E+22	2,267667E+22	2,375632E+22	2,493738E+22
-716	2,529490E+22	2,473334E+22	2,401166E+22	2,401165E+22	2,473346E+22	2,529518E+22	2,493751E+22	2,375617E+22	2,267643E+22	2,267629E+22	2,375572E+22	2,493676E+22
-715	2,529431E+22	2,473263E+22	2,401114E+22	2,401163E+22	2,473359E+22	2,529511E+22	2,493735E+22	2,375608E+22	2,267634E+22	2,267618E+22	2,375575E+22	2,493724E+22
-714	2,529558E+22	2,473431E+22	2,401227E+22	2,401215E+22	2,473378E+22	2,529511E+22	2,493720E+22	2,375590E+22	2,267628E+22	2,267629E+22	2,375588E+22	2,493700E+22
-713	2,529461E+22	2,473298E+22	2,401096E+22	2,401088E+22	2,473289E+22	2,529474E+22	2,493722E+22	2,375615E+22	2,267656E+22	2,267641E+22	2,375575E+22	2,493672E+22
-712	2,529446E+22	2,473330E+22	2,401186E+22	2,401183E+22	2,473341E+22	2,529487E+22	2,493714E+22	2,375594E+22	2,267638E+22	2,267641E+22	2,375604E+22	2,493744E+22
-711	2,529545E+22	2,473401E+22	2,401229E+22	2,401223E+22	2,473366E+22	2,529489E+22	2,493701E+22	2,375584E+22	2,267642E+22	2,267655E+22	2,375603E+22	2,493691E+22
-710	2,529438E+22	2,473265E+22	2,401092E+22	2,401135E+22	2,473336E+22	2,529482E+22	2,493702E+22	2,375592E+22	2,267649E+22	2,267652E+22	2,375603E+22	2,493716E+22
-709	2,529518E+22	2,473413E+22	2,401245E+22	2,401237E+22	2,473407E+22	2,529535E+22	2,493724E+22	2,375589E+22	2,267645E+22	2,267664E+22	2,375629E+22	2,493759E+22
-708	2,529540E+22	2,473397E+22	2,401223E+22	2,401198E+22	2,473348E+22	2,529510E+22	2,493758E+22	2,375655E+22	2,267702E+22	2,267682E+22	2,375593E+22	2,493673E+22
-707	2,529439E+22	2,473304E+22	2,401174E+22	2,401212E+22	2,473370E+22	2,529494E+22	2,493736E+22	2,375661E+22	2,267735E+22	2,267717E+22	2,375621E+22	2,493710E+22
-706	2,529535E+22	2,473469E+22	2,401328E+22	2,401325E+22	2,473452E+22	2,529533E+22	2,493726E+22	2,375638E+22	2,267735E+22	2,267753E+22	2,375678E+22	2,493746E+22
-705	2,529482E+22	2,473343E+22	2,401195E+22	2,401204E+22	2,473373E+22	2,529516E+22	2,493752E+22	2,375675E+22	2,267766E+22	2,267765E+22	2,375665E+22	2,493718E+22
-704	2,529463E+22	2,473342E+22	2,401229E+22	2,401254E+22	2,473403E+22	2,529532E+22	2,493767E+22	2,375679E+22	2,267752E+22	2,267750E+22	2,375677E+22	2,493785E+22
-703	2,529592E+22	2,473477E+22	2,401318E+22	2,401306E+22	2,473424E+22	2,529527E+22	2,493751E+22	2,375670E+22	2,267755E+22	2,267755E+22	2,375669E+22	2,493736E+22
-702	2,529489E+22	2,473354E+22	2,401188E+22	2,401186E+22	2,473344E+22	2,529484E+22	2,493736E+22	2,375675E+22	2,267760E+22	2,267743E+22	2,375639E+22	2,493713E+22
-701	2,529510E+22	2,473444E+22	2,401323E+22	2,401302E+22	2,473415E+22	2,529514E+22	2,493727E+22	2,375643E+22	2,267737E+22	2,267746E+22	2,375662E+22	2,493758E+22
-700	2,529549E+22	2,473437E+22	2,401297E+22	2,401286E+22	2,473400E+22	2,529506E+22	2,493734E+22	2,375653E+22	2,267738E+22	2,267736E+22	2,375635E+22	2,493682E+22
-699	2,529427E+22	2,473292E+22	2,401158E+22	2,401217E+22	2,473396E+22	2,529509E+22	2,493724E+22	2,375636E+22	2,267712E+22	2,267708E+22	2,375627E+22	2,493712E+22
-698	2,529509E+22	2,473432E+22	2,401291E+22	2,401295E+22	2,473452E+22	2,529556E+22	2,493738E+22	2,375611E+22	2,267673E+22	2,267685E+22	2,375647E+22	2,493764E+22
-697	2,529508E+22	2,473340E+22	2,401163E+22	2,401157E+22	2,473336E+22	2,529508E+22	2,493756E+22	2,375653E+22	2,267698E+22	2,267674E+22	2,375592E+22	2,493685E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-696	2,529451E+22	2,473302E+22	2,401148E+22	2,401164E+22	2,473331E+22	2,529491E+22	2,493749E+22	2,375649E+22	2,267690E+22	2,267667E+22	2,375594E+22	2,493715E+22
-695	2,529543E+22	2,473445E+22	2,401272E+22	2,401257E+22	2,473384E+22	2,529488E+22	2,493707E+22	2,375612E+22	2,267681E+22	2,267688E+22	2,375625E+22	2,493702E+22
-694	2,529449E+22	2,473310E+22	2,401133E+22	2,401129E+22	2,473308E+22	2,529457E+22	2,493689E+22	2,375602E+22	2,267678E+22	2,267680E+22	2,375610E+22	2,493691E+22
-693	2,529451E+22	2,473345E+22	2,401221E+22	2,401228E+22	2,473379E+22	2,529498E+22	2,493697E+22	2,375581E+22	2,267658E+22	2,267681E+22	2,375635E+22	2,493763E+22
-692	2,529555E+22	2,473409E+22	2,401241E+22	2,401243E+22	2,473387E+22	2,529508E+22	2,493725E+22	2,375614E+22	2,267674E+22	2,267681E+22	2,375618E+22	2,493705E+22
-691	2,529462E+22	2,473298E+22	2,401117E+22	2,401160E+22	2,473355E+22	2,529493E+22	2,493724E+22	2,375634E+22	2,267694E+22	2,267676E+22	2,375595E+22	2,493693E+22
-690	2,529506E+22	2,473445E+22	2,401306E+22	2,401289E+22	2,473427E+22	2,529536E+22	2,493741E+22	2,375639E+22	2,267708E+22	2,267704E+22	2,375639E+22	2,493755E+22
-689	2,529527E+22	2,473400E+22	2,401255E+22	2,401240E+22	2,473369E+22	2,529500E+22	2,493751E+22	2,375685E+22	2,267769E+22	2,267754E+22	2,375634E+22	2,493679E+22
-688	2,529434E+22	2,473318E+22	2,401205E+22	2,401239E+22	2,473384E+22	2,529506E+22	2,493756E+22	2,375693E+22	2,267785E+22	2,267775E+22	2,375664E+22	2,493723E+22
-687	2,529521E+22	2,473460E+22	2,401348E+22	2,401356E+22	2,473474E+22	2,529551E+22	2,493749E+22	2,375672E+22	2,267783E+22	2,267803E+22	2,375717E+22	2,493769E+22
-686	2,529498E+22	2,473367E+22	2,401220E+22	2,401220E+22	2,473374E+22	2,529507E+22	2,493751E+22	2,375695E+22	2,267800E+22	2,267796E+22	2,375684E+22	2,493735E+22
-685	2,529491E+22	2,473386E+22	2,401273E+22	2,401280E+22	2,473409E+22	2,529518E+22	2,493751E+22	2,375693E+22	2,267802E+22	2,267800E+22	2,375691E+22	2,493778E+22
-684	2,529592E+22	2,473502E+22	2,401358E+22	2,401335E+22	2,473430E+22	2,529518E+22	2,493754E+22	2,375701E+22	2,267808E+22	2,267806E+22	2,375691E+22	2,493733E+22
-683	2,529486E+22	2,473372E+22	2,401229E+22	2,401240E+22	2,473378E+22	2,529479E+22	2,493725E+22	2,375688E+22	2,267797E+22	2,267782E+22	2,375656E+22	2,493701E+22
-682	2,529480E+22	2,473438E+22	2,401359E+22	2,401358E+22	2,473463E+22	2,529535E+22	2,493731E+22	2,375656E+22	2,267763E+22	2,267772E+22	2,375690E+22	2,493783E+22
-681	2,529547E+22	2,473418E+22	2,401291E+22	2,401299E+22	2,473424E+22	2,529525E+22	2,493744E+22	2,375667E+22	2,267764E+22	2,267770E+22	2,375664E+22	2,493707E+22
-680	2,529451E+22	2,473312E+22	2,401166E+22	2,401202E+22	2,473379E+22	2,529517E+22	2,493761E+22	2,375674E+22	2,267742E+22	2,267728E+22	2,375633E+22	2,493710E+22
-679	2,529507E+22	2,473441E+22	2,401310E+22	2,401300E+22	2,473443E+22	2,529550E+22	2,493754E+22	2,375654E+22	2,267727E+22	2,267724E+22	2,375653E+22	2,493751E+22
-678	2,529508E+22	2,473373E+22	2,401206E+22	2,401177E+22	2,473323E+22	2,529472E+22	2,493730E+22	2,375663E+22	2,267741E+22	2,267717E+22	2,375607E+22	2,493677E+22
-677	2,529447E+22	2,473325E+22	2,401198E+22	2,401212E+22	2,473350E+22	2,529466E+22	2,493706E+22	2,375641E+22	2,267735E+22	2,267728E+22	2,375628E+22	2,493717E+22
-676	2,529529E+22	2,473440E+22	2,401293E+22	2,401292E+22	2,473417E+22	2,529502E+22	2,493707E+22	2,375620E+22	2,267713E+22	2,267734E+22	2,375665E+22	2,493730E+22
-675	2,529461E+22	2,473316E+22	2,401152E+22	2,401166E+22	2,473346E+22	2,529478E+22	2,493703E+22	2,375616E+22	2,267695E+22	2,267697E+22	2,375621E+22	2,493700E+22
-674	2,529457E+22	2,473363E+22	2,401258E+22	2,401268E+22	2,473411E+22	2,529523E+22	2,493727E+22	2,375621E+22	2,267691E+22	2,267693E+22	2,375639E+22	2,493777E+22
-673	2,529572E+22	2,473429E+22	2,401264E+22	2,401258E+22	2,473395E+22	2,529512E+22	2,493740E+22	2,375655E+22	2,267735E+22	2,267729E+22	2,375631E+22	2,493698E+22
-672	2,529469E+22	2,473339E+22	2,401169E+22	2,401177E+22	2,473344E+22	2,529489E+22	2,493752E+22	2,375687E+22	2,267765E+22	2,267738E+22	2,375616E+22	2,493673E+22
-671	2,529473E+22	2,473440E+22	2,401350E+22	2,401342E+22	2,473453E+22	2,529534E+22	2,493745E+22	2,375680E+22	2,267785E+22	2,267782E+22	2,375683E+22	2,493753E+22
-670	2,529511E+22	2,473404E+22	2,401282E+22	2,401274E+22	2,473391E+22	2,529493E+22	2,493732E+22	2,375690E+22	2,267814E+22	2,267815E+22	2,375684E+22	2,493708E+22
-669	2,529446E+22	2,473331E+22	2,401232E+22	2,401269E+22	2,473405E+22	2,529507E+22	2,493742E+22	2,375698E+22	2,267825E+22	2,267830E+22	2,375705E+22	2,493753E+22
-668	2,529543E+22	2,473474E+22	2,401362E+22	2,401364E+22	2,473477E+22	2,529553E+22	2,493764E+22	2,375704E+22	2,267823E+22	2,267839E+22	2,375742E+22	2,493791E+22
-667	2,529531E+22	2,473405E+22	2,401260E+22	2,401251E+22	2,473382E+22	2,529496E+22	2,493751E+22	2,375718E+22	2,267837E+22	2,267821E+22	2,375682E+22	2,493720E+22
-666	2,529489E+22	2,473424E+22	2,401345E+22	2,401344E+22	2,473436E+22	2,529515E+22	2,493748E+22	2,375714E+22	2,267840E+22	2,267829E+22	2,375703E+22	2,493776E+22
-665	2,529583E+22	2,473507E+22	2,401390E+22	2,401378E+22	2,473462E+22	2,529519E+22	2,493741E+22	2,375709E+22	2,267848E+22	2,267856E+22	2,375720E+22	2,493732E+22
-664	2,529478E+22	2,473380E+22	2,401258E+22	2,401263E+22	2,473402E+22	2,529511E+22	2,493755E+22	2,375710E+22	2,267827E+22	2,267816E+22	2,375679E+22	2,493702E+22
-663	2,529459E+22	2,473416E+22	2,401368E+22	2,401384E+22	2,473491E+22	2,529563E+22	2,493764E+22	2,375694E+22	2,267803E+22	2,267804E+22	2,375703E+22	2,493783E+22
-662	2,529552E+22	2,473426E+22	2,401295E+22	2,401297E+22	2,473418E+22	2,529519E+22	2,493751E+22	2,375693E+22	2,267801E+22	2,267797E+22	2,375674E+22	2,493712E+22
-661	2,529468E+22	2,473340E+22	2,401195E+22	2,401209E+22	2,473368E+22	2,529499E+22	2,493747E+22	2,375696E+22	2,267800E+22	2,267780E+22	2,375650E+22	2,493704E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-660	2,529505E+22	2,473453E+22	2,401336E+22	2,401312E+22	2,473430E+22	2,529528E+22	2,493749E+22	2,375681E+22	2,267781E+22	2,267782E+22	2,375687E+22	2,493756E+22
-659	2,529509E+22	2,473382E+22	2,401241E+22	2,401223E+22	2,473343E+22	2,529454E+22	2,493704E+22	2,375662E+22	2,267771E+22	2,267761E+22	2,375637E+22	2,493682E+22
-658	2,529438E+22	2,473331E+22	2,401238E+22	2,401267E+22	2,473394E+22	2,529481E+22	2,493696E+22	2,375635E+22	2,267745E+22	2,267751E+22	2,375660E+22	2,493750E+22
-657	2,529544E+22	2,473440E+22	2,401300E+22	2,401308E+22	2,473439E+22	2,529517E+22	2,493714E+22	2,375630E+22	2,267734E+22	2,267760E+22	2,375685E+22	2,493749E+22
-656	2,529493E+22	2,473355E+22	2,401186E+22	2,401172E+22	2,473344E+22	2,529497E+22	2,493743E+22	2,375658E+22	2,267730E+22	2,267716E+22	2,375616E+22	2,493685E+22
-655	2,529452E+22	2,473380E+22	2,401301E+22	2,401302E+22	2,473423E+22	2,529529E+22	2,493753E+22	2,375677E+22	2,267759E+22	2,267739E+22	2,375636E+22	2,493742E+22
-654	2,529559E+22	2,473457E+22	2,401316E+22	2,401299E+22	2,473403E+22	2,529495E+22	2,493730E+22	2,375683E+22	2,267797E+22	2,267791E+22	2,375657E+22	2,493686E+22
-653	2,529453E+22	2,473351E+22	2,401220E+22	2,401231E+22	2,473374E+22	2,529482E+22	2,493729E+22	2,375701E+22	2,267833E+22	2,267820E+22	2,375666E+22	2,493680E+22
-652	2,529454E+22	2,473422E+22	2,401360E+22	2,401368E+22	2,473482E+22	2,529555E+22	2,493760E+22	2,375707E+22	2,267837E+22	2,267851E+22	2,375742E+22	2,493790E+22
-651	2,529529E+22	2,473406E+22	2,401299E+22	2,401307E+22	2,473415E+22	2,529503E+22	2,493741E+22	2,375712E+22	2,267849E+22	2,267853E+22	2,375714E+22	2,493732E+22
-650	2,529470E+22	2,473357E+22	2,401267E+22	2,401301E+22	2,473425E+22	2,529515E+22	2,493754E+22	2,375726E+22	2,267858E+22	2,267853E+22	2,375725E+22	2,493778E+22
-649	2,529572E+22	2,473507E+22	2,401394E+22	2,401380E+22	2,473475E+22	2,529544E+22	2,493765E+22	2,375732E+22	2,267875E+22	2,267886E+22	2,375760E+22	2,493792E+22
-648	2,529548E+22	2,473454E+22	2,401325E+22	2,401282E+22	2,473376E+22	2,529490E+22	2,493762E+22	2,375746E+22	2,267880E+22	2,267862E+22	2,375695E+22	2,493698E+22
-647	2,529459E+22	2,473419E+22	2,401388E+22	2,401403E+22	2,473474E+22	2,529524E+22	2,493750E+22	2,375737E+22	2,267887E+22	2,267879E+22	2,375723E+22	2,493761E+22
-646	2,529566E+22	2,473508E+22	2,401409E+22	2,401409E+22	2,473490E+22	2,529532E+22	2,493734E+22	2,375707E+22	2,267870E+22	2,267891E+22	2,375748E+22	2,493745E+22
-645	2,529483E+22	2,473384E+22	2,401272E+22	2,401279E+22	2,473414E+22	2,529518E+22	2,493756E+22	2,375726E+22	2,267863E+22	2,267852E+22	2,375698E+22	2,493710E+22
-644	2,529467E+22	2,473413E+22	2,401362E+22	2,401375E+22	2,473481E+22	2,529567E+22	2,493790E+22	2,375737E+22	2,267850E+22	2,267838E+22	2,375718E+22	2,493788E+22
-643	2,529567E+22	2,473446E+22	2,401323E+22	2,401317E+22	2,473408E+22	2,529494E+22	2,493744E+22	2,375718E+22	2,267843E+22	2,267830E+22	2,375678E+22	2,493697E+22
-642	2,529462E+22	2,473364E+22	2,401250E+22	2,401259E+22	2,473381E+22	2,529481E+22	2,493730E+22	2,375706E+22	2,267830E+22	2,267816E+22	2,375677E+22	2,493712E+22
-641	2,529501E+22	2,473457E+22	2,401361E+22	2,401345E+22	2,473448E+22	2,529520E+22	2,493728E+22	2,375679E+22	2,267813E+22	2,267833E+22	2,375727E+22	2,493771E+22
-640	2,529516E+22	2,473402E+22	2,401276E+22	2,401247E+22	2,473360E+22	2,529479E+22	2,493724E+22	2,375671E+22	2,267788E+22	2,267787E+22	2,375659E+22	2,493689E+22
-639	2,529432E+22	2,473327E+22	2,401263E+22	2,401307E+22	2,473428E+22	2,529511E+22	2,493727E+22	2,375670E+22	2,267781E+22	2,267778E+22	2,375664E+22	2,493742E+22
-638	2,529558E+22	2,473468E+22	2,401323E+22	2,401324E+22	2,473448E+22	2,529524E+22	2,493724E+22	2,375658E+22	2,267776E+22	2,267791E+22	2,375690E+22	2,493741E+22
-637	2,529502E+22	2,473390E+22	2,401234E+22	2,401204E+22	2,473350E+22	2,529489E+22	2,493742E+22	2,375697E+22	2,267805E+22	2,267778E+22	2,375635E+22	2,493669E+22
-636	2,529435E+22	2,473379E+22	2,401330E+22	2,401335E+22	2,473432E+22	2,529525E+22	2,493766E+22	2,375724E+22	2,267835E+22	2,267817E+22	2,375683E+22	2,493745E+22
-635	2,529542E+22	2,473447E+22	2,401346E+22	2,401352E+22	2,473432E+22	2,529490E+22	2,493718E+22	2,375699E+22	2,267848E+22	2,267857E+22	2,375707E+22	2,493705E+22
-634	2,529449E+22	2,473352E+22	2,401251E+22	2,401279E+22	2,473411E+22	2,529501E+22	2,493732E+22	2,375708E+22	2,267857E+22	2,267864E+22	2,375722E+22	2,493730E+22
-633	2,529484E+22	2,473432E+22	2,401363E+22	2,401370E+22	2,473480E+22	2,529556E+22	2,493767E+22	2,375725E+22	2,267870E+22	2,267891E+22	2,375776E+22	2,493821E+22
-632	2,529574E+22	2,473460E+22	2,401338E+22	2,401309E+22	2,473402E+22	2,529507E+22	2,493765E+22	2,375744E+22	2,267885E+22	2,267876E+22	2,375717E+22	2,493725E+22
-631	2,529479E+22	2,473394E+22	2,401327E+22	2,401350E+22	2,473438E+22	2,529510E+22	2,493760E+22	2,375762E+22	2,267913E+22	2,267891E+22	2,375718E+22	2,493745E+22
-630	2,529568E+22	2,473543E+22	2,401449E+22	2,401429E+22	2,473490E+22	2,529527E+22	2,493745E+22	2,375741E+22	2,267916E+22	2,267931E+22	2,375776E+22	2,493776E+22
-629	2,529531E+22	2,473468E+22	2,401377E+22	2,401344E+22	2,473416E+22	2,529495E+22	2,493748E+22	2,375758E+22	2,267930E+22	2,267916E+22	2,375725E+22	2,493694E+22
-628	2,529435E+22	2,473395E+22	2,401392E+22	2,401429E+22	2,473504E+22	2,529555E+22	2,493781E+22	2,375770E+22	2,267929E+22	2,267924E+22	2,375759E+22	2,493773E+22
-627	2,529562E+22	2,473496E+22	2,401415E+22	2,401435E+22	2,473507E+22	2,529544E+22	2,493755E+22	2,375736E+22	2,267902E+22	2,267918E+22	2,375763E+22	2,493752E+22
-626	2,529492E+22	2,473400E+22	2,401293E+22	2,401298E+22	2,473421E+22	2,529524E+22	2,493771E+22	2,375756E+22	2,267897E+22	2,267881E+22	2,375720E+22	2,493724E+22
-625	2,529481E+22	2,473431E+22	2,401373E+22	2,401369E+22	2,473457E+22	2,529545E+22	2,493787E+22	2,375766E+22	2,267904E+22	2,267893E+22	2,375747E+22	2,493791E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-624	2,529577E+22	2,473482E+22	2,401368E+22	2,401336E+22	2,473396E+22	2,529478E+22	2,493741E+22	2,375735E+22	2,267884E+22	2,267877E+22	2,375707E+22	2,493693E+22
-623	2,529443E+22	2,473362E+22	2,401284E+22	2,401314E+22	2,473416E+22	2,529482E+22	2,493717E+22	2,375711E+22	2,267864E+22	2,267860E+22	2,375703E+22	2,493714E+22
-622	2,529504E+22	2,473468E+22	2,401379E+22	2,401373E+22	2,473470E+22	2,529526E+22	2,493716E+22	2,375667E+22	2,267821E+22	2,267857E+22	2,375755E+22	2,493793E+22
-621	2,529536E+22	2,473425E+22	2,401307E+22	2,401277E+22	2,473377E+22	2,529486E+22	2,493728E+22	2,375688E+22	2,267817E+22	2,267809E+22	2,375668E+22	2,493691E+22
-620	2,529439E+22	2,473338E+22	2,401276E+22	2,401318E+22	2,473433E+22	2,529525E+22	2,493761E+22	2,375719E+22	2,267833E+22	2,267812E+22	2,375672E+22	2,493729E+22
-619	2,529554E+22	2,473488E+22	2,401369E+22	2,401368E+22	2,473457E+22	2,529515E+22	2,493730E+22	2,375693E+22	2,267830E+22	2,267834E+22	2,375697E+22	2,493720E+22
-618	2,529487E+22	2,473405E+22	2,401284E+22	2,401263E+22	2,473378E+22	2,529488E+22	2,493740E+22	2,375720E+22	2,267852E+22	2,267835E+22	2,375678E+22	2,493678E+22
-617	2,529423E+22	2,473372E+22	2,401338E+22	2,401359E+22	2,473451E+22	2,529530E+22	2,493765E+22	2,375744E+22	2,267889E+22	2,267887E+22	2,375741E+22	2,493773E+22
-616	2,529552E+22	2,473464E+22	2,401370E+22	2,401367E+22	2,473441E+22	2,529510E+22	2,493742E+22	2,375721E+22	2,267882E+22	2,267898E+22	2,375745E+22	2,493727E+22
-615	2,529457E+22	2,473358E+22	2,401275E+22	2,401312E+22	2,473430E+22	2,529512E+22	2,493752E+22	2,375745E+22	2,267902E+22	2,267898E+22	2,375734E+22	2,493735E+22
-614	2,529516E+22	2,473480E+22	2,401396E+22	2,401386E+22	2,473476E+22	2,529543E+22	2,493762E+22	2,375745E+22	2,267912E+22	2,267927E+22	2,375789E+22	2,493821E+22
-613	2,529593E+22	2,473514E+22	2,401406E+22	2,401355E+22	2,473403E+22	2,529483E+22	2,493751E+22	2,375772E+22	2,267947E+22	2,267929E+22	2,375731E+22	2,493706E+22
-612	2,529462E+22	2,473405E+22	2,401371E+22	2,401400E+22	2,473461E+22	2,529510E+22	2,493766E+22	2,375797E+22	2,267974E+22	2,267954E+22	2,375752E+22	2,493737E+22
-611	2,529541E+22	2,473535E+22	2,401487E+22	2,401494E+22	2,473532E+22	2,529534E+22	2,493738E+22	2,375750E+22	2,267952E+22	2,267975E+22	2,375806E+22	2,493781E+22
-610	2,529519E+22	2,473461E+22	2,401397E+22	2,401390E+22	2,473459E+22	2,529525E+22	2,493765E+22	2,375770E+22	2,267946E+22	2,267947E+22	2,375764E+22	2,493724E+22
-609	2,529447E+22	2,473392E+22	2,401377E+22	2,401422E+22	2,473501E+22	2,529564E+22	2,493804E+22	2,375804E+22	2,267968E+22	2,267961E+22	2,375786E+22	2,493792E+22
-608	2,529584E+22	2,473529E+22	2,401436E+22	2,401425E+22	2,473487E+22	2,529545E+22	2,493778E+22	2,375774E+22	2,267944E+22	2,267946E+22	2,375770E+22	2,493744E+22
-607	2,529487E+22	2,473422E+22	2,401335E+22	2,401333E+22	2,473423E+22	2,529508E+22	2,493770E+22	2,375787E+22	2,267950E+22	2,267926E+22	2,375726E+22	2,493705E+22
-606	2,529481E+22	2,473462E+22	2,401410E+22	2,401402E+22	2,473460E+22	2,529516E+22	2,493753E+22	2,375760E+22	2,267936E+22	2,267940E+22	2,375779E+22	2,493795E+22
-605	2,529572E+22	2,473500E+22	2,401410E+22	2,401385E+22	2,473424E+22	2,529473E+22	2,493719E+22	2,375735E+22	2,267917E+22	2,267917E+22	2,375738E+22	2,493705E+22
-604	2,529437E+22	2,473354E+22	2,401292E+22	2,401342E+22	2,473446E+22	2,529510E+22	2,493743E+22	2,375735E+22	2,267890E+22	2,267887E+22	2,375728E+22	2,493730E+22
-603	2,529507E+22	2,473468E+22	2,401396E+22	2,401407E+22	2,473491E+22	2,529538E+22	2,493735E+22	2,375694E+22	2,267845E+22	2,267868E+22	2,375754E+22	2,493793E+22
-602	2,529546E+22	2,473451E+22	2,401341E+22	2,401313E+22	2,473398E+22	2,529502E+22	2,493752E+22	2,375722E+22	2,267850E+22	2,267837E+22	2,375684E+22	2,493691E+22
-601	2,529442E+22	2,473358E+22	2,401294E+22	2,401325E+22	2,473419E+22	2,529512E+22	2,493772E+22	2,375762E+22	2,267899E+22	2,267875E+22	2,375702E+22	2,493721E+22
-600	2,529540E+22	2,473506E+22	2,401406E+22	2,401394E+22	2,473460E+22	2,529512E+22	2,493736E+22	2,375723E+22	2,267887E+22	2,267895E+22	2,375735E+22	2,493718E+22
-599	2,529462E+22	2,473396E+22	2,401311E+22	2,401315E+22	2,473415E+22	2,529495E+22	2,493737E+22	2,375739E+22	2,267903E+22	2,267896E+22	2,375716E+22	2,493693E+22
-598	2,529437E+22	2,473388E+22	2,401346E+22	2,401371E+22	2,473455E+22	2,529524E+22	2,493755E+22	2,375745E+22	2,267915E+22	2,267929E+22	2,375782E+22	2,493808E+22
-597	2,529584E+22	2,473501E+22	2,401405E+22	2,401391E+22	2,473442E+22	2,529496E+22	2,493741E+22	2,375750E+22	2,267926E+22	2,267929E+22	2,375761E+22	2,493739E+22
-596	2,529476E+22	2,473392E+22	2,401311E+22	2,401336E+22	2,473432E+22	2,529508E+22	2,493768E+22	2,375787E+22	2,267955E+22	2,267937E+22	2,375744E+22	2,493726E+22
-595	2,529514E+22	2,473510E+22	2,401464E+22	2,401451E+22	2,473491E+22	2,529525E+22	2,493752E+22	2,375766E+22	2,267957E+22	2,267966E+22	2,375796E+22	2,493800E+22
-594	2,529576E+22	2,473535E+22	2,401470E+22	2,401437E+22	2,473456E+22	2,529496E+22	2,493748E+22	2,375782E+22	2,267979E+22	2,267978E+22	2,375769E+22	2,493708E+22
-593	2,529442E+22	2,473399E+22	2,401382E+22	2,401431E+22	2,473495E+22	2,529533E+22	2,493781E+22	2,375821E+22	2,268021E+22	2,268013E+22	2,375797E+22	2,493752E+22
-592	2,529533E+22	2,473537E+22	2,401501E+22	2,401509E+22	2,473555E+22	2,529572E+22	2,493776E+22	2,375785E+22	2,267989E+22	2,268009E+22	2,375831E+22	2,493793E+22
-591	2,529518E+22	2,473458E+22	2,401405E+22	2,401413E+22	2,473480E+22	2,529542E+22	2,493796E+22	2,375820E+22	2,268001E+22	2,267984E+22	2,375771E+22	2,493727E+22
-590	2,529472E+22	2,473424E+22	2,401387E+22	2,401413E+22	2,473481E+22	2,529543E+22	2,493802E+22	2,375831E+22	2,268017E+22	2,268005E+22	2,375808E+22	2,493800E+22
-589	2,529598E+22	2,473570E+22	2,401485E+22	2,401452E+22	2,473471E+22	2,529504E+22	2,493759E+22	2,375801E+22	2,268002E+22	2,267997E+22	2,375795E+22	2,493743E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-588	2,529475E+22	2,473427E+22	2,401365E+22	2,401369E+22	2,473436E+22	2,529494E+22	2,493759E+22	2,375803E+22	2,267994E+22	2,267978E+22	2,375766E+22	2,493716E+22
-587	2,529467E+22	2,473461E+22	2,401447E+22	2,401455E+22	2,473491E+22	2,529513E+22	2,493732E+22	2,375746E+22	2,267946E+22	2,267966E+22	2,375805E+22	2,493814E+22
-586	2,529579E+22	2,473511E+22	2,401435E+22	2,401425E+22	2,473461E+22	2,529496E+22	2,493727E+22	2,375729E+22	2,267910E+22	2,267926E+22	2,375759E+22	2,493726E+22
-585	2,529454E+22	2,473368E+22	2,401291E+22	2,401340E+22	2,473446E+22	2,529520E+22	2,493768E+22	2,375769E+22	2,267924E+22	2,267908E+22	2,375733E+22	2,493730E+22
-584	2,529517E+22	2,473505E+22	2,401430E+22	2,401415E+22	2,473487E+22	2,529545E+22	2,493759E+22	2,375736E+22	2,267891E+22	2,267891E+22	2,375743E+22	2,493763E+22
-583	2,529524E+22	2,473463E+22	2,401384E+22	2,401359E+22	2,473417E+22	2,529496E+22	2,493760E+22	2,375766E+22	2,267917E+22	2,267888E+22	2,375687E+22	2,493666E+22
-582	2,529429E+22	2,473372E+22	2,401320E+22	2,401354E+22	2,473430E+22	2,529495E+22	2,493753E+22	2,375774E+22	2,267949E+22	2,267940E+22	2,375749E+22	2,493734E+22
-581	2,529529E+22	2,473514E+22	2,401438E+22	2,401432E+22	2,473480E+22	2,529504E+22	2,493727E+22	2,375743E+22	2,267937E+22	2,267951E+22	2,375781E+22	2,493743E+22
-580	2,529459E+22	2,473391E+22	2,401321E+22	2,401337E+22	2,473435E+22	2,529510E+22	2,493759E+22	2,375772E+22	2,267948E+22	2,267944E+22	2,375756E+22	2,493720E+22
-579	2,529451E+22	2,473406E+22	2,401382E+22	2,401407E+22	2,473467E+22	2,529516E+22	2,493754E+22	2,375766E+22	2,267950E+22	2,267957E+22	2,375795E+22	2,493818E+22
-578	2,529607E+22	2,473546E+22	2,401458E+22	2,401436E+22	2,473464E+22	2,529500E+22	2,493747E+22	2,375770E+22	2,267961E+22	2,267968E+22	2,375783E+22	2,493741E+22
-577	2,529483E+22	2,473425E+22	2,401353E+22	2,401369E+22	2,473438E+22	2,529499E+22	2,493774E+22	2,375825E+22	2,268018E+22	2,267998E+22	2,375774E+22	2,493722E+22
-576	2,529500E+22	2,473529E+22	2,401511E+22	2,401500E+22	2,473525E+22	2,529539E+22	2,493759E+22	2,375792E+22	2,268006E+22	2,268017E+22	2,375824E+22	2,493796E+22
-575	2,529550E+22	2,473523E+22	2,401498E+22	2,401495E+22	2,473512E+22	2,529527E+22	2,493766E+22	2,375809E+22	2,268027E+22	2,268026E+22	2,375795E+22	2,493719E+22
-574	2,529453E+22	2,473408E+22	2,401382E+22	2,401434E+22	2,473503E+22	2,529543E+22	2,493793E+22	2,375839E+22	2,268054E+22	2,268053E+22	2,375833E+22	2,493779E+22
-573	2,529551E+22	2,473560E+22	2,401523E+22	2,401517E+22	2,473547E+22	2,529558E+22	2,493788E+22	2,375831E+22	2,268043E+22	2,268043E+22	2,375843E+22	2,493799E+22
-572	2,529529E+22	2,473481E+22	2,401430E+22	2,401422E+22	2,473471E+22	2,529529E+22	2,493806E+22	2,375864E+22	2,268063E+22	2,268032E+22	2,375788E+22	2,493723E+22
-571	2,529467E+22	2,473446E+22	2,401441E+22	2,401456E+22	2,473478E+22	2,529505E+22	2,493772E+22	2,375839E+22	2,268056E+22	2,268045E+22	2,375824E+22	2,493795E+22
-570	2,529592E+22	2,473588E+22	2,401535E+22	2,401512E+22	2,473510E+22	2,529504E+22	2,493739E+22	2,375790E+22	2,268016E+22	2,268037E+22	2,375836E+22	2,493757E+22
-569	2,529471E+22	2,473430E+22	2,401380E+22	2,401391E+22	2,473456E+22	2,529505E+22	2,493762E+22	2,375809E+22	2,268015E+22	2,268011E+22	2,375795E+22	2,493733E+22
-568	2,529470E+22	2,473468E+22	2,401463E+22	2,401471E+22	2,473515E+22	2,529544E+22	2,493757E+22	2,375766E+22	2,267961E+22	2,267973E+22	2,375804E+22	2,493812E+22
-567	2,529579E+22	2,473517E+22	2,401455E+22	2,401457E+22	2,473495E+22	2,529520E+22	2,493755E+22	2,375771E+22	2,267953E+22	2,267946E+22	2,375743E+22	2,493710E+22
-566	2,529469E+22	2,473400E+22	2,401310E+22	2,401336E+22	2,473434E+22	2,529507E+22	2,493771E+22	2,375801E+22	2,267977E+22	2,267955E+22	2,375748E+22	2,493720E+22
-565	2,529505E+22	2,473523E+22	2,401475E+22	2,401448E+22	2,473483E+22	2,529514E+22	2,493754E+22	2,375781E+22	2,267963E+22	2,267952E+22	2,375769E+22	2,493754E+22
-564	2,529496E+22	2,473452E+22	2,401405E+22	2,401395E+22	2,473440E+22	2,529491E+22	2,493755E+22	2,375794E+22	2,267980E+22	2,267960E+22	2,375740E+22	2,493684E+22
-563	2,529411E+22	2,473360E+22	2,401346E+22	2,401392E+22	2,473452E+22	2,529489E+22	2,493735E+22	2,375771E+22	2,267975E+22	2,267983E+22	2,375792E+22	2,493770E+22
-562	2,529550E+22	2,473527E+22	2,401462E+22	2,401462E+22	2,473506E+22	2,529519E+22	2,493733E+22	2,375743E+22	2,267945E+22	2,267981E+22	2,375820E+22	2,493778E+22
-561	2,529492E+22	2,473422E+22	2,401339E+22	2,401340E+22	2,473429E+22	2,529507E+22	2,493772E+22	2,375804E+22	2,267990E+22	2,267977E+22	2,375772E+22	2,493730E+22
-560	2,529474E+22	2,473458E+22	2,401437E+22	2,401435E+22	2,473477E+22	2,529520E+22	2,493762E+22	2,375798E+22	2,267996E+22	2,267987E+22	2,375791E+22	2,493797E+22
-559	2,529597E+22	2,473572E+22	2,401522E+22	2,401507E+22	2,473508E+22	2,529507E+22	2,493751E+22	2,375805E+22	2,268022E+22	2,268017E+22	2,375786E+22	2,493719E+22
-558	2,529475E+22	2,473443E+22	2,401391E+22	2,401411E+22	2,473469E+22	2,529504E+22	2,493770E+22	2,375842E+22	2,268069E+22	2,268059E+22	2,375816E+22	2,493731E+22
-557	2,529485E+22	2,473530E+22	2,401546E+22	2,401544E+22	2,473555E+22	2,529549E+22	2,493777E+22	2,375834E+22	2,268062E+22	2,268066E+22	2,375856E+22	2,493808E+22
-556	2,529541E+22	2,473510E+22	2,401501E+22	2,401512E+22	2,473534E+22	2,529552E+22	2,493803E+22	2,375862E+22	2,268086E+22	2,268078E+22	2,375829E+22	2,493737E+22
-555	2,529459E+22	2,473420E+22	2,401410E+22	2,401450E+22	2,473500E+22	2,529533E+22	2,493797E+22	2,375871E+22	2,268101E+22	2,268091E+22	2,375851E+22	2,493790E+22
-554	2,529572E+22	2,473595E+22	2,401564E+22	2,401538E+22	2,473545E+22	2,529546E+22	2,493784E+22	2,375844E+22	2,268080E+22	2,268092E+22	2,375873E+22	2,493803E+22
-553	2,529533E+22	2,473504E+22	2,401465E+22	2,401441E+22	2,473459E+22	2,529500E+22	2,493790E+22	2,375884E+22	2,268116E+22	2,268093E+22	2,375825E+22	2,493729E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-552	2,529462E+22	2,473463E+22	2,401482E+22	2,401499E+22	2,473508E+22	2,529504E+22	2,493748E+22	2,375833E+22	2,268080E+22	2,268080E+22	2,375847E+22	2,493799E+22
-551	2,529580E+22	2,473581E+22	2,401558E+22	2,401560E+22	2,473560E+22	2,529528E+22	2,493741E+22	2,375793E+22	2,268034E+22	2,268057E+22	2,375841E+22	2,493766E+22
-550	2,529492E+22	2,473444E+22	2,401388E+22	2,401394E+22	2,473465E+22	2,529515E+22	2,493771E+22	2,375819E+22	2,268029E+22	2,268026E+22	2,375807E+22	2,493744E+22
-549	2,529484E+22	2,473492E+22	2,401493E+22	2,401486E+22	2,473511E+22	2,529535E+22	2,493775E+22	2,375813E+22	2,268005E+22	2,267989E+22	2,375792E+22	2,493791E+22
-548	2,529569E+22	2,473528E+22	2,401483E+22	2,401477E+22	2,473500E+22	2,529522E+22	2,493774E+22	2,375819E+22	2,268017E+22	2,267995E+22	2,375753E+22	2,493689E+22
-547	2,529442E+22	2,473406E+22	2,401360E+22	2,401379E+22	2,473442E+22	2,529485E+22	2,493752E+22	2,375814E+22	2,268024E+22	2,268008E+22	2,375775E+22	2,493716E+22
-546	2,529491E+22	2,473520E+22	2,401505E+22	2,401492E+22	2,473520E+22	2,529525E+22	2,493743E+22	2,375776E+22	2,267992E+22	2,268011E+22	2,375824E+22	2,493777E+22
-545	2,529496E+22	2,473446E+22	2,401409E+22	2,401405E+22	2,473452E+22	2,529502E+22	2,493766E+22	2,375815E+22	2,268021E+22	2,268014E+22	2,375789E+22	2,493721E+22
-544	2,529433E+22	2,473375E+22	2,401363E+22	2,401408E+22	2,473471E+22	2,529505E+22	2,493747E+22	2,375794E+22	2,268005E+22	2,268007E+22	2,375805E+22	2,493785E+22
-543	2,529572E+22	2,473554E+22	2,401498E+22	2,401496E+22	2,473531E+22	2,529533E+22	2,493752E+22	2,375783E+22	2,267995E+22	2,268009E+22	2,375814E+22	2,493775E+22
-542	2,529524E+22	2,473473E+22	2,401388E+22	2,401358E+22	2,473422E+22	2,529492E+22	2,493770E+22	2,375832E+22	2,268043E+22	2,268028E+22	2,375792E+22	2,493723E+22
-541	2,529469E+22	2,473489E+22	2,401504E+22	2,401492E+22	2,473490E+22	2,529500E+22	2,493762E+22	2,375842E+22	2,268064E+22	2,268045E+22	2,375812E+22	2,493781E+22
-540	2,529570E+22	2,473567E+22	2,401557E+22	2,401562E+22	2,473555E+22	2,529527E+22	2,493760E+22	2,375837E+22	2,268086E+22	2,268088E+22	2,375831E+22	2,493728E+22
-539	2,529454E+22	2,473435E+22	2,401422E+22	2,401447E+22	2,473495E+22	2,529514E+22	2,493769E+22	2,375853E+22	2,268103E+22	2,268104E+22	2,375852E+22	2,493756E+22
-538	2,529498E+22	2,473532E+22	2,401561E+22	2,401566E+22	2,473577E+22	2,529569E+22	2,493795E+22	2,375851E+22	2,268090E+22	2,268108E+22	2,375891E+22	2,493829E+22
-537	2,529563E+22	2,473533E+22	2,401516E+22	2,401507E+22	2,473515E+22	2,529538E+22	2,493815E+22	2,375905E+22	2,268144E+22	2,268125E+22	2,375851E+22	2,493745E+22
-536	2,529474E+22	2,473455E+22	2,401452E+22	2,401471E+22	2,473497E+22	2,529516E+22	2,493786E+22	2,375892E+22	2,268147E+22	2,268130E+22	2,375858E+22	2,493776E+22
-535	2,529564E+22	2,473614E+22	2,401617E+22	2,401597E+22	2,473576E+22	2,529541E+22	2,493772E+22	2,375858E+22	2,268124E+22	2,268135E+22	2,375884E+22	2,493797E+22
-534	2,529538E+22	2,473522E+22	2,401497E+22	2,401472E+22	2,473479E+22	2,529497E+22	2,493770E+22	2,375875E+22	2,268138E+22	2,268135E+22	2,375862E+22	2,493744E+22
-533	2,529461E+22	2,473469E+22	2,401514E+22	2,401537E+22	2,473531E+22	2,529514E+22	2,493762E+22	2,375856E+22	2,268104E+22	2,268100E+22	2,375858E+22	2,493802E+22
-532	2,529579E+22	2,473576E+22	2,401565E+22	2,401581E+22	2,473589E+22	2,529558E+22	2,493773E+22	2,375831E+22	2,268073E+22	2,268084E+22	2,375849E+22	2,493763E+22
-531	2,529488E+22	2,473457E+22	2,401418E+22	2,401410E+22	2,473467E+22	2,529515E+22	2,493780E+22	2,375847E+22	2,268067E+22	2,268052E+22	2,375808E+22	2,493736E+22
-530	2,529487E+22	2,473507E+22	2,401526E+22	2,401511E+22	2,473518E+22	2,529536E+22	2,493783E+22	2,375834E+22	2,268049E+22	2,268043E+22	2,375818E+22	2,493779E+22
-529	2,529553E+22	2,473529E+22	2,401506E+22	2,401494E+22	2,473492E+22	2,529504E+22	2,493772E+22	2,375851E+22	2,268080E+22	2,268065E+22	2,375801E+22	2,493699E+22
-528	2,529432E+22	2,473404E+22	2,401380E+22	2,401408E+22	2,473468E+22	2,529490E+22	2,493737E+22	2,375817E+22	2,268059E+22	2,268057E+22	2,375814E+22	2,493736E+22
-527	2,529495E+22	2,473518E+22	2,401519E+22	2,401520E+22	2,473551E+22	2,529545E+22	2,493751E+22	2,375787E+22	2,268019E+22	2,268042E+22	2,375844E+22	2,493804E+22
-526	2,529538E+22	2,473474E+22	2,401423E+22	2,401404E+22	2,473444E+22	2,529496E+22	2,493767E+22	2,375828E+22	2,268047E+22	2,268043E+22	2,375812E+22	2,493742E+22
-525	2,529467E+22	2,473423E+22	2,401417E+22	2,401437E+22	2,473463E+22	2,529485E+22	2,493756E+22	2,375837E+22	2,268053E+22	2,268031E+22	2,375799E+22	2,493768E+22
-524	2,529573E+22	2,473583E+22	2,401550E+22	2,401540E+22	2,473548E+22	2,529531E+22	2,493761E+22	2,375825E+22	2,268061E+22	2,268064E+22	2,375827E+22	2,493750E+22
-523	2,529497E+22	2,473492E+22	2,401461E+22	2,401427E+22	2,473451E+22	2,529484E+22	2,493756E+22	2,375846E+22	2,268091E+22	2,268083E+22	2,375820E+22	2,493716E+22
-522	2,529453E+22	2,473489E+22	2,401545E+22	2,401551E+22	2,473541E+22	2,529527E+22	2,493766E+22	2,375845E+22	2,268099E+22	2,268107E+22	2,375860E+22	2,493786E+22
-521	2,529553E+22	2,473554E+22	2,401565E+22	2,401579E+22	2,473574E+22	2,529550E+22	2,493789E+22	2,375876E+22	2,268140E+22	2,268147E+22	2,375878E+22	2,493754E+22
-520	2,529466E+22	2,473441E+22	2,401433E+22	2,401466E+22	2,473517E+22	2,529533E+22	2,493788E+22	2,375888E+22	2,268150E+22	2,268143E+22	2,375871E+22	2,493767E+22
-519	2,529516E+22	2,473551E+22	2,401582E+22	2,401585E+22	2,473588E+22	2,529576E+22	2,493812E+22	2,375894E+22	2,268150E+22	2,268149E+22	2,375897E+22	2,493831E+22
-518	2,529592E+22	2,473574E+22	2,401553E+22	2,401517E+22	2,473494E+22	2,529508E+22	2,493802E+22	2,375926E+22	2,268197E+22	2,268185E+22	2,375888E+22	2,493753E+22
-517	2,529478E+22	2,473484E+22	2,401512E+22	2,401523E+22	2,473500E+22	2,529483E+22	2,493769E+22	2,375915E+22	2,268192E+22	2,268177E+22	2,375885E+22	2,493774E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-516	2,529549E+22	2,473610E+22	2,401644E+22	2,401643E+22	2,473615E+22	2,529556E+22	2,493769E+22	2,375867E+22	2,268158E+22	2,268181E+22	2,375921E+22	2,493807E+22
-515	2,529527E+22	2,473525E+22	2,401531E+22	2,401508E+22	2,473503E+22	2,529509E+22	2,493768E+22	2,375868E+22	2,268142E+22	2,268150E+22	2,375878E+22	2,493759E+22
-514	2,529478E+22	2,473482E+22	2,401532E+22	2,401558E+22	2,473552E+22	2,529538E+22	2,493782E+22	2,375866E+22	2,268118E+22	2,268119E+22	2,375864E+22	2,493793E+22
-513	2,529584E+22	2,473595E+22	2,401581E+22	2,401580E+22	2,473577E+22	2,529558E+22	2,493797E+22	2,375879E+22	2,268127E+22	2,268121E+22	2,375856E+22	2,493751E+22
-512	2,529486E+22	2,473476E+22	2,401450E+22	2,401438E+22	2,473475E+22	2,529508E+22	2,493778E+22	2,375875E+22	2,268118E+22	2,268093E+22	2,375815E+22	2,493715E+22
-511	2,529467E+22	2,473505E+22	2,401553E+22	2,401556E+22	2,473547E+22	2,529541E+22	2,493784E+22	2,375859E+22	2,268101E+22	2,268093E+22	2,375842E+22	2,493782E+22
-510	2,529554E+22	2,473532E+22	2,401519E+22	2,401509E+22	2,473498E+22	2,529499E+22	2,493762E+22	2,375856E+22	2,268114E+22	2,268121E+22	2,375856E+22	2,493730E+22
-509	2,529441E+22	2,473412E+22	2,401405E+22	2,401435E+22	2,473471E+22	2,529486E+22	2,493751E+22	2,375846E+22	2,268090E+22	2,268087E+22	2,375839E+22	2,493754E+22
-508	2,529511E+22	2,473532E+22	2,401537E+22	2,401542E+22	2,473567E+22	2,529558E+22	2,493771E+22	2,375823E+22	2,268065E+22	2,268081E+22	2,375863E+22	2,493808E+22
-507	2,529550E+22	2,473515E+22	2,401477E+22	2,401432E+22	2,473441E+22	2,529482E+22	2,493759E+22	2,375842E+22	2,268082E+22	2,268074E+22	2,375820E+22	2,493735E+22
-506	2,529475E+22	2,473458E+22	2,401475E+22	2,401488E+22	2,473482E+22	2,529485E+22	2,493754E+22	2,375850E+22	2,268098E+22	2,268089E+22	2,375823E+22	2,493747E+22
-505	2,529551E+22	2,473591E+22	2,401591E+22	2,401587E+22	2,473568E+22	2,529529E+22	2,493762E+22	2,375856E+22	2,268124E+22	2,268132E+22	2,375870E+22	2,493755E+22
-504	2,529480E+22	2,473482E+22	2,401482E+22	2,401477E+22	2,473499E+22	2,529507E+22	2,493756E+22	2,375859E+22	2,268131E+22	2,268132E+22	2,375855E+22	2,493730E+22
-503	2,529451E+22	2,473478E+22	2,401550E+22	2,401582E+22	2,473580E+22	2,529565E+22	2,493798E+22	2,375878E+22	2,268139E+22	2,268143E+22	2,375884E+22	2,493810E+22
-502	2,529583E+22	2,473575E+22	2,401573E+22	2,401573E+22	2,473558E+22	2,529544E+22	2,493802E+22	2,375908E+22	2,268185E+22	2,268073E+22	2,375911E+22	2,493776E+22
-501	2,529493E+22	2,473484E+22	2,401480E+22	2,401486E+22	2,473494E+22	2,529505E+22	2,493798E+22	2,375936E+22	2,268207E+22	2,268182E+22	2,375879E+22	2,493757E+22
-500	2,529519E+22	2,473581E+22	2,401629E+22	2,401624E+22	2,473594E+22	2,529561E+22	2,493807E+22	2,375925E+22	2,268214E+22	2,268211E+22	2,375923E+22	2,493817E+22
-499	2,529574E+22	2,473598E+22	2,401616E+22	2,401575E+22	2,473515E+22	2,529491E+22	2,493772E+22	2,375919E+22	2,268225E+22	2,268228E+22	2,375919E+22	2,493760E+22
-498	2,529476E+22	2,473495E+22	2,401550E+22	2,401578E+22	2,473547E+22	2,529507E+22	2,493766E+22	2,375903E+22	2,268207E+22	2,268217E+22	2,375918E+22	2,493781E+22
-497	2,529543E+22	2,473607E+22	2,401656E+22	2,401663E+22	2,473633E+22	2,529579E+22	2,493798E+22	2,375899E+22	2,268191E+22	2,268212E+22	2,375945E+22	2,493823E+22
-496	2,529537E+22	2,473532E+22	2,401542E+22	2,401534E+22	2,473530E+22	2,529532E+22	2,493792E+22	2,375901E+22	2,268175E+22	2,268167E+22	2,375875E+22	2,493751E+22
-495	2,529484E+22	2,473499E+22	2,401550E+22	2,401577E+22	2,473565E+22	2,529554E+22	2,493812E+22	2,375913E+22	2,268172E+22	2,268150E+22	2,375861E+22	2,493777E+22
-494	2,529583E+22	2,473615E+22	2,401607E+22	2,401590E+22	2,473557E+22	2,529532E+22	2,493793E+22	2,375908E+22	2,268185E+22	2,268184E+22	2,375894E+22	2,493752E+22
-493	2,529475E+22	2,473487E+22	2,401490E+22	2,401480E+22	2,473474E+22	2,529479E+22	2,493769E+22	2,375903E+22	2,268170E+22	2,268149E+22	2,375853E+22	2,493722E+22
-492	2,529453E+22	2,473493E+22	2,401558E+22	2,401582E+22	2,473570E+22	2,529547E+22	2,493780E+22	2,375869E+22	2,268141E+22	2,268148E+22	2,375890E+22	2,493804E+22
-491	2,529554E+22	2,473543E+22	2,401544E+22	2,401529E+22	2,473503E+22	2,529495E+22	2,493753E+22	2,375850E+22	2,268121E+22	2,268141E+22	2,375884E+22	2,493762E+22
-490	2,529476E+22	2,473446E+22	2,401435E+22	2,401460E+22	2,473481E+22	2,529489E+22	2,493750E+22	2,375846E+22	2,268104E+22	2,268109E+22	2,375847E+22	2,493749E+22
-489	2,529521E+22	2,473565E+22	2,401574E+22	2,401561E+22	2,473558E+22	2,529547E+22	2,493780E+22	2,375858E+22	2,268114E+22	2,268118E+22	2,375872E+22	2,493797E+22
-488	2,529546E+22	2,473541E+22	2,401529E+22	2,401495E+22	2,473477E+22	2,529483E+22	2,493753E+22	2,375860E+22	2,268125E+22	2,268114E+22	2,375827E+22	2,493712E+22
-487	2,529455E+22	2,473463E+22	2,401513E+22	2,401550E+22	2,473534E+22	2,529511E+22	2,493768E+22	2,375878E+22	2,268147E+22	2,268134E+22	2,375845E+22	2,493744E+22
-486	2,529538E+22	2,473588E+22	2,401607E+22	2,401613E+22	2,473590E+22	2,529545E+22	2,493777E+22	2,375881E+22	2,268170E+22	2,268190E+22	2,375920E+22	2,493781E+22
-485	2,529485E+22	2,473488E+22	2,401503E+22	2,401506E+22	2,473506E+22	2,529513E+22	2,493792E+22	2,375912E+22	2,268183E+22	2,268174E+22	2,375881E+22	2,493745E+22
-484	2,529462E+22	2,473487E+22	2,401556E+22	2,401594E+22	2,473587E+22	2,529575E+22	2,493827E+22	2,375933E+22	2,268208E+22	2,268200E+22	2,375913E+22	2,493814E+22
-483	2,529589E+22	2,473616E+22	2,401622E+22	2,401592E+22	2,473543E+22	2,529520E+22	2,493794E+22	2,375931E+22	2,268234E+22	2,268240E+22	2,375937E+22	2,493783E+22
-482	2,529506E+22	2,473524E+22	2,401540E+22	2,401534E+22	2,473502E+22	2,529486E+22	2,493778E+22	2,375941E+22	2,268253E+22	2,268247E+22	2,375914E+22	2,493752E+22
-481	2,529506E+22	2,473596E+22	2,401671E+22	2,401670E+22	2,473612E+22	2,529549E+22	2,493794E+22	2,375941E+22	2,268263E+22	2,268272E+22	2,375970E+22	2,493835E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-480	2,529571E+22	2,473600E+22	2,401640E+22	2,401630E+22	2,473569E+22	2,529512E+22	2,493765E+22	2,375915E+22	2,268242E+22	2,268255E+22	2,375940E+22	2,493773E+22
-479	2,529483E+22	2,473501E+22	2,401563E+22	2,401611E+22	2,473587E+22	2,529545E+22	2,493800E+22	2,375931E+22	2,268230E+22	2,268225E+22	2,375919E+22	2,493790E+22
-478	2,529561E+22	2,473630E+22	2,401669E+22	2,401663E+22	2,473623E+22	2,529576E+22	2,493819E+22	2,375937E+22	2,268231E+22	2,268238E+22	2,375954E+22	2,493823E+22
-477	2,529545E+22	2,473562E+22	2,401582E+22	2,401556E+22	2,473514E+22	2,529512E+22	2,493813E+22	2,375955E+22	2,268232E+22	2,268201E+22	2,375874E+22	2,493727E+22
-476	2,529465E+22	2,473507E+22	2,401576E+22	2,401610E+22	2,473576E+22	2,529547E+22	2,493815E+22	2,375949E+22	2,268238E+22	2,268216E+22	2,375893E+22	2,493762E+22
-475	2,529550E+22	2,473621E+22	2,401643E+22	2,401624E+22	2,473568E+22	2,529514E+22	2,493765E+22	2,375900E+22	2,268212E+22	2,268231E+22	2,375937E+22	2,493772E+22
-474	2,529472E+22	2,473489E+22	2,401509E+22	2,401511E+22	2,473501E+22	2,529490E+22	2,493758E+22	2,375889E+22	2,268186E+22	2,268193E+22	2,375893E+22	2,493743E+22
-473	2,529459E+22	2,473498E+22	2,401566E+22	2,401592E+22	2,473573E+22	2,529548E+22	2,493791E+22	2,375893E+22	2,268172E+22	2,268179E+22	2,375919E+22	2,493831E+22
-472	2,529578E+22	2,473564E+22	2,401558E+22	2,401555E+22	2,473526E+22	2,529499E+22	2,493756E+22	2,375867E+22	2,268147E+22	2,268154E+22	2,375879E+22	2,493759E+22
-471	2,529492E+22	2,473482E+22	2,401473E+22	2,401494E+22	2,473501E+22	2,529502E+22	2,493773E+22	2,375884E+22	2,268147E+22	2,268131E+22	2,375843E+22	2,493736E+22
-470	2,529517E+22	2,473592E+22	2,401618E+22	2,401594E+22	2,473556E+22	2,529528E+22	2,493778E+22	2,375888E+22	2,268168E+22	2,268173E+22	2,375903E+22	2,493794E+22
-469	2,529530E+22	2,473551E+22	2,401575E+22	2,401551E+22	2,473500E+22	2,529480E+22	2,493763E+22	2,375895E+22	2,268177E+22	2,268166E+22	2,375858E+22	2,493712E+22
-468	2,529435E+22	2,473453E+22	2,401519E+22	2,401581E+22	2,473572E+22	2,529540E+22	2,493789E+22	2,375910E+22	2,268202E+22	2,268197E+22	2,375890E+22	2,493756E+22
-467	2,529529E+22	2,473597E+22	2,401626E+22	2,401626E+22	2,473594E+22	2,529547E+22	2,493784E+22	2,375901E+22	2,268203E+22	2,268227E+22	2,375952E+22	2,493809E+22
-466	2,529515E+22	2,473523E+22	2,401535E+22	2,401527E+22	2,473509E+22	2,529507E+22	2,493793E+22	2,375937E+22	2,268233E+22	2,268224E+22	2,375901E+22	2,493746E+22
-465	2,529472E+22	2,473524E+22	2,401598E+22	2,401613E+22	2,473571E+22	2,529546E+22	2,493826E+22	2,375975E+22	2,268277E+22	2,268261E+22	2,375943E+22	2,493818E+22
-464	2,529590E+22	2,473641E+22	2,401675E+22	2,401657E+22	2,473576E+22	2,529506E+22	2,493773E+22	2,375942E+22	2,268278E+22	2,268288E+22	2,375960E+22	2,493780E+22
-463	2,529500E+22	2,473543E+22	2,401587E+22	2,401599E+22	2,473556E+22	2,529510E+22	2,493783E+22	2,375954E+22	2,268285E+22	2,268280E+22	2,375941E+22	2,493764E+22
-462	2,529502E+22	2,473601E+22	2,401696E+22	2,401702E+22	2,473635E+22	2,529564E+22	2,493806E+22	2,375956E+22	2,268292E+22	2,268311E+22	2,376006E+22	2,493860E+22
-461	2,529583E+22	2,473614E+22	2,401669E+22	2,401665E+22	2,473588E+22	2,529529E+22	2,493803E+22	2,375960E+22	2,268279E+22	2,268278E+22	2,375945E+22	2,493772E+22
-460	2,529488E+22	2,473513E+22	2,401570E+22	2,401622E+22	2,473602E+22	2,529564E+22	2,493831E+22	2,375983E+22	2,268292E+22	2,268271E+22	2,375930E+22	2,493771E+22
-459	2,529543E+22	2,473653E+22	2,401707E+22	2,401677E+22	2,473611E+22	2,529558E+22	2,493816E+22	2,375963E+22	2,268279E+22	2,268282E+22	2,375973E+22	2,493820E+22
-458	2,529538E+22	2,473580E+22	2,401623E+22	2,401594E+22	2,473521E+22	2,529489E+22	2,493789E+22	2,375963E+22	2,268281E+22	2,268265E+22	2,375909E+22	2,493723E+22
-457	2,529442E+22	2,473497E+22	2,401588E+22	2,401628E+22	2,473581E+22	2,529530E+22	2,493800E+22	2,375961E+22	2,268282E+22	2,268275E+22	2,375947E+22	2,493794E+22
-456	2,529551E+22	2,473609E+22	2,401645E+22	2,401654E+22	2,473603E+22	2,529524E+22	2,493754E+22	2,375890E+22	2,268219E+22	2,268252E+22	2,375962E+22	2,493802E+22
-455	2,529498E+22	2,473509E+22	2,401522E+22	2,401527E+22	2,473521E+22	2,529510E+22	2,493777E+22	2,375905E+22	2,268195E+22	2,268190E+22	2,375893E+22	2,493761E+22
-454	2,529487E+22	2,473535E+22	2,401594E+22	2,401595E+22	2,473558E+22	2,529531E+22	2,493794E+22	2,375918E+22	2,268204E+22	2,268199E+22	2,375921E+22	2,493831E+22
-453	2,529594E+22	2,473608E+22	2,401618E+22	2,401596E+22	2,473524E+22	2,529483E+22	2,493768E+22	2,375907E+22	2,268194E+22	2,268181E+22	2,375869E+22	2,493728E+22
-452	2,529471E+22	2,473496E+22	2,401515E+22	2,401546E+22	2,473535E+22	2,529508E+22	2,493780E+22	2,375921E+22	2,268213E+22	2,268193E+22	2,375866E+22	2,493709E+22
-451	2,529474E+22	2,473593E+22	2,401659E+22	2,401640E+22	2,473588E+22	2,529533E+22	2,493774E+22	2,375899E+22	2,268206E+22	2,268223E+22	2,375941E+22	2,493807E+22
-450	2,529520E+22	2,473550E+22	2,401598E+22	2,401589E+22	2,473535E+22	2,529501E+22	2,493772E+22	2,375914E+22	2,268224E+22	2,268225E+22	2,375898E+22	2,493728E+22
-449	2,529433E+22	2,473453E+22	2,401525E+22	2,401586E+22	2,473575E+22	2,529546E+22	2,493816E+22	2,375961E+22	2,268265E+22	2,268255E+22	2,375933E+22	2,493788E+22
-448	2,529551E+22	2,473613E+22	2,401642E+22	2,401650E+22	2,473611E+22	2,529544E+22	2,493788E+22	2,375931E+22	2,268254E+22	2,268270E+22	2,375969E+22	2,493817E+22
-447	2,529535E+22	2,473565E+22	2,401584E+22	2,401561E+22	2,473520E+22	2,529504E+22	2,493801E+22	2,375972E+22	2,268288E+22	2,268268E+22	2,375924E+22	2,493754E+22
-446	2,529478E+22	2,473556E+22	2,401653E+22	2,401656E+22	2,473573E+22	2,529514E+22	2,493803E+22	2,375992E+22	2,268333E+22	2,268327E+22	2,375990E+22	2,493836E+22
-445	2,529591E+22	2,473658E+22	2,401723E+22	2,401715E+22	2,473606E+22	2,529507E+22	2,493774E+22	2,375958E+22	2,268315E+22	2,268332E+22	2,375989E+22	2,493789E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-444	2,529496E+22	2,473545E+22	2,401606E+22	2,401637E+22	2,473601E+22	2,529545E+22	2,493806E+22	2,375977E+22	2,268322E+22	2,268323E+22	2,375969E+22	2,493769E+22
-443	2,529500E+22	2,473619E+22	2,401723E+22	2,401718E+22	2,473642E+22	2,529570E+22	2,493818E+22	2,375974E+22	2,268312E+22	2,268325E+22	2,376012E+22	2,493866E+22
-442	2,529599E+22	2,473643E+22	2,401700E+22	2,401685E+22	2,473595E+22	2,529528E+22	2,493807E+22	2,375988E+22	2,268328E+22	2,268316E+22	2,375945E+22	2,493752E+22
-441	2,529477E+22	2,473531E+22	2,401602E+22	2,401635E+22	2,473593E+22	2,529546E+22	2,493835E+22	2,376025E+22	2,268359E+22	2,268329E+22	2,375955E+22	2,493766E+22
-440	2,529527E+22	2,473646E+22	2,401730E+22	2,401721E+22	2,473640E+22	2,529546E+22	2,493795E+22	2,375969E+22	2,268317E+22	2,268327E+22	2,375996E+22	2,493820E+22
-439	2,529529E+22	2,473581E+22	2,401645E+22	2,401630E+22	2,473556E+22	2,529507E+22	2,493793E+22	2,375973E+22	2,268306E+22	2,268295E+22	2,375942E+22	2,493751E+22
-438	2,529447E+22	2,473498E+22	2,401601E+22	2,401637E+22	2,473580E+22	2,529523E+22	2,493797E+22	2,375971E+22	2,268305E+22	2,268306E+22	2,375982E+22	2,493830E+22
-437	2,529578E+22	2,473629E+22	2,401669E+22	2,401671E+22	2,473603E+22	2,529525E+22	2,493777E+22	2,375922E+22	2,268246E+22	2,268265E+22	2,375960E+22	2,493801E+22
-436	2,529514E+22	2,473537E+22	2,401549E+22	2,401544E+22	2,473534E+22	2,529522E+22	2,493797E+22	2,375943E+22	2,268245E+22	2,268226E+22	2,375893E+22	2,493734E+22
-435	2,529475E+22	2,473572E+22	2,401649E+22	2,401624E+22	2,473555E+22	2,529514E+22	2,493786E+22	2,375936E+22	2,268244E+22	2,268236E+22	2,375928E+22	2,493816E+22
-434	2,529582E+22	2,473627E+22	2,401672E+22	2,401655E+22	2,473558E+22	2,529476E+22	2,493748E+22	2,375920E+22	2,268251E+22	2,268246E+22	2,375897E+22	2,493716E+22
-433	2,529441E+22	2,473483E+22	2,401534E+22	2,401577E+22	2,473564E+22	2,529517E+22	2,493783E+22	2,375948E+22	2,268272E+22	2,268263E+22	2,375922E+22	2,493737E+22
-432	2,529466E+22	2,473567E+22	2,401658E+22	2,401673E+22	2,473630E+22	2,529556E+22	2,493783E+22	2,375914E+22	2,268238E+22	2,268262E+22	2,375972E+22	2,493833E+22
-431	2,529542E+22	2,473567E+22	2,401614E+22	2,401603E+22	2,473551E+22	2,529522E+22	2,493802E+22	2,375953E+22	2,268262E+22	2,268251E+22	2,375920E+22	2,493754E+22
-430	2,529459E+22	2,473486E+22	2,401557E+22	2,401589E+22	2,473550E+22	2,529518E+22	2,493815E+22	2,375998E+22	2,268324E+22	2,268305E+22	2,375960E+22	2,493804E+22
-429	2,529575E+22	2,473659E+22	2,401707E+22	2,401690E+22	2,473607E+22	2,529525E+22	2,493792E+22	2,375965E+22	2,268311E+22	2,268320E+22	2,375983E+22	2,493806E+22
-428	2,529531E+22	2,473590E+22	2,401637E+22	2,401618E+22	2,473556E+22	2,529507E+22	2,493795E+22	2,375992E+22	2,268344E+22	2,268332E+22	2,375955E+22	2,493740E+22
-427	2,529458E+22	2,473573E+22	2,401701E+22	2,401705E+22	2,473607E+22	2,529522E+22	2,493791E+22	2,375989E+22	2,268356E+22	2,268364E+22	2,376021E+22	2,493853E+22
-426	2,529597E+22	2,473671E+22	2,401760E+22	2,401763E+22	2,473650E+22	2,529530E+22	2,493779E+22	2,375973E+22	2,268352E+22	2,268370E+22	2,376006E+22	2,493793E+22
-425	2,529495E+22	2,473547E+22	2,401619E+22	2,401648E+22	2,473613E+22	2,529560E+22	2,493838E+22	2,376029E+22	2,268379E+22	2,268365E+22	2,375990E+22	2,493779E+22
-424	2,529504E+22	2,473619E+22	2,401738E+22	2,401743E+22	2,473661E+22	2,529577E+22	2,493833E+22	2,376011E+22	2,268362E+22	2,268361E+22	2,376014E+22	2,493852E+22
-423	2,529599E+22	2,473668E+22	2,401740E+22	2,401711E+22	2,473600E+22	2,529528E+22	2,493822E+22	2,376027E+22	2,268380E+22	2,268359E+22	2,375969E+22	2,493751E+22
-422	2,529464E+22	2,473537E+22	2,401633E+22	2,401656E+22	2,473583E+22	2,529513E+22	2,493812E+22	2,376042E+22	2,268412E+22	2,268395E+22	2,376005E+22	2,493789E+22
-421	2,529530E+22	2,473648E+22	2,401753E+22	2,401748E+22	2,473653E+22	2,529547E+22	2,493792E+22	2,375973E+22	2,268345E+22	2,268366E+22	2,376026E+22	2,493838E+22
-420	2,529538E+22	2,473583E+22	2,401653E+22	2,401646E+22	2,473578E+22	2,529525E+22	2,493802E+22	2,375984E+22	2,268331E+22	2,268327E+22	2,375963E+22	2,493758E+22
-419	2,529463E+22	2,473529E+22	2,401630E+22	2,401647E+22	2,473575E+22	2,529512E+22	2,493792E+22	2,375976E+22	2,268315E+22	2,268313E+22	2,375981E+22	2,493836E+22
-418	2,529603E+22	2,473671E+22	2,401718E+22	2,401702E+22	2,473610E+22	2,529513E+22	2,493765E+22	2,375940E+22	2,268290E+22	2,268295E+22	2,375951E+22	2,493772E+22
-417	2,529500E+22	2,473557E+22	2,401597E+22	2,401579E+22	2,473542E+22	2,529514E+22	2,493800E+22	2,375978E+22	2,268305E+22	2,268281E+22	2,375915E+22	2,493722E+22
-416	2,529450E+22	2,473556E+22	2,401679E+22	2,401686E+22	2,473605E+22	2,529524E+22	2,493779E+22	2,375945E+22	2,268282E+22	2,268281E+22	2,375949E+22	2,493805E+22
-415	2,529562E+22	2,473622E+22	2,401695E+22	2,401695E+22	2,473605E+22	2,529518E+22	2,493773E+22	2,375944E+22	2,268284E+22	2,268285E+22	2,375937E+22	2,493742E+22
-414	2,529440E+22	2,473476E+22	2,401544E+22	2,401586E+22	2,473566E+22	2,529521E+22	2,493799E+22	2,375982E+22	2,268321E+22	2,268316E+22	2,375968E+22	2,493777E+22
-413	2,529497E+22	2,473581E+22	2,401670E+22	2,401676E+22	2,473625E+22	2,529562E+22	2,493812E+22	2,375959E+22	2,268290E+22	2,268300E+22	2,375987E+22	2,493841E+22
-412	2,529565E+22	2,473598E+22	2,401644E+22	2,401618E+22	2,473554E+22	2,529523E+22	2,493817E+22	2,375998E+22	2,268331E+22	2,268312E+22	2,375942E+22	2,493743E+22
-411	2,529464E+22	2,473534E+22	2,401623E+22	2,401624E+22	2,473539E+22	2,529481E+22	2,493788E+22	2,376007E+22	2,268367E+22	2,268355E+22	2,375988E+22	2,493807E+22
-410	2,529577E+22	2,473687E+22	2,401769E+22	2,401754E+22	2,473636E+22	2,529507E+22	2,493756E+22	2,375968E+22	2,268364E+22	2,268382E+22	2,376015E+22	2,493804E+22
-409	2,529515E+22	2,473592E+22	2,401672E+22	2,401663E+22	2,473594E+22	2,529525E+22	2,493798E+22	2,376007E+22	2,268387E+22	2,268387E+22	2,375999E+22	2,493764E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-408	2,529460E+22	2,473561E+22	2,401715E+22	2,401747E+22	2,473652E+22	2,529550E+22	2,493806E+22	2,376002E+22	2,268376E+22	2,268384E+22	2,376028E+22	2,493856E+22
-407	2,529615E+22	2,473697E+22	2,401787E+22	2,401785E+22	2,473671E+22	2,529560E+22	2,493818E+22	2,376017E+22	2,268386E+22	2,268385E+22	2,376012E+22	2,493796E+22
-406	2,529502E+22	2,473573E+22	2,401654E+22	2,401659E+22	2,473593E+22	2,529538E+22	2,493844E+22	2,376075E+22	2,268445E+22	2,268417E+22	2,376009E+22	2,493778E+22
-405	2,529506E+22	2,473636E+22	2,401779E+22	2,401773E+22	2,473659E+22	2,529566E+22	2,493841E+22	2,376046E+22	2,268422E+22	2,268415E+22	2,376031E+22	2,493834E+22
-404	2,529580E+22	2,473670E+22	2,401770E+22	2,401753E+22	2,473628E+22	2,529533E+22	2,493819E+22	2,376047E+22	2,268435E+22	2,268427E+22	2,376010E+22	2,493746E+22
-403	2,529449E+22	2,473545E+22	2,401660E+22	2,401682E+22	2,473594E+22	2,529508E+22	2,493795E+22	2,376031E+22	2,268427E+22	2,268430E+22	2,376043E+22	2,493818E+22
-402	2,529548E+22	2,473663E+22	2,401777E+22	2,401776E+22	2,473672E+22	2,529550E+22	2,493784E+22	2,375981E+22	2,268375E+22	2,268397E+22	2,376043E+22	2,493848E+22
-401	2,529553E+22	2,473598E+22	2,401670E+22	2,401657E+22	2,473584E+22	2,529531E+22	2,493816E+22	2,376015E+22	2,268372E+22	2,268359E+22	2,375979E+22	2,493765E+22
-400	2,529474E+22	2,473540E+22	2,401658E+22	2,401682E+22	2,473595E+22	2,529516E+22	2,493796E+22	2,375994E+22	2,268346E+22	2,268335E+22	2,375974E+22	2,493814E+22
-399	2,529601E+22	2,473699E+22	2,401768E+22	2,401746E+22	2,473632E+22	2,529524E+22	2,493779E+22	2,375969E+22	2,268327E+22	2,268329E+22	2,375971E+22	2,493767E+22
-398	2,529477E+22	2,473553E+22	2,401627E+22	2,401613E+22	2,473552E+22	2,529503E+22	2,493792E+22	2,376000E+22	2,268358E+22	2,268344E+22	2,375964E+22	2,493743E+22
-397	2,529447E+22	2,473543E+22	2,401688E+22	2,401709E+22	2,473629E+22	2,529552E+22	2,493801E+22	2,375966E+22	2,268319E+22	2,268326E+22	2,375982E+22	2,493818E+22
-396	2,529566E+22	2,473620E+22	2,401698E+22	2,401703E+22	2,473619E+22	2,529540E+22	2,493801E+22	2,375977E+22	2,268327E+22	2,268330E+22	2,375963E+22	2,493748E+22
-395	2,529458E+22	2,473509E+22	2,401569E+22	2,401586E+22	2,473544E+22	2,529500E+22	2,493795E+22	2,376001E+22	2,268355E+22	2,268345E+22	2,375982E+22	2,493789E+22
-394	2,529529E+22	2,473632E+22	2,401725E+22	2,401708E+22	2,473618E+22	2,529531E+22	2,493788E+22	2,375983E+22	2,268353E+22	2,268351E+22	2,375995E+22	2,493824E+22
-393	2,529561E+22	2,473626E+22	2,401699E+22	2,401664E+22	2,473563E+22	2,529503E+22	2,493803E+22	2,376022E+22	2,268391E+22	2,268378E+22	2,375979E+22	2,493743E+22
-392	2,529451E+22	2,473532E+22	2,401668E+22	2,401700E+22	2,473592E+22	2,529491E+22	2,493774E+22	2,376005E+22	2,268395E+22	2,268397E+22	2,376012E+22	2,493806E+22
-391	2,529572E+22	2,473700E+22	2,401812E+22	2,401809E+22	2,473687E+22	2,529550E+22	2,493783E+22	2,375987E+22	2,268384E+22	2,268411E+22	2,376049E+22	2,493823E+22
-390	2,529514E+22	2,473593E+22	2,401696E+22	2,401690E+22	2,473607E+22	2,529538E+22	2,493824E+22	2,376048E+22	2,268436E+22	2,268431E+22	2,376030E+22	2,493786E+22
-389	2,529482E+22	2,473576E+22	2,401732E+22	2,401760E+22	2,473664E+22	2,529576E+22	2,493847E+22	2,376053E+22	2,268433E+22	2,268423E+22	2,376032E+22	2,493839E+22
-388	2,529613E+22	2,473719E+22	2,401817E+22	2,401805E+22	2,473678E+22	2,529569E+22	2,493843E+22	2,376071E+22	2,268463E+22	2,268452E+22	2,376031E+22	2,493773E+22
-387	2,529491E+22	2,473600E+22	2,401701E+22	2,401689E+22	2,473581E+22	2,529504E+22	2,493823E+22	2,376091E+22	2,268498E+22	2,268479E+22	2,376050E+22	2,493788E+22
-386	2,529505E+22	2,473647E+22	2,401814E+22	2,401818E+22	2,473677E+22	2,529543E+22	2,493805E+22	2,376052E+22	2,268476E+22	2,268480E+22	2,376075E+22	2,493846E+22
-385	2,529571E+22	2,473663E+22	2,401781E+22	2,401776E+22	2,473648E+22	2,529541E+22	2,493817E+22	2,376053E+22	2,268465E+22	2,268476E+22	2,376063E+22	2,493786E+22
-384	2,529467E+22	2,473541E+22	2,401669E+22	2,401712E+22	2,473617E+22	2,529519E+22	2,493797E+22	2,376028E+22	2,268426E+22	2,268434E+22	2,376048E+22	2,493829E+22
-383	2,529577E+22	2,473702E+22	2,401809E+22	2,401795E+22	2,473681E+22	2,529565E+22	2,493807E+22	2,376004E+22	2,268386E+22	2,268398E+22	2,376043E+22	2,493847E+22
-382	2,529560E+22	2,473631E+22	2,401717E+22	2,401682E+22	2,473573E+22	2,529512E+22	2,493817E+22	2,376045E+22	2,268419E+22	2,268395E+22	2,375987E+22	2,493756E+22
-381	2,529474E+22	2,473558E+22	2,401696E+22	2,401718E+22	2,473609E+22	2,529523E+22	2,493807E+22	2,376019E+22	2,268391E+22	2,268374E+22	2,375978E+22	2,493780E+22
-380	2,529568E+22	2,473694E+22	2,401793E+22	2,401790E+22	2,473672E+22	2,529549E+22	2,493795E+22	2,375997E+22	2,268378E+22	2,268385E+22	2,375999E+22	2,493755E+22
-379	2,529460E+22	2,473554E+22	2,401645E+22	2,401636E+22	2,473560E+22	2,529503E+22	2,493793E+22	2,376010E+22	2,268385E+22	2,268383E+22	2,376001E+22	2,493768E+22
-378	2,529461E+22	2,473549E+22	2,401696E+22	2,401725E+22	2,473632E+22	2,529545E+22	2,493803E+22	2,375998E+22	2,268373E+22	2,268370E+22	2,376005E+22	2,493826E+22
-377	2,529576E+22	2,473635E+22	2,401710E+22	2,401708E+22	2,473613E+22	2,529537E+22	2,493816E+22	2,376018E+22	2,268388E+22	2,268386E+22	2,375998E+22	2,493763E+22
-376	2,529472E+22	2,473531E+22	2,401608E+22	2,401624E+22	2,473548E+22	2,529483E+22	2,493784E+22	2,376015E+22	2,268395E+22	2,268385E+22	2,375995E+22	2,493779E+22
-375	2,529535E+22	2,473674E+22	2,401790E+22	2,401765E+22	2,473637E+22	2,529524E+22	2,493783E+22	2,375999E+22	2,268389E+22	2,268398E+22	2,376034E+22	2,493830E+22
-374	2,529549E+22	2,473637E+22	2,401746E+22	2,401721E+22	2,473589E+22	2,529494E+22	2,493785E+22	2,376031E+22	2,268438E+22	2,268438E+22	2,376028E+22	2,493770E+22
-373	2,529459E+22	2,473536E+22	2,401690E+22	2,401737E+22	2,473633E+22	2,529532E+22	2,493801E+22	2,376023E+22	2,268425E+22	2,268431E+22	2,376032E+22	2,493809E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \ominus	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-372	2,529573E+22	2,473709E+22	2,401831E+22	2,401837E+22	2,473718E+22	2,529588E+22	2,493827E+22	2,376034E+22	2,268432E+22	2,268448E+22	2,376060E+22	2,493816E+22
-371	2,529525E+22	2,473627E+22	2,401728E+22	2,401706E+22	2,473597E+22	2,529528E+22	2,493836E+22	2,376086E+22	2,268485E+22	2,268468E+22	2,376043E+22	2,493786E+22
-370	2,529494E+22	2,473611E+22	2,401775E+22	2,401794E+22	2,473663E+22	2,529552E+22	2,493839E+22	2,376096E+22	2,268512E+22	2,268487E+22	2,376050E+22	2,493819E+22
-369	2,529591E+22	2,473727E+22	2,401852E+22	2,401842E+22	2,473689E+22	2,529557E+22	2,493838E+22	2,376100E+22	2,268529E+22	2,268529E+22	2,376084E+22	2,493784E+22
-368	2,529475E+22	2,473588E+22	2,401727E+22	2,401744E+22	2,473617E+22	2,529507E+22	2,493807E+22	2,376086E+22	2,268521E+22	2,268521E+22	2,376086E+22	2,493806E+22
-367	2,529514E+22	2,473664E+22	2,401842E+22	2,401852E+22	2,473704E+22	2,529564E+22	2,493820E+22	2,376060E+22	2,268484E+22	2,268502E+22	2,376113E+22	2,493880E+22
-366	2,529587E+22	2,473674E+22	2,401796E+22	2,401790E+22	2,473647E+22	2,529536E+22	2,493825E+22	2,376078E+22	2,268496E+22	2,268503E+22	2,376084E+22	2,493812E+22
-365	2,529500E+22	2,473573E+22	2,401690E+22	2,401722E+22	2,473626E+22	2,529539E+22	2,493825E+22	2,376060E+22	2,268459E+22	2,268450E+22	2,376037E+22	2,493805E+22
-364	2,529574E+22	2,473733E+22	2,401852E+22	2,401824E+22	2,473687E+22	2,529569E+22	2,493827E+22	2,376044E+22	2,268437E+22	2,268437E+22	2,376040E+22	2,493810E+22
-363	2,529538E+22	2,473652E+22	2,401760E+22	2,401722E+22	2,473572E+22	2,529486E+22	2,493800E+22	2,376058E+22	2,268458E+22	2,268440E+22	2,376012E+22	2,493753E+22
-362	2,529459E+22	2,473558E+22	2,401717E+22	2,401761E+22	2,473638E+22	2,529516E+22	2,493787E+22	2,376034E+22	2,268445E+22	2,268430E+22	2,376013E+22	2,493781E+22
-361	2,529543E+22	2,473673E+22	2,401788E+22	2,401803E+22	2,473690E+22	2,529564E+22	2,493808E+22	2,376018E+22	2,268417E+22	2,268436E+22	2,376048E+22	2,493787E+22
-360	2,529468E+22	2,473546E+22	2,401647E+22	2,401656E+22	2,473570E+22	2,529505E+22	2,493800E+22	2,376024E+22	2,268405E+22	2,268401E+22	2,376014E+22	2,493783E+22
-359	2,529490E+22	2,473593E+22	2,401732E+22	2,401740E+22	2,473625E+22	2,529537E+22	2,493814E+22	2,376026E+22	2,268402E+22	2,268397E+22	2,376025E+22	2,493834E+22
-358	2,529582E+22	2,473669E+22	2,401760E+22	2,401738E+22	2,473599E+22	2,529503E+22	2,493801E+22	2,376044E+22	2,268444E+22	2,268440E+22	2,376028E+22	2,493770E+22
-357	2,529479E+22	2,473560E+22	2,401657E+22	2,401675E+22	2,473579E+22	2,529494E+22	2,493783E+22	2,376027E+22	2,268434E+22	2,268430E+22	2,376013E+22	2,493762E+22
-356	2,529514E+22	2,473684E+22	2,401832E+22	2,401823E+22	2,473689E+22	2,529556E+22	2,493799E+22	2,376020E+22	2,268431E+22	2,268448E+22	2,376060E+22	2,493828E+22
-355	2,529543E+22	2,473650E+22	2,401777E+22	2,401763E+22	2,473615E+22	2,529509E+22	2,493798E+22	2,376050E+22	2,268467E+22	2,268474E+22	2,376058E+22	2,493792E+22
-354	2,529477E+22	2,473555E+22	2,401710E+22	2,401768E+22	2,473655E+22	2,529539E+22	2,493820E+22	2,376076E+22	2,268493E+22	2,268476E+22	2,376047E+22	2,493803E+22
-353	2,529567E+22	2,473720E+22	2,401848E+22	2,401852E+22	2,473725E+22	2,529597E+22	2,493858E+22	2,376094E+22	2,268508E+22	2,268513E+22	2,376092E+22	2,493821E+22
-352	2,529523E+22	2,473640E+22	2,401767E+22	2,401746E+22	2,473601E+22	2,529513E+22	2,493836E+22	2,376117E+22	2,268541E+22	2,268522E+22	2,376068E+22	2,493782E+22
-351	2,529491E+22	2,473637E+22	2,401821E+22	2,401837E+22	2,473674E+22	2,529540E+22	2,493834E+22	2,376116E+22	2,268555E+22	2,268548E+22	2,376108E+22	2,493840E+22
-350	2,529579E+22	2,473729E+22	2,401879E+22	2,401877E+22	2,473703E+22	2,529544E+22	2,493819E+22	2,376106E+22	2,268571E+22	2,268589E+22	2,376143E+22	2,493831E+22
-349	2,529501E+22	2,473602E+22	2,401738E+22	2,401757E+22	2,473639E+22	2,529533E+22	2,493818E+22	2,376088E+22	2,268533E+22	2,268539E+22	2,376100E+22	2,493816E+22
-348	2,529531E+22	2,473690E+22	2,401867E+22	2,401871E+22	2,473717E+22	2,529579E+22	2,493843E+22	2,376089E+22	2,268511E+22	2,268515E+22	2,376105E+22	2,493871E+22
-347	2,529607E+22	2,473720E+22	2,401839E+22	2,401814E+22	2,473637E+22	2,529512E+22	2,493817E+22	2,376095E+22	2,268524E+22	2,268516E+22	2,376075E+22	2,493799E+22
-346	2,529504E+22	2,473608E+22	2,401739E+22	2,401764E+22	2,473632E+22	2,529512E+22	2,493811E+22	2,376093E+22	2,268520E+22	2,268490E+22	2,376034E+22	2,493766E+22
-345	2,529530E+22	2,473726E+22	2,401881E+22	2,401868E+22	2,473717E+22	2,529575E+22	2,493831E+22	2,376071E+22	2,268492E+22	2,268497E+22	2,376078E+22	2,493807E+22
-344	2,529503E+22	2,473627E+22	2,401777E+22	2,401768E+22	2,473611E+22	2,529500E+22	2,493800E+22	2,376062E+22	2,268481E+22	2,268476E+22	2,376042E+22	2,493764E+22
-343	2,529454E+22	2,473560E+22	2,401727E+22	2,401779E+22	2,473659E+22	2,529538E+22	2,493812E+22	2,376054E+22	2,268464E+22	2,268464E+22	2,376057E+22	2,493813E+22
-342	2,529550E+22	2,473673E+22	2,401789E+22	2,401805E+22	2,473683E+22	2,529556E+22	2,493817E+22	2,376052E+22	2,268466E+22	2,268480E+22	2,376082E+22	2,493821E+22
-341	2,529503E+22	2,473579E+22	2,401663E+22	2,401656E+22	2,473571E+22	2,529514E+22	2,493813E+22	2,376052E+22	2,268448E+22	2,268435E+22	2,376020E+22	2,493773E+22
-340	2,529494E+22	2,473632E+22	2,401786E+22	2,401777E+22	2,473630E+22	2,529526E+22	2,493819E+22	2,376060E+22	2,268458E+22	2,268447E+22	2,376039E+22	2,493821E+22
-339	2,529579E+22	2,473700E+22	2,401815E+22	2,401792E+22	2,473612E+22	2,529475E+22	2,493773E+22	2,376049E+22	2,268482E+22	2,268489E+22	2,376063E+22	2,493784E+22
-338	2,529480E+22	2,473576E+22	2,401696E+22	2,401732E+22	2,473620E+22	2,529496E+22	2,493774E+22	2,376046E+22	2,268484E+22	2,268480E+22	2,376044E+22	2,493767E+22
-337	2,529499E+22	2,473679E+22	2,401845E+22	2,401853E+22	2,473723E+22	2,529589E+22	2,493831E+22	2,376054E+22	2,268474E+22	2,268493E+22	2,376095E+22	2,493847E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-336	2,529547E+22	2,473654E+22	2,401799E+22	2,401795E+22	2,473636E+22	2,529522E+22	2,493821E+22	2,376084E+22	2,268505E+22	2,268498E+22	2,376063E+22	2,493792E+22
-335	2,529495E+22	2,473600E+22	2,401753E+22	2,401791E+22	2,473659E+22	2,529540E+22	2,493842E+22	2,376120E+22	2,268545E+22	2,268524E+22	2,376074E+22	2,493803E+22
-334	2,529557E+22	2,473737E+22	2,401889E+22	2,401882E+22	2,473717E+22	2,529567E+22	2,493849E+22	2,376132E+22	2,268584E+22	2,268585E+22	2,376134E+22	2,493834E+22
-333	2,529524E+22	2,473656E+22	2,401801E+22	2,401784E+22	2,473631E+22	2,529522E+22	2,493832E+22	2,376132E+22	2,268589E+22	2,268579E+22	2,376102E+22	2,493783E+22
-332	2,529480E+22	2,473648E+22	2,401859E+22	2,401879E+22	2,473705E+22	2,529552E+22	2,493839E+22	2,376133E+22	2,268593E+22	2,268594E+22	2,376137E+22	2,493854E+22
-331	2,529589E+22	2,473743E+22	2,401903E+22	2,401901E+22	2,473709E+22	2,529537E+22	2,493815E+22	2,376113E+22	2,268590E+22	2,268614E+22	2,376167E+22	2,493858E+22
-330	2,529531E+22	2,473634E+22	2,401767E+22	2,401784E+22	2,473654E+22	2,529527E+22	2,493822E+22	2,376123E+22	2,268579E+22	2,268563E+22	2,376097E+22	2,493803E+22
-329	2,529527E+22	2,473710E+22	2,401894E+22	2,401888E+22	2,473725E+22	2,529585E+22	2,493860E+22	2,376127E+22	2,268563E+22	2,268556E+22	2,376114E+22	2,493858E+22
-328	2,529591E+22	2,473728E+22	2,401884E+22	2,401862E+22	2,473654E+22	2,529501E+22	2,493812E+22	2,376113E+22	2,268561E+22	2,268550E+22	2,376082E+22	2,493780E+22
-327	2,529486E+22	2,473620E+22	2,401778E+22	2,401809E+22	2,473661E+22	2,529513E+22	2,493807E+22	2,376105E+22	2,268553E+22	2,268542E+22	2,376081E+22	2,493776E+22
-326	2,529498E+22	2,473697E+22	2,401883E+22	2,401889E+22	2,473736E+22	2,529578E+22	2,493828E+22	2,376085E+22	2,268533E+22	2,268552E+22	2,376129E+22	2,493846E+22
-325	2,529518E+22	2,473623E+22	2,401767E+22	2,401764E+22	2,473630E+22	2,529532E+22	2,493822E+22	2,376078E+22	2,268502E+22	2,268499E+22	2,376060E+22	2,493778E+22
-324	2,529471E+22	2,473582E+22	2,401744E+22	2,401779E+22	2,473653E+22	2,529540E+22	2,493834E+22	2,376093E+22	2,268504E+22	2,268488E+22	2,376058E+22	2,493816E+22
-323	2,529577E+22	2,473717E+22	2,401828E+22	2,401816E+22	2,473660E+22	2,529519E+22	2,493801E+22	2,376071E+22	2,268506E+22	2,268512E+22	2,376091E+22	2,493825E+22
-322	2,529522E+22	2,473624E+22	2,401724E+22	2,401704E+22	2,473578E+22	2,529479E+22	2,493790E+22	2,376079E+22	2,268507E+22	2,268482E+22	2,376030E+22	2,493750E+22
-321	2,529467E+22	2,473640E+22	2,401829E+22	2,401832E+22	2,473671E+22	2,529535E+22	2,493815E+22	2,376078E+22	2,268506E+22	2,268504E+22	2,376077E+22	2,493828E+22
-320	2,529560E+22	2,473694E+22	2,401854E+22	2,401854E+22	2,473662E+22	2,529497E+22	2,493778E+22	2,376056E+22	2,268503E+22	2,268519E+22	2,376085E+22	2,493795E+22
-319	2,529484E+22	2,473591E+22	2,401727E+22	2,401767E+22	2,473653E+22	2,529525E+22	2,493807E+22	2,376079E+22	2,268517E+22	2,268519E+22	2,376080E+22	2,493784E+22
-318	2,529496E+22	2,473678E+22	2,401859E+22	2,401869E+22	2,473732E+22	2,529595E+22	2,493857E+22	2,376110E+22	2,268545E+22	2,268550E+22	2,376124E+22	2,493865E+22
-317	2,529569E+22	2,473685E+22	2,401823E+22	2,401801E+22	2,473644E+22	2,529537E+22	2,493843E+22	2,376129E+22	2,268570E+22	2,268552E+22	2,376076E+22	2,493775E+22
-316	2,529485E+22	2,473628E+22	2,401805E+22	2,401825E+22	2,473661E+22	2,529527E+22	2,493847E+22	2,376164E+22	2,268619E+22	2,268592E+22	2,376102E+22	2,493801E+22
-315	2,529554E+22	2,473751E+22	2,401931E+22	2,401926E+22	2,473727E+22	2,529536E+22	2,493813E+22	2,376135E+22	2,268630E+22	2,268648E+22	2,376185E+22	2,493865E+22
-314	2,529538E+22	2,473670E+22	2,401832E+22	2,401826E+22	2,473657E+22	2,529511E+22	2,493813E+22	2,376142E+22	2,268629E+22	2,268625E+22	2,376136E+22	2,493801E+22
-313	2,529483E+22	2,473651E+22	2,401875E+22	2,401903E+22	2,473728E+22	2,529570E+22	2,493854E+22	2,376152E+22	2,268621E+22	2,268626E+22	2,376165E+22	2,493877E+22
-312	2,529604E+22	2,473763E+22	2,401939E+22	2,401933E+22	2,473722E+22	2,529537E+22	2,493821E+22	2,376129E+22	2,268607E+22	2,268619E+22	2,376157E+22	2,493849E+22
-311	2,529545E+22	2,473680E+22	2,401823E+22	2,401817E+22	2,473664E+22	2,529528E+22	2,493833E+22	2,376147E+22	2,268612E+22	2,268595E+22	2,376107E+22	2,493784E+22
-310	2,529502E+22	2,473713E+22	2,401932E+22	2,401927E+22	2,473738E+22	2,529575E+22	2,493857E+22	2,376157E+22	2,268621E+22	2,268611E+22	2,376137E+22	2,493852E+22
-309	2,529577E+22	2,473726E+22	2,401899E+22	2,401891E+22	2,473698E+22	2,529534E+22	2,493819E+22	2,376127E+22	2,268598E+22	2,268592E+22	2,376103E+22	2,493771E+22
-308	2,529464E+22	2,473613E+22	2,401796E+22	2,401832E+22	2,473688E+22	2,529540E+22	2,493832E+22	2,376135E+22	2,268593E+22	2,268581E+22	2,376105E+22	2,493794E+22
-307	2,529511E+22	2,473693E+22	2,401884E+22	2,401891E+22	2,473731E+22	2,529569E+22	2,493830E+22	2,376106E+22	2,268565E+22	2,268583E+22	2,376155E+22	2,493878E+22
-306	2,529553E+22	2,473650E+22	2,401786E+22	2,401770E+22	2,473622E+22	2,529513E+22	2,493825E+22	2,376121E+22	2,268558E+22	2,268536E+22	2,376069E+22	2,493775E+22
-305	2,529478E+22	2,473608E+22	2,401778E+22	2,401793E+22	2,473647E+22	2,529528E+22	2,493836E+22	2,376124E+22	2,268560E+22	2,268540E+22	2,376082E+22	2,493814E+22
-304	2,529570E+22	2,473737E+22	2,401889E+22	2,401867E+22	2,473669E+22	2,529494E+22	2,493780E+22	2,376078E+22	2,268540E+22	2,268551E+22	2,376108E+22	2,493818E+22
-303	2,529519E+22	2,473651E+22	2,401783E+22	2,401764E+22	2,473619E+22	2,529485E+22	2,493777E+22	2,376076E+22	2,268535E+22	2,268535E+22	2,376076E+22	2,493762E+22
-302	2,529450E+22	2,473626E+22	2,401847E+22	2,401866E+22	2,473704E+22	2,529552E+22	2,493819E+22	2,376092E+22	2,268545E+22	2,268551E+22	2,376114E+22	2,493855E+22
-301	2,529578E+22	2,473701E+22	2,401859E+22	2,401867E+22	2,473700E+22	2,529543E+22	2,493810E+22	2,376085E+22	2,268535E+22	2,268542E+22	2,376092E+22	2,493794E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-300	2,529493E+22	2,473618E+22	2,401764E+22	2,401785E+22	2,473659E+22	2,529535E+22	2,493839E+22	2,376135E+22	2,268578E+22	2,268555E+22	2,376079E+22	2,493778E+22
-299	2,529507E+22	2,473701E+22	2,401896E+22	2,401887E+22	2,473716E+22	2,529564E+22	2,493848E+22	2,376145E+22	2,268610E+22	2,268607E+22	2,376147E+22	2,493864E+22
-298	2,529573E+22	2,473713E+22	2,401876E+22	2,401848E+22	2,473653E+22	2,529508E+22	2,493828E+22	2,376166E+22	2,268644E+22	2,268623E+22	2,376109E+22	2,493765E+22
-297	2,529462E+22	2,473628E+22	2,401840E+22	2,401869E+22	2,473693E+22	2,529532E+22	2,493840E+22	2,376178E+22	2,268670E+22	2,268662E+22	2,376157E+22	2,493823E+22
-296	2,529546E+22	2,473750E+22	2,401967E+22	2,401970E+22	2,473756E+22	2,529545E+22	2,493810E+22	2,376136E+22	2,268647E+22	2,268677E+22	2,376212E+22	2,493889E+22
-295	2,529563E+22	2,473699E+22	2,401870E+22	2,401862E+22	2,473684E+22	2,529528E+22	2,493827E+22	2,376155E+22	2,268650E+22	2,268656E+22	2,376164E+22	2,493816E+22
-294	2,529494E+22	2,473665E+22	2,401896E+22	2,401921E+22	2,473738E+22	2,529574E+22	2,493868E+22	2,376188E+22	2,268671E+22	2,268663E+22	2,376176E+22	2,493881E+22
-293	2,529624E+22	2,473796E+22	2,401969E+22	2,401950E+22	2,473742E+22	2,529560E+22	2,493840E+22	2,376162E+22	2,268652E+22	2,268652E+22	2,376154E+22	2,493818E+22
-292	2,529525E+22	2,473700E+22	2,401877E+22	2,401860E+22	2,473678E+22	2,529527E+22	2,493845E+22	2,376187E+22	2,268672E+22	2,268645E+22	2,376122E+22	2,493773E+22
-291	2,529485E+22	2,473699E+22	2,401951E+22	2,401959E+22	2,473753E+22	2,529563E+22	2,493840E+22	2,376165E+22	2,268664E+22	2,268666E+22	2,376179E+22	2,493872E+22
-290	2,529580E+22	2,473723E+22	2,401910E+22	2,401910E+22	2,473711E+22	2,529534E+22	2,493823E+22	2,376151E+22	2,268638E+22	2,268636E+22	2,376133E+22	2,493784E+22
-289	2,529466E+22	2,473609E+22	2,401796E+22	2,401831E+22	2,473688E+22	2,529548E+22	2,493849E+22	2,376162E+22	2,268629E+22	2,268618E+22	2,376134E+22	2,493815E+22
-288	2,529530E+22	2,473717E+22	2,401915E+22	2,401903E+22	2,473717E+22	2,529548E+22	2,493823E+22	2,376121E+22	2,268590E+22	2,268599E+22	2,376155E+22	2,493877E+22
-287	2,529578E+22	2,473700E+22	2,401845E+22	2,401804E+22	2,473620E+22	2,529491E+22	2,493810E+22	2,376127E+22	2,268591E+22	2,268580E+22	2,376090E+22	2,493764E+22
-286	2,529463E+22	2,473617E+22	2,401825E+22	2,401844E+22	2,473666E+22	2,529514E+22	2,493818E+22	2,376135E+22	2,268606E+22	2,268595E+22	2,376113E+22	2,493817E+22
-285	2,529567E+22	2,473747E+22	2,401917E+22	2,401911E+22	2,473724E+22	2,529530E+22	2,493781E+22	2,376078E+22	2,268563E+22	2,268584E+22	2,376126E+22	2,493809E+22
-284	2,529501E+22	2,473653E+22	2,401818E+22	2,401805E+22	2,473657E+22	2,529522E+22	2,493810E+22	2,376108E+22	2,268572E+22	2,268566E+22	2,376090E+22	2,493773E+22
-283	2,529460E+22	2,473621E+22	2,401855E+22	2,401885E+22	2,473718E+22	2,529561E+22	2,493837E+22	2,376127E+22	2,268591E+22	2,268590E+22	2,376133E+22	2,493866E+22
-282	2,529600E+22	2,473726E+22	2,401883E+22	2,401881E+22	2,473699E+22	2,529538E+22	2,493832E+22	2,376145E+22	2,268608E+22	2,268595E+22	2,376104E+22	2,493780E+22
-281	2,529486E+22	2,473635E+22	2,401799E+22	2,401806E+22	2,473655E+22	2,529529E+22	2,493853E+22	2,376184E+22	2,268656E+22	2,268630E+22	2,376119E+22	2,493779E+22
-280	2,529495E+22	2,473713E+22	2,401949E+22	2,401934E+22	2,473720E+22	2,529536E+22	2,493826E+22	2,376159E+22	2,268660E+22	2,268667E+22	2,376187E+22	2,493874E+22
-279	2,529577E+22	2,473733E+22	2,401924E+22	2,401901E+22	2,473684E+22	2,529506E+22	2,493808E+22	2,376158E+22	2,268678E+22	2,268690E+22	2,376173E+22	2,493794E+22
-278	2,529463E+22	2,473625E+22	2,401858E+22	2,401899E+22	2,473718E+22	2,529544E+22	2,493840E+22	2,376185E+22	2,268701E+22	2,268707E+22	2,376200E+22	2,493861E+22
-277	2,529583E+22	2,473777E+22	2,401981E+22	2,401984E+22	2,473785E+22	2,529579E+22	2,493833E+22	2,376155E+22	2,268668E+22	2,268690E+22	2,376210E+22	2,493883E+22
-276	2,529580E+22	2,473743E+22	2,401925E+22	2,401894E+22	2,473693E+22	2,529539E+22	2,493854E+22	2,376202E+22	2,268698E+22	2,268675E+22	2,376148E+22	2,493801E+22
-275	2,529503E+22	2,473690E+22	2,401940E+22	2,401956E+22	2,473737E+22	2,529554E+22	2,493862E+22	2,376218E+22	2,268726E+22	2,268708E+22	2,376183E+22	2,493860E+22
-274	2,529613E+22	2,473815E+22	2,402016E+22	2,402000E+22	2,473761E+22	2,529550E+22	2,493841E+22	2,376200E+22	2,268714E+22	2,268708E+22	2,376176E+22	2,493797E+22
-273	2,529488E+22	2,473683E+22	2,401897E+22	2,401897E+22	2,473708E+22	2,529547E+22	2,493857E+22	2,376211E+22	2,268720E+22	2,268707E+22	2,376171E+22	2,493789E+22
-272	2,529467E+22	2,473681E+22	2,401960E+22	2,401979E+22	2,473763E+22	2,529570E+22	2,493847E+22	2,376177E+22	2,268686E+22	2,268697E+22	2,376209E+22	2,493894E+22
-271	2,529601E+22	2,473741E+22	2,401928E+22	2,401926E+22	2,473717E+22	2,529537E+22	2,493830E+22	2,376164E+22	2,268668E+22	2,268679E+22	2,376169E+22	2,493802E+22
-270	2,529482E+22	2,473625E+22	2,401809E+22	2,401833E+22	2,473676E+22	2,529533E+22	2,493846E+22	2,376185E+22	2,268674E+22	2,268660E+22	2,376154E+22	2,493825E+22
-269	2,529554E+22	2,473753E+22	2,401945E+22	2,401920E+22	2,473725E+22	2,529548E+22	2,493818E+22	2,376133E+22	2,268624E+22	2,268632E+22	2,376160E+22	2,493856E+22
-268	2,529567E+22	2,473728E+22	2,401909E+22	2,401864E+22	2,473643E+22	2,529485E+22	2,493803E+22	2,376143E+22	2,268630E+22	2,268615E+22	2,376105E+22	2,493765E+22
-267	2,529457E+22	2,473610E+22	2,401847E+22	2,401886E+22	2,473694E+22	2,529513E+22	2,493801E+22	2,376132E+22	2,268632E+22	2,268636E+22	2,376145E+22	2,493831E+22
-266	2,529572E+22	2,473752E+22	2,401935E+22	2,401940E+22	2,473748E+22	2,529552E+22	2,493807E+22	2,376110E+22	2,268595E+22	2,268615E+22	2,376142E+22	2,493811E+22
-265	2,529499E+22	2,473655E+22	2,401829E+22	2,401819E+22	2,473667E+22	2,529543E+22	2,493846E+22	2,376155E+22	2,268621E+22	2,268607E+22	2,376111E+22	2,493776E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-264	2,529463E+22	2,473640E+22	2,401887E+22	2,401900E+22	2,473707E+22	2,529549E+22	2,493846E+22	2,376164E+22	2,268642E+22	2,268628E+22	2,376141E+22	2,493856E+22
-263	2,529607E+22	2,473765E+22	2,401940E+22	2,401922E+22	2,473702E+22	2,529520E+22	2,493822E+22	2,376164E+22	2,268669E+22	2,268669E+22	2,376145E+22	2,493774E+22
-262	2,529469E+22	2,473639E+22	2,401836E+22	2,401851E+22	2,473672E+22	2,529514E+22	2,493837E+22	2,376203E+22	2,268717E+22	2,268705E+22	2,376172E+22	2,493800E+22
-261	2,529504E+22	2,473728E+22	2,401971E+22	2,401972E+22	2,473764E+22	2,529561E+22	2,493826E+22	2,376165E+22	2,268690E+22	2,268711E+22	2,376220E+22	2,493886E+22
-260	2,529581E+22	2,473754E+22	2,401969E+22	2,401948E+22	2,473714E+22	2,529528E+22	2,493832E+22	2,376188E+22	2,268712E+22	2,268718E+22	2,376192E+22	2,493818E+22
-259	2,529491E+22	2,473642E+22	2,401882E+22	2,401926E+22	2,473729E+22	2,529546E+22	2,493850E+22	2,376214E+22	2,268741E+22	2,268740E+22	2,376214E+22	2,493869E+22
-258	2,529608E+22	2,473820E+22	2,402025E+22	2,402011E+22	2,473787E+22	2,529579E+22	2,493858E+22	2,376209E+22	2,268728E+22	2,268731E+22	2,376211E+22	2,493856E+22
-257	2,529562E+22	2,473761E+22	2,401972E+22	2,401934E+22	2,473703E+22	2,529541E+22	2,493872E+22	2,376248E+22	2,268767E+22	2,268741E+22	2,376177E+22	2,493785E+22
-256	2,529474E+22	2,473691E+22	2,401983E+22	2,402006E+22	2,473755E+22	2,529541E+22	2,493849E+22	2,376234E+22	2,268773E+22	2,268762E+22	2,376217E+22	2,493859E+22
-255	2,529598E+22	2,473814E+22	2,402041E+22	2,402041E+22	2,473793E+22	2,529557E+22	2,493829E+22	2,376194E+22	2,268747E+22	2,268772E+22	2,376233E+22	2,493821E+22
-254	2,529481E+22	2,473664E+22	2,401890E+22	2,401906E+22	2,473718E+22	2,529555E+22	2,493865E+22	2,376226E+22	2,268751E+22	2,268749E+22	2,376215E+22	2,493829E+22
-253	2,529503E+22	2,473702E+22	2,401956E+22	2,401972E+22	2,473766E+22	2,529578E+22	2,493858E+22	2,376193E+22	2,268703E+22	2,268708E+22	2,376211E+22	2,493894E+22
-252	2,529617E+22	2,473783E+22	2,401972E+22	2,401946E+22	2,473707E+22	2,529523E+22	2,493836E+22	2,376193E+22	2,268705E+22	2,268694E+22	2,376163E+22	2,493799E+22
-251	2,529495E+22	2,473651E+22	2,401850E+22	2,401868E+22	2,473675E+22	2,529505E+22	2,493822E+22	2,376190E+22	2,268708E+22	2,268697E+22	2,376166E+22	2,493814E+22
-250	2,529552E+22	2,473779E+22	2,401992E+22	2,401971E+22	2,473746E+22	2,529542E+22	2,493815E+22	2,376152E+22	2,268659E+22	2,268669E+22	2,376175E+22	2,493838E+22
-249	2,529537E+22	2,473720E+22	2,401935E+22	2,401912E+22	2,473684E+22	2,529516E+22	2,493823E+22	2,376164E+22	2,268664E+22	2,268657E+22	2,376137E+22	2,493771E+22
-248	2,529442E+22	2,473605E+22	2,401865E+22	2,401916E+22	2,473714E+22	2,529529E+22	2,493820E+22	2,376157E+22	2,268658E+22	2,268659E+22	2,376159E+22	2,493836E+22
-247	2,529579E+22	2,473769E+22	2,401957E+22	2,401964E+22	2,473763E+22	2,529564E+22	2,493826E+22	2,376141E+22	2,268645E+22	2,268667E+22	2,376170E+22	2,493812E+22
-246	2,529499E+22	2,473666E+22	2,401845E+22	2,401830E+22	2,473660E+22	2,529538E+22	2,493862E+22	2,376202E+22	2,268693E+22	2,268672E+22	2,376146E+22	2,493784E+22
-245	2,529475E+22	2,473669E+22	2,401912E+22	2,401921E+22	2,473712E+22	2,529541E+22	2,493847E+22	2,376195E+22	2,268700E+22	2,268688E+22	2,376171E+22	2,493847E+22
-244	2,529593E+22	2,473788E+22	2,401996E+22	2,401979E+22	2,473724E+22	2,529510E+22	2,493814E+22	2,376188E+22	2,268724E+22	2,268727E+22	2,376189E+22	2,493801E+22
-243	2,529478E+22	2,473642E+22	2,401860E+22	2,401891E+22	2,473696E+22	2,529509E+22	2,493815E+22	2,376199E+22	2,268749E+22	2,268757E+22	2,376219E+22	2,493834E+22
-242	2,529531E+22	2,473755E+22	2,402001E+22	2,402003E+22	2,473778E+22	2,529571E+22	2,493847E+22	2,376193E+22	2,268721E+22	2,268741E+22	2,376240E+22	2,493896E+22
-241	2,529594E+22	2,473780E+22	2,402004E+22	2,401982E+22	2,473731E+22	2,529543E+22	2,493860E+22	2,376230E+22	2,268758E+22	2,268751E+22	2,376204E+22	2,493815E+22
-240	2,529494E+22	2,473678E+22	2,401933E+22	2,401960E+22	2,473730E+22	2,529534E+22	2,493855E+22	2,376246E+22	2,268787E+22	2,268772E+22	2,376214E+22	2,493846E+22
-239	2,529598E+22	2,473853E+22	2,402088E+22	2,402070E+22	2,473810E+22	2,529574E+22	2,493852E+22	2,376227E+22	2,268786E+22	2,268800E+22	2,376243E+22	2,493839E+22
-238	2,529530E+22	2,473752E+22	2,401995E+22	2,401978E+22	2,473732E+22	2,529544E+22	2,493871E+22	2,376270E+22	2,268822E+22	2,268808E+22	2,376225E+22	2,493799E+22
-237	2,529467E+22	2,473683E+22	2,401976E+22	2,402024E+22	2,473792E+22	2,529569E+22	2,493861E+22	2,376247E+22	2,268801E+22	2,268800E+22	2,376249E+22	2,493872E+22
-236	2,529595E+22	2,473818E+22	2,402058E+22	2,402065E+22	2,473809E+22	2,529571E+22	2,493852E+22	2,376225E+22	2,268778E+22	2,268792E+22	2,376253E+22	2,493855E+22
-235	2,529511E+22	2,473675E+22	2,401891E+22	2,401906E+22	2,473708E+22	2,529538E+22	2,493861E+22	2,376245E+22	2,268785E+22	2,268778E+22	2,376230E+22	2,493844E+22
-234	2,529535E+22	2,473749E+22	2,401993E+22	2,401981E+22	2,473743E+22	2,529558E+22	2,493868E+22	2,376229E+22	2,268745E+22	2,268738E+22	2,376214E+22	2,493877E+22
-233	2,529607E+22	2,473808E+22	2,402022E+22	2,401988E+22	2,473711E+22	2,529508E+22	2,493834E+22	2,376218E+22	2,268751E+22	2,268741E+22	2,376185E+22	2,493786E+22
-232	2,529471E+22	2,473664E+22	2,401896E+22	2,401919E+22	2,473696E+22	2,529491E+22	2,493801E+22	2,376190E+22	2,268733E+22	2,268730E+22	2,376187E+22	2,493812E+22
-231	2,529537E+22	2,473784E+22	2,402023E+22	2,402019E+22	2,473788E+22	2,529561E+22	2,493810E+22	2,376144E+22	2,268683E+22	2,268716E+22	2,376210E+22	2,493847E+22
-230	2,529527E+22	2,473708E+22	2,401933E+22	2,401927E+22	2,473705E+22	2,529538E+22	2,493849E+22	2,376194E+22	2,268700E+22	2,268692E+22	2,376164E+22	2,493792E+22
-229	2,529465E+22	2,473624E+22	2,401862E+22	2,401918E+22	2,473726E+22	2,529543E+22	2,493846E+22	2,376197E+22	2,268701E+22	2,268684E+22	2,376162E+22	2,493826E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-228	2,529577E+22	2,473801E+22	2,402004E+22	2,401995E+22	2,473762E+22	2,529553E+22	2,493840E+22	2,376190E+22	2,268708E+22	2,268706E+22	2,376182E+22	2,493816E+22
-227	2,529501E+22	2,473681E+22	2,401882E+22	2,401868E+22	2,473662E+22	2,529506E+22	2,493840E+22	2,376223E+22	2,268753E+22	2,268741E+22	2,376187E+22	2,493793E+22
-226	2,529477E+22	2,473696E+22	2,401960E+22	2,401966E+22	2,473725E+22	2,529532E+22	2,493845E+22	2,376217E+22	2,268748E+22	2,268747E+22	2,376214E+22	2,493855E+22
-225	2,529578E+22	2,473791E+22	2,402028E+22	2,402026E+22	2,473759E+22	2,529533E+22	2,493829E+22	2,376210E+22	2,268765E+22	2,268780E+22	2,376234E+22	2,493825E+22
-224	2,529484E+22	2,473663E+22	2,401896E+22	2,401929E+22	2,473719E+22	2,529518E+22	2,493826E+22	2,376219E+22	2,268776E+22	2,268782E+22	2,376236E+22	2,493848E+22
-223	2,529555E+22	2,473793E+22	2,402043E+22	2,402041E+22	2,473801E+22	2,529580E+22	2,493853E+22	2,376216E+22	2,268769E+22	2,268788E+22	2,376255E+22	2,493890E+22
-222	2,529594E+22	2,473800E+22	2,402036E+22	2,402012E+22	2,473743E+22	2,529547E+22	2,493879E+22	2,376276E+22	2,268823E+22	2,268807E+22	2,376226E+22	2,493812E+22
-221	2,529494E+22	2,473701E+22	2,401965E+22	2,402000E+22	2,473755E+22	2,529534E+22	2,493859E+22	2,376278E+22	2,268842E+22	2,268823E+22	2,376235E+22	2,493829E+22
-220	2,529564E+22	2,473852E+22	2,402129E+22	2,402124E+22	2,473842E+22	2,529578E+22	2,493854E+22	2,376254E+22	2,268835E+22	2,268847E+22	2,376281E+22	2,493864E+22
-219	2,529527E+22	2,473736E+22	2,401995E+22	2,401997E+22	2,473750E+22	2,529547E+22	2,493866E+22	2,376277E+22	2,268856E+22	2,268857E+22	2,376271E+22	2,493835E+22
-218	2,529493E+22	2,473704E+22	2,401986E+22	2,402021E+22	2,473779E+22	2,529568E+22	2,493885E+22	2,376278E+22	2,268829E+22	2,268825E+22	2,376265E+22	2,493883E+22
-217	2,529608E+22	2,473842E+22	2,402080E+22	2,402073E+22	2,473802E+22	2,529566E+22	2,493866E+22	2,376261E+22	2,268820E+22	2,268821E+22	2,376261E+22	2,493853E+22
-216	2,529521E+22	2,473720E+22	2,401944E+22	2,401931E+22	2,473696E+22	2,529505E+22	2,493841E+22	2,376256E+22	2,268815E+22	2,268799E+22	2,376226E+22	2,493826E+22
-215	2,529531E+22	2,473784E+22	2,402056E+22	2,402041E+22	2,473767E+22	2,529539E+22	2,493837E+22	2,376224E+22	2,268783E+22	2,268790E+22	2,376235E+22	2,493861E+22
-214	2,529579E+22	2,473801E+22	2,402049E+22	2,402038E+22	2,473753E+22	2,529521E+22	2,493833E+22	2,376229E+22	2,268785E+22	2,268785E+22	2,376218E+22	2,493797E+22
-213	2,529464E+22	2,473658E+22	2,401899E+22	2,401949E+22	2,473742E+22	2,529526E+22	2,493822E+22	2,376206E+22	2,268755E+22	2,268754E+22	2,376203E+22	2,493812E+22
-212	2,529522E+22	2,473781E+22	2,402043E+22	2,402049E+22	2,473816E+22	2,529587E+22	2,493847E+22	2,376191E+22	2,268723E+22	2,268735E+22	2,376221E+22	2,493868E+22
-211	2,529542E+22	2,473714E+22	2,401935E+22	2,401928E+22	2,473704E+22	2,529533E+22	2,493860E+22	2,376234E+22	2,268759E+22	2,268742E+22	2,376186E+22	2,493801E+22
-210	2,529483E+22	2,473662E+22	2,401895E+22	2,401921E+22	2,473703E+22	2,529527E+22	2,493867E+22	2,376248E+22	2,268767E+22	2,268742E+22	2,376185E+22	2,493818E+22
-209	2,529563E+22	2,473815E+22	2,402047E+22	2,402036E+22	2,473770E+22	2,529536E+22	2,493836E+22	2,376224E+22	2,268775E+22	2,268778E+22	2,376229E+22	2,493825E+22
-208	2,529491E+22	2,473696E+22	2,401925E+22	2,401912E+22	2,473681E+22	2,529486E+22	2,493809E+22	2,376218E+22	2,268786E+22	2,268791E+22	2,376231E+22	2,493818E+22
-207	2,529486E+22	2,473715E+22	2,402000E+22	2,402015E+22	2,473763E+22	2,529540E+22	2,493828E+22	2,376207E+22	2,268775E+22	2,268799E+22	2,376256E+22	2,493882E+22
-206	2,529592E+22	2,473803E+22	2,402048E+22	2,402050E+22	2,473780E+22	2,529547E+22	2,493848E+22	2,376236E+22	2,268797E+22	2,268809E+22	2,376255E+22	2,493845E+22
-205	2,529514E+22	2,473700E+22	2,401922E+22	2,401950E+22	2,473737E+22	2,529529E+22	2,493846E+22	2,376255E+22	2,268816E+22	2,268802E+22	2,376226E+22	2,493826E+22
-204	2,529546E+22	2,473828E+22	2,402107E+22	2,402094E+22	2,473822E+22	2,529582E+22	2,493871E+22	2,376264E+22	2,268828E+22	2,268821E+22	2,376257E+22	2,493879E+22
-203	2,529582E+22	2,473808E+22	2,402072E+22	2,402056E+22	2,473764E+22	2,529535E+22	2,493868E+22	2,376303E+22	2,268886E+22	2,268873E+22	2,376260E+22	2,493811E+22
-202	2,529484E+22	2,473713E+22	2,401997E+22	2,402030E+22	2,473772E+22	2,529545E+22	2,493879E+22	2,376311E+22	2,268892E+22	2,268880E+22	2,376274E+22	2,493835E+22
-201	2,529542E+22	2,473837E+22	2,402144E+22	2,402152E+22	2,473866E+22	2,529597E+22	2,493877E+22	2,376287E+22	2,268881E+22	2,268897E+22	2,376321E+22	2,493886E+22
-200	2,529534E+22	2,473749E+22	2,402015E+22	2,402009E+22	2,473749E+22	2,529537E+22	2,493866E+22	2,376297E+22	2,268887E+22	2,268885E+22	2,376290E+22	2,493853E+22
-199	2,529519E+22	2,473741E+22	2,402024E+22	2,402042E+22	2,473781E+22	2,529553E+22	2,493869E+22	2,376290E+22	2,268875E+22	2,268873E+22	2,376281E+22	2,493882E+22
-198	2,529613E+22	2,473866E+22	2,402115E+22	2,402093E+22	2,473800E+22	2,529551E+22	2,493864E+22	2,376286E+22	2,268869E+22	2,268869E+22	2,376282E+22	2,493851E+22
-197	2,529523E+22	2,473741E+22	2,401983E+22	2,401978E+22	2,473725E+22	2,529498E+22	2,493828E+22	2,376266E+22	2,268848E+22	2,268834E+22	2,376239E+22	2,493811E+22
-196	2,529504E+22	2,473784E+22	2,402098E+22	2,402101E+22	2,473815E+22	2,529556E+22	2,493836E+22	2,376234E+22	2,268809E+22	2,268813E+22	2,376257E+22	2,493882E+22
-195	2,529575E+22	2,473783E+22	2,402048E+22	2,402059E+22	2,473785E+22	2,529541E+22	2,493840E+22	2,376239E+22	2,268810E+22	2,268819E+22	2,376247E+22	2,493821E+22
-194	2,529485E+22	2,473677E+22	2,401911E+22	2,401944E+22	2,473736E+22	2,529542E+22	2,493865E+22	2,376251E+22	2,268791E+22	2,268778E+22	2,376213E+22	2,493813E+22
-193	2,529520E+22	2,473788E+22	2,402061E+22	2,402057E+22	2,473812E+22	2,529589E+22	2,493873E+22	2,376244E+22	2,268786E+22	2,268780E+22	2,376233E+22	2,493857E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-192	2,529541E+22	2,473748E+22	2,401981E+22	2,401950E+22	2,473693E+22	2,529503E+22	2,493844E+22	2,376257E+22	2,268813E+22	2,268793E+22	2,376206E+22	2,493797E+22
-191	2,529482E+22	2,473691E+22	2,401952E+22	2,401971E+22	2,473720E+22	2,529501E+22	2,493827E+22	2,376247E+22	2,268821E+22	2,268814E+22	2,376226E+22	2,493822E+22
-190	2,529550E+22	2,473811E+22	2,402072E+22	2,402072E+22	2,473800E+22	2,529543E+22	2,493832E+22	2,376235E+22	2,268815E+22	2,268833E+22	2,376277E+22	2,493856E+22
-189	2,529507E+22	2,473707E+22	2,401947E+22	2,401953E+22	2,473722E+22	2,529506E+22	2,493818E+22	2,376230E+22	2,268807E+22	2,268813E+22	2,376246E+22	2,493828E+22
-188	2,529494E+22	2,473735E+22	2,402040E+22	2,402059E+22	2,473795E+22	2,529560E+22	2,493853E+22	2,376245E+22	2,268809E+22	2,268812E+22	2,376261E+22	2,493899E+22
-187	2,529613E+22	2,473825E+22	2,402073E+22	2,402071E+22	2,473793E+22	2,529552E+22	2,493862E+22	2,376276E+22	2,268855E+22	2,268856E+22	2,376268E+22	2,493840E+22
-186	2,529525E+22	2,473744E+22	2,401978E+22	2,401973E+22	2,473729E+22	2,529527E+22	2,493877E+22	2,376310E+22	2,268885E+22	2,268860E+22	2,376243E+22	2,493802E+22
-185	2,529511E+22	2,473825E+22	2,402152E+22	2,402147E+22	2,473847E+22	2,529581E+22	2,493879E+22	2,376309E+22	2,268905E+22	2,268898E+22	2,376297E+22	2,493872E+22
-184	2,529559E+22	2,473810E+22	2,402103E+22	2,402093E+22	2,473788E+22	2,529530E+22	2,493851E+22	2,376310E+22	2,268931E+22	2,268932E+22	2,376307E+22	2,493835E+22
-183	2,529490E+22	2,473720E+22	2,402019E+22	2,402056E+22	2,473793E+22	2,529548E+22	2,493865E+22	2,376313E+22	2,268932E+22	2,268936E+22	2,376316E+22	2,493864E+22
-182	2,529560E+22	2,473843E+22	2,402149E+22	2,402154E+22	2,473867E+22	2,529599E+22	2,493892E+22	2,376317E+22	2,268919E+22	2,268932E+22	2,376346E+22	2,493912E+22
-181	2,529570E+22	2,473784E+22	2,402045E+22	2,402029E+22	2,473752E+22	2,529524E+22	2,493863E+22	2,376317E+22	2,268919E+22	2,268905E+22	2,376285E+22	2,493838E+22
-180	2,529520E+22	2,473777E+22	2,402091E+22	2,402097E+22	2,473797E+22	2,529543E+22	2,493862E+22	2,376309E+22	2,268910E+22	2,268897E+22	2,376288E+22	2,493879E+22
-179	2,529606E+22	2,473873E+22	2,402150E+22	2,402139E+22	2,473829E+22	2,529547E+22	2,493846E+22	2,376290E+22	2,268905E+22	2,268916E+22	2,376309E+22	2,493850E+22
-178	2,529515E+22	2,473752E+22	2,402015E+22	2,402005E+22	2,473750E+22	2,529528E+22	2,493855E+22	2,376286E+22	2,268876E+22	2,268868E+22	2,376260E+22	2,493810E+22
-177	2,529482E+22	2,473763E+22	2,402109E+22	2,402130E+22	2,473848E+22	2,529591E+22	2,493873E+22	2,376274E+22	2,268850E+22	2,268848E+22	2,376274E+22	2,493882E+22
-176	2,529579E+22	2,473793E+22	2,402057E+22	2,402062E+22	2,473784E+22	2,529541E+22	2,493851E+22	2,376269E+22	2,268849E+22	2,268847E+22	2,376257E+22	2,493827E+22
-175	2,529502E+22	2,473704E+22	2,401941E+22	2,401954E+22	2,473729E+22	2,529528E+22	2,493857E+22	2,376279E+22	2,268854E+22	2,268837E+22	2,376235E+22	2,493810E+22
-174	2,529519E+22	2,473800E+22	2,402089E+22	2,402069E+22	2,473799E+22	2,529567E+22	2,493871E+22	2,376276E+22	2,268847E+22	2,268843E+22	2,376270E+22	2,493865E+22
-173	2,529543E+22	2,473758E+22	2,402016E+22	2,401993E+22	2,473710E+22	2,529482E+22	2,493819E+22	2,376261E+22	2,268852E+22	2,268843E+22	2,376238E+22	2,493800E+22
-172	2,529472E+22	2,473698E+22	2,401997E+22	2,402029E+22	2,473762E+22	2,529511E+22	2,493814E+22	2,376244E+22	2,268841E+22	2,268845E+22	2,376263E+22	2,493858E+22
-171	2,529567E+22	2,473815E+22	2,402085E+22	2,402094E+22	2,473823E+22	2,529554E+22	2,493832E+22	2,376241E+22	2,268839E+22	2,268867E+22	2,376303E+22	2,493879E+22
-170	2,529541E+22	2,473749E+22	2,401986E+22	2,401965E+22	2,473722E+22	2,529524E+22	2,493857E+22	2,376272E+22	2,268844E+22	2,268834E+22	2,376244E+22	2,493817E+22
-169	2,529494E+22	2,473759E+22	2,402088E+22	2,402097E+22	2,473810E+22	2,529568E+22	2,493879E+22	2,376300E+22	2,268877E+22	2,268857E+22	2,376258E+22	2,493865E+22
-168	2,529600E+22	2,473858E+22	2,402132E+22	2,402116E+22	2,473804E+22	2,529536E+22	2,493853E+22	2,376305E+22	2,268917E+22	2,268914E+22	2,376288E+22	2,493824E+22
-167	2,529507E+22	2,473758E+22	2,402034E+22	2,402034E+22	2,473762E+22	2,529523E+22	2,493856E+22	2,376326E+22	2,268954E+22	2,268943E+22	2,376292E+22	2,493805E+22
-166	2,529488E+22	2,473803E+22	2,402161E+22	2,402175E+22	2,473877E+22	2,529602E+22	2,493894E+22	2,376336E+22	2,268959E+22	2,268967E+22	2,376355E+22	2,493904E+22
-165	2,529569E+22	2,473806E+22	2,402112E+22	2,402120E+22	2,473813E+22	2,529544E+22	2,493864E+22	2,376332E+22	2,268965E+22	2,268970E+22	2,376336E+22	2,493856E+22
-164	2,529510E+22	2,473741E+22	2,402050E+22	2,402086E+22	2,473809E+22	2,529554E+22	2,493877E+22	2,376342E+22	2,268965E+22	2,268958E+22	2,376336E+22	2,493891E+22
-163	2,529591E+22	2,473871E+22	2,402172E+22	2,402163E+22	2,473861E+22	2,529587E+22	2,493890E+22	2,376342E+22	2,268968E+22	2,268976E+22	2,376365E+22	2,493916E+22
-162	2,529592E+22	2,473835E+22	2,402105E+22	2,402056E+22	2,473742E+22	2,529516E+22	2,493876E+22	2,376346E+22	2,268961E+22	2,268945E+22	2,376298E+22	2,493820E+22
-161	2,529496E+22	2,473778E+22	2,402135E+22	2,402154E+22	2,473830E+22	2,529547E+22	2,493862E+22	2,376331E+22	2,268955E+22	2,268944E+22	2,376310E+22	2,493864E+22
-160	2,529589E+22	2,473877E+22	2,402175E+22	2,402173E+22	2,473860E+22	2,529559E+22	2,493838E+22	2,376287E+22	2,268926E+22	2,268949E+22	2,376336E+22	2,493862E+22
-159	2,529520E+22	2,473759E+22	2,402035E+22	2,402027E+22	2,473766E+22	2,529538E+22	2,493855E+22	2,376297E+22	2,268910E+22	2,268905E+22	2,376280E+22	2,493817E+22
-158	2,529486E+22	2,473756E+22	2,402101E+22	2,402121E+22	2,473842E+22	2,529599E+22	2,493901E+22	2,376317E+22	2,268897E+22	2,268883E+22	2,376289E+22	2,493886E+22
-157	2,529592E+22	2,473811E+22	2,402082E+22	2,402080E+22	2,473778E+22	2,529523E+22	2,493850E+22	2,376297E+22	2,268895E+22	2,268881E+22	2,376259E+22	2,493809E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-156	2,529495E+22	2,473728E+22	2,401995E+22	2,402001E+22	2,473737E+22	2,529507E+22	2,493841E+22	2,376295E+22	2,268894E+22	2,268878E+22	2,376261E+22	2,493818E+22
-155	2,529515E+22	2,473804E+22	2,402114E+22	2,402103E+22	2,473815E+22	2,529555E+22	2,493849E+22	2,376279E+22	2,268887E+22	2,268902E+22	2,376316E+22	2,493883E+22
-154	2,529553E+22	2,473780E+22	2,402054E+22	2,402021E+22	2,473726E+22	2,529503E+22	2,493837E+22	2,376273E+22	2,268875E+22	2,268878E+22	2,376269E+22	2,493811E+22
-153	2,529468E+22	2,473697E+22	2,402026E+22	2,402072E+22	2,473796E+22	2,529538E+22	2,493843E+22	2,376278E+22	2,268880E+22	2,268878E+22	2,376275E+22	2,493856E+22
-152	2,529582E+22	2,473847E+22	2,402116E+22	2,402118E+22	2,473837E+22	2,529562E+22	2,493841E+22	2,376269E+22	2,268881E+22	2,268899E+22	2,376311E+22	2,493876E+22
-151	2,529555E+22	2,473788E+22	2,402040E+22	2,402002E+22	2,473733E+22	2,529521E+22	2,493857E+22	2,376310E+22	2,268919E+22	2,268898E+22	2,376261E+22	2,493799E+22
-150	2,529479E+22	2,473763E+22	2,402120E+22	2,402131E+22	2,473822E+22	2,529568E+22	2,493895E+22	2,376349E+22	2,268955E+22	2,268933E+22	2,376301E+22	2,493864E+22
-149	2,529583E+22	2,473852E+22	2,402165E+22	2,402172E+22	2,473837E+22	2,529533E+22	2,493844E+22	2,376325E+22	2,268971E+22	2,268978E+22	2,376332E+22	2,493834E+22
-148	2,529495E+22	2,473754E+22	2,402065E+22	2,402083E+22	2,473800E+22	2,529541E+22	2,493860E+22	2,376338E+22	2,268985E+22	2,268989E+22	2,376347E+22	2,493853E+22
-147	2,529512E+22	2,473806E+22	2,402160E+22	2,402178E+22	2,473880E+22	2,529608E+22	2,493903E+22	2,376355E+22	2,268994E+22	2,269011E+22	2,376395E+22	2,493940E+22
-146	2,529614E+22	2,473854E+22	2,402144E+22	2,402118E+22	2,473796E+22	2,529547E+22	2,493892E+22	2,376367E+22	2,269002E+22	2,268996E+22	2,376344E+22	2,493855E+22
-145	2,529522E+22	2,473779E+22	2,402104E+22	2,402125E+22	2,473816E+22	2,529548E+22	2,493883E+22	2,376378E+22	2,269019E+22	2,268997E+22	2,376334E+22	2,493864E+22
-144	2,529592E+22	2,473915E+22	2,402230E+22	2,402207E+22	2,473867E+22	2,529563E+22	2,493864E+22	2,376346E+22	2,269004E+22	2,269016E+22	2,376377E+22	2,493900E+22
-143	2,529578E+22	2,473852E+22	2,402159E+22	2,402119E+22	2,473779E+22	2,529515E+22	2,493854E+22	2,376349E+22	2,269005E+22	2,268995E+22	2,376323E+22	2,493813E+22
-142	2,529471E+22	2,473757E+22	2,402142E+22	2,402184E+22	2,473863E+22	2,529577E+22	2,493886E+22	2,376355E+22	2,268989E+22	2,268983E+22	2,376339E+22	2,493873E+22
-141	2,529581E+22	2,473861E+22	2,402178E+22	2,402199E+22	2,473880E+22	2,529574E+22	2,493858E+22	2,376313E+22	2,268953E+22	2,268969E+22	2,376344E+22	2,493862E+22
-140	2,529522E+22	2,473769E+22	2,402054E+22	2,402048E+22	2,473777E+22	2,529548E+22	2,493874E+22	2,376331E+22	2,268945E+22	2,268931E+22	2,376300E+22	2,493832E+22
-139	2,529499E+22	2,473771E+22	2,402107E+22	2,402114E+22	2,473820E+22	2,529580E+22	2,493901E+22	2,376347E+22	2,268954E+22	2,268941E+22	2,376319E+22	2,493888E+22
-138	2,529601E+22	2,473846E+22	2,402125E+22	2,402096E+22	2,473761E+22	2,529508E+22	2,493853E+22	2,376322E+22	2,268943E+22	2,268935E+22	2,376291E+22	2,493805E+22
-137	2,529477E+22	2,473729E+22	2,402032E+22	2,402057E+22	2,473769E+22	2,529504E+22	2,493826E+22	2,376304E+22	2,268936E+22	2,268931E+22	2,376294E+22	2,493822E+22
-136	2,529518E+22	2,473820E+22	2,402138E+22	2,402135E+22	2,473837E+22	2,529557E+22	2,493831E+22	2,376267E+22	2,268901E+22	2,268934E+22	2,376348E+22	2,493908E+22
-135	2,529575E+22	2,473806E+22	2,402090E+22	2,402058E+22	2,473748E+22	2,529511E+22	2,493837E+22	2,376287E+22	2,268907E+22	2,268907E+22	2,376284E+22	2,493819E+22
-134	2,529480E+22	2,473713E+22	2,402045E+22	2,402089E+22	2,473803E+22	2,529553E+22	2,493876E+22	2,376326E+22	2,268931E+22	2,268913E+22	2,376284E+22	2,493846E+22
-133	2,529582E+22	2,473871E+22	2,402164E+22	2,402164E+22	2,473849E+22	2,529558E+22	2,493852E+22	2,376307E+22	2,268937E+22	2,268941E+22	2,376314E+22	2,493850E+22
-132	2,529537E+22	2,473808E+22	2,402099E+22	2,402069E+22	2,473765E+22	2,529523E+22	2,493860E+22	2,376339E+22	2,268971E+22	2,268957E+22	2,376301E+22	2,493805E+22
-131	2,529464E+22	2,473755E+22	2,402131E+22	2,402162E+22	2,473847E+22	2,529576E+22	2,493897E+22	2,376374E+22	2,269016E+22	2,269010E+22	2,376360E+22	2,493888E+22
-130	2,529589E+22	2,473866E+22	2,402190E+22	2,402191E+22	2,473850E+22	2,529559E+22	2,493876E+22	2,376355E+22	2,269014E+22	2,269028E+22	2,376375E+22	2,493859E+22
-129	2,529502E+22	2,473760E+22	2,402086E+22	2,402113E+22	2,473818E+22	2,529552E+22	2,493882E+22	2,376379E+22	2,269035E+22	2,269031E+22	2,376367E+22	2,493863E+22
-128	2,529543E+22	2,473851E+22	2,402191E+22	2,402191E+22	2,473872E+22	2,529592E+22	2,493898E+22	2,376377E+22	2,269036E+22	2,269049E+22	2,376412E+22	2,493946E+22
-127	2,529638E+22	2,473910E+22	2,402210E+22	2,402159E+22	2,473793E+22	2,529521E+22	2,493872E+22	2,376388E+22	2,269059E+22	2,269046E+22	2,376358E+22	2,493839E+22
-126	2,529508E+22	2,473792E+22	2,402144E+22	2,402168E+22	2,473830E+22	2,529540E+22	2,493883E+22	2,376405E+22	2,269070E+22	2,269052E+22	2,376362E+22	2,493855E+22
-125	2,529567E+22	2,473908E+22	2,402266E+22	2,402271E+22	2,473909E+22	2,529569E+22	2,493852E+22	2,376348E+22	2,269031E+22	2,269051E+22	2,376400E+22	2,493899E+22
-124	2,529561E+22	2,473844E+22	2,402180E+22	2,402167E+22	2,473823E+22	2,529544E+22	2,493866E+22	2,376355E+22	2,269015E+22	2,269018E+22	2,376356E+22	2,493840E+22
-123	2,529479E+22	2,473749E+22	2,402123E+22	2,402177E+22	2,473865E+22	2,529589E+22	2,493911E+22	2,376387E+22	2,269024E+22	2,269015E+22	2,376363E+22	2,493889E+22
-122	2,529601E+22	2,473892E+22	2,402196E+22	2,402189E+22	2,473860E+22	2,529577E+22	2,493888E+22	2,376354E+22	2,268994E+22	2,268996E+22	2,376349E+22	2,493852E+22
-121	2,529516E+22	2,473787E+22	2,402091E+22	2,402079E+22	2,473775E+22	2,529532E+22	2,493877E+22	2,376367E+22	2,269003E+22	2,268979E+22	2,376308E+22	2,493811E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-120	2,529496E+22	2,473802E+22	2,402146E+22	2,402145E+22	2,473818E+22	2,529548E+22	2,493869E+22	2,376346E+22	2,268991E+22	2,268993E+22	2,376353E+22	2,493893E+22
-119	2,529597E+22	2,473866E+22	2,402168E+22	2,402145E+22	2,473788E+22	2,529498E+22	2,493826E+22	2,376321E+22	2,268981E+22	2,268984E+22	2,376328E+22	2,493818E+22
-118	2,529470E+22	2,473723E+22	2,402043E+22	2,402086E+22	2,473800E+22	2,529531E+22	2,493848E+22	2,376324E+22	2,268964E+22	2,268964E+22	2,376325E+22	2,493841E+22
-117	2,529527E+22	2,473825E+22	2,402160E+22	2,402176E+22	2,473862E+22	2,529569E+22	2,493848E+22	2,376291E+22	2,268926E+22	2,268948E+22	2,376350E+22	2,493909E+22
-116	2,529586E+22	2,473834E+22	2,402129E+22	2,402101E+22	2,473775E+22	2,529528E+22	2,493861E+22	2,376323E+22	2,268943E+22	2,268936E+22	2,376300E+22	2,493822E+22
-115	2,529486E+22	2,473737E+22	2,402069E+22	2,402104E+22	2,473799E+22	2,529549E+22	2,493893E+22	2,376375E+22	2,269002E+22	2,268979E+22	2,376316E+22	2,493839E+22
-114	2,529571E+22	2,473895E+22	2,402209E+22	2,402195E+22	2,473854E+22	2,529559E+22	2,493869E+22	2,376348E+22	2,269003E+22	2,269008E+22	2,376353E+22	2,493845E+22
-113	2,529511E+22	2,473802E+22	2,402132E+22	2,402126E+22	2,473805E+22	2,529532E+22	2,493863E+22	2,376369E+22	2,269035E+22	2,269028E+22	2,376346E+22	2,493819E+22
-112	2,529475E+22	2,473773E+22	2,402144E+22	2,402177E+22	2,473853E+22	2,529571E+22	2,493887E+22	2,376378E+22	2,269048E+22	2,269059E+22	2,376406E+22	2,493923E+22
-111	2,529617E+22	2,473899E+22	2,402221E+22	2,402213E+22	2,473851E+22	2,529546E+22	2,493871E+22	2,376381E+22	2,269061E+22	2,269066E+22	2,376397E+22	2,493874E+22
-110	2,529523E+22	2,473792E+22	2,402118E+22	2,402134E+22	2,473818E+22	2,529546E+22	2,493894E+22	2,376415E+22	2,269084E+22	2,269067E+22	2,376378E+22	2,493860E+22
-109	2,529547E+22	2,473882E+22	2,402253E+22	2,402249E+22	2,473881E+22	2,529567E+22	2,493882E+22	2,376393E+22	2,269076E+22	2,269081E+22	2,376414E+22	2,493924E+22
-108	2,529622E+22	2,473931E+22	2,402274E+22	2,402239E+22	2,473841E+22	2,529527E+22	2,493865E+22	2,376394E+22	2,269084E+22	2,269086E+22	2,376391E+22	2,493840E+22
-107	2,529489E+22	2,473787E+22	2,402159E+22	2,402203E+22	2,473865E+22	2,529560E+22	2,493892E+22	2,376421E+22	2,269110E+22	2,269103E+22	2,376402E+22	2,493866E+22
-106	2,529556E+22	2,473909E+22	2,402281E+22	2,402285E+22	2,473931E+22	2,529609E+22	2,493894E+22	2,376381E+22	2,269062E+22	2,269080E+22	2,376419E+22	2,493905E+22
-105	2,529555E+22	2,473838E+22	2,402188E+22	2,402190E+22	2,473847E+22	2,529565E+22	2,493899E+22	2,376405E+22	2,269067E+22	2,269052E+22	2,376361E+22	2,493838E+22
-104	2,529499E+22	2,473778E+22	2,402128E+22	2,402166E+22	2,473846E+22	2,529572E+22	2,493911E+22	2,376415E+22	2,269072E+22	2,269057E+22	2,376382E+22	2,493894E+22
-103	2,529612E+22	2,473927E+22	2,402238E+22	2,402211E+22	2,473845E+22	2,529540E+22	2,493871E+22	2,376384E+22	2,269056E+22	2,269050E+22	2,376375E+22	2,493851E+22
-102	2,529504E+22	2,473793E+22	2,402119E+22	2,402111E+22	2,473782E+22	2,529513E+22	2,493865E+22	2,376386E+22	2,269050E+22	2,269035E+22	2,376350E+22	2,493822E+22
-101	2,529483E+22	2,473800E+22	2,402181E+22	2,402199E+22	2,473846E+22	2,529539E+22	2,493844E+22	2,376335E+22	2,269007E+22	2,269024E+22	2,376383E+22	2,493912E+22
-100	2,529602E+22	2,473878E+22	2,402199E+22	2,402191E+22	2,473829E+22	2,529522E+22	2,493833E+22	2,376316E+22	2,268979E+22	2,269000E+22	2,376358E+22	2,493847E+22
-99	2,529491E+22	2,473739E+22	2,402047E+22	2,402090E+22	2,473806E+22	2,529544E+22	2,493874E+22	2,376359E+22	2,269000E+22	2,268990E+22	2,376337E+22	2,493847E+22
-98	2,529544E+22	2,473868E+22	2,402200E+22	2,402188E+22	2,473863E+22	2,529584E+22	2,493881E+22	2,376340E+22	2,268978E+22	2,268976E+22	2,376343E+22	2,493884E+22
-97	2,529572E+22	2,473855E+22	2,402179E+22	2,402153E+22	2,473796E+22	2,529524E+22	2,493873E+22	2,376372E+22	2,269017E+22	2,268992E+22	2,376305E+22	2,493794E+22
-96	2,529472E+22	2,473757E+22	2,402103E+22	2,402140E+22	2,473813E+22	2,529533E+22	2,493878E+22	2,376394E+22	2,269061E+22	2,269049E+22	2,376363E+22	2,493848E+22
-95	2,529557E+22	2,473902E+22	2,402247E+22	2,402242E+22	2,473880E+22	2,529553E+22	2,493857E+22	2,376369E+22	2,269059E+22	2,269071E+22	2,376402E+22	2,493867E+22
-94	2,529503E+22	2,473793E+22	2,402139E+22	2,402148E+22	2,473823E+22	2,529546E+22	2,493884E+22	2,376402E+22	2,269083E+22	2,269080E+22	2,376391E+22	2,493849E+22
-93	2,529488E+22	2,473786E+22	2,402174E+22	2,402211E+22	2,473864E+22	2,529564E+22	2,493888E+22	2,376401E+22	2,269084E+22	2,269090E+22	2,376423E+22	2,493937E+22
-92	2,529641E+22	2,473941E+22	2,402271E+22	2,402253E+22	2,473869E+22	2,529547E+22	2,493875E+22	2,376400E+22	2,269094E+22	2,269103E+22	2,376421E+22	2,493882E+22
-91	2,529535E+22	2,473826E+22	2,402158E+22	2,402161E+22	2,473819E+22	2,529535E+22	2,493897E+22	2,376449E+22	2,269142E+22	2,269124E+22	2,376406E+22	2,493857E+22
-90	2,529540E+22	2,473908E+22	2,402305E+22	2,402296E+22	2,473908E+22	2,529576E+22	2,493887E+22	2,376416E+22	2,269120E+22	2,269125E+22	2,376436E+22	2,493916E+22
-89	2,529596E+22	2,473921E+22	2,402303E+22	2,402299E+22	2,473897E+22	2,529554E+22	2,493876E+22	2,376417E+22	2,269127E+22	2,269130E+22	2,376411E+22	2,493845E+22
-88	2,529495E+22	2,473794E+22	2,402161E+22	2,402208E+22	2,473877E+22	2,529573E+22	2,493903E+22	2,376436E+22	2,269136E+22	2,269137E+22	2,376432E+22	2,493887E+22
-87	2,529570E+22	2,473926E+22	2,402299E+22	2,402292E+22	2,473925E+22	2,529598E+22	2,493906E+22	2,376423E+22	2,269112E+22	2,269110E+22	2,376428E+22	2,493906E+22
-86	2,529559E+22	2,473854E+22	2,402204E+22	2,402192E+22	2,473836E+22	2,529554E+22	2,493913E+22	2,376450E+22	2,269127E+22	2,269097E+22	2,376376E+22	2,493833E+22
-85	2,529493E+22	2,473797E+22	2,402177E+22	2,402203E+22	2,473839E+22	2,529534E+22	2,493884E+22	2,376426E+22	2,269114E+22	2,269098E+22	2,376397E+22	2,493887E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-84	2,529603E+22	2,473942E+22	2,402285E+22	2,402268E+22	2,473878E+22	2,529534E+22	2,493849E+22	2,376376E+22	2,269075E+22	2,269093E+22	2,376418E+22	2,493869E+22
-83	2,529502E+22	2,473796E+22	2,402135E+22	2,402135E+22	2,473806E+22	2,529524E+22	2,493866E+22	2,376393E+22	2,269076E+22	2,269074E+22	2,376387E+22	2,493847E+22
-82	2,529492E+22	2,473814E+22	2,402204E+22	2,402218E+22	2,473869E+22	2,529569E+22	2,493870E+22	2,376357E+22	2,269027E+22	2,269037E+22	2,376390E+22	2,493916E+22
-81	2,529607E+22	2,473889E+22	2,402226E+22	2,402230E+22	2,473865E+22	2,529546E+22	2,493863E+22	2,376361E+22	2,269026E+22	2,269025E+22	2,376349E+22	2,493835E+22
-80	2,529510E+22	2,473780E+22	2,402075E+22	2,402096E+22	2,473800E+22	2,529534E+22	2,493878E+22	2,376391E+22	2,269054E+22	2,269038E+22	2,376351E+22	2,493836E+22
-79	2,529533E+22	2,473891E+22	2,402251E+22	2,402225E+22	2,473863E+22	2,529556E+22	2,493877E+22	2,376387E+22	2,269055E+22	2,269040E+22	2,376368E+22	2,493869E+22
-78	2,529541E+22	2,473847E+22	2,402207E+22	2,402196E+22	2,473824E+22	2,529522E+22	2,493872E+22	2,376406E+22	2,269086E+22	2,269069E+22	2,376358E+22	2,493809E+22
-77	2,529452E+22	2,473744E+22	2,402130E+22	2,402183E+22	2,473838E+22	2,529527E+22	2,493861E+22	2,376395E+22	2,269095E+22	2,269099E+22	2,376408E+22	2,493882E+22
-76	2,529572E+22	2,473910E+22	2,402269E+22	2,402274E+22	2,473910E+22	2,529571E+22	2,493867E+22	2,376374E+22	2,269073E+22	2,269107E+22	2,376448E+22	2,493909E+22
-75	2,529538E+22	2,473821E+22	2,402157E+22	2,402151E+22	2,473818E+22	2,529544E+22	2,493898E+22	2,376436E+22	2,269126E+22	2,269117E+22	2,376412E+22	2,493866E+22
-74	2,529517E+22	2,473840E+22	2,402229E+22	2,402234E+22	2,473866E+22	2,529563E+22	2,493897E+22	2,376434E+22	2,269131E+22	2,269121E+22	2,376421E+22	2,493918E+22
-73	2,529635E+22	2,473972E+22	2,402337E+22	2,402322E+22	2,473908E+22	2,529549E+22	2,493877E+22	2,376433E+22	2,269153E+22	2,269151E+22	2,376422E+22	2,493858E+22
-72	2,529529E+22	2,473850E+22	2,402201E+22	2,402205E+22	2,473849E+22	2,529535E+22	2,493886E+22	2,376460E+22	2,269187E+22	2,269179E+22	2,376440E+22	2,493858E+22
-71	2,529523E+22	2,473909E+22	2,402340E+22	2,402342E+22	2,473942E+22	2,529588E+22	2,493899E+22	2,376450E+22	2,269170E+22	2,269169E+22	2,376461E+22	2,493922E+22
-70	2,529583E+22	2,473906E+22	2,402305E+22	2,402316E+22	2,473922E+22	2,529581E+22	2,493913E+22	2,376465E+22	2,269179E+22	2,269174E+22	2,376439E+22	2,493858E+22
-69	2,529494E+22	2,473796E+22	2,402181E+22	2,402223E+22	2,473876E+22	2,529566E+22	2,493911E+22	2,376468E+22	2,269180E+22	2,269171E+22	2,376446E+22	2,493894E+22
-68	2,529584E+22	2,473950E+22	2,402331E+22	2,402310E+22	2,473927E+22	2,529592E+22	2,493908E+22	2,376441E+22	2,269149E+22	2,269157E+22	2,376461E+22	2,493915E+22
-67	2,529564E+22	2,473873E+22	2,402232E+22	2,402203E+22	2,473820E+22	2,529527E+22	2,493903E+22	2,376475E+22	2,269183E+22	2,269160E+22	2,376416E+22	2,493843E+22
-66	2,529493E+22	2,473816E+22	2,402218E+22	2,402239E+22	2,473861E+22	2,529530E+22	2,493865E+22	2,376427E+22	2,269145E+22	2,269140E+22	2,376426E+22	2,493896E+22
-65	2,529597E+22	2,473941E+22	2,402312E+22	2,402315E+22	2,473924E+22	2,529552E+22	2,493846E+22	2,376378E+22	2,269097E+22	2,269120E+22	2,376429E+22	2,493880E+22
-64	2,529525E+22	2,473815E+22	2,402147E+22	2,402142E+22	2,473816E+22	2,529532E+22	2,493870E+22	2,376399E+22	2,269090E+22	2,269092E+22	2,376400E+22	2,493861E+22
-63	2,529511E+22	2,473842E+22	2,402240E+22	2,402240E+22	2,473872E+22	2,529560E+22	2,493883E+22	2,376399E+22	2,269069E+22	2,269053E+22	2,376378E+22	2,493897E+22
-62	2,529599E+22	2,473903E+22	2,402256E+22	2,402252E+22	2,473872E+22	2,529547E+22	2,493881E+22	2,376409E+22	2,269089E+22	2,269071E+22	2,376356E+22	2,493813E+22
-61	2,529483E+22	2,473786E+22	2,402130E+22	2,402144E+22	2,473810E+22	2,529515E+22	2,493864E+22	2,376411E+22	2,269107E+22	2,269093E+22	2,376376E+22	2,493828E+22
-60	2,529513E+22	2,473887E+22	2,402286E+22	2,402276E+22	2,473904E+22	2,529568E+22	2,493870E+22	2,376389E+22	2,269090E+22	2,269105E+22	2,376426E+22	2,493891E+22
-59	2,529535E+22	2,473838E+22	2,402213E+22	2,402208E+22	2,473840E+22	2,529537E+22	2,493885E+22	2,376432E+22	2,269135E+22	2,269130E+22	2,376412E+22	2,493846E+22
-58	2,529474E+22	2,473761E+22	2,402151E+22	2,402198E+22	2,473855E+22	2,529545E+22	2,493878E+22	2,376424E+22	2,269132E+22	2,269131E+22	2,376428E+22	2,493901E+22
-57	2,529597E+22	2,473936E+22	2,402303E+22	2,402307E+22	2,473932E+22	2,529580E+22	2,493884E+22	2,376417E+22	2,269129E+22	2,269142E+22	2,376446E+22	2,493909E+22
-56	2,529574E+22	2,473876E+22	2,402206E+22	2,402170E+22	2,473810E+22	2,529526E+22	2,493894E+22	2,376462E+22	2,269179E+22	2,269167E+22	2,376432E+22	2,493861E+22
-55	2,529519E+22	2,473878E+22	2,402301E+22	2,402292E+22	2,473877E+22	2,529538E+22	2,493890E+22	2,376473E+22	2,269196E+22	2,269176E+22	2,376440E+22	2,493900E+22
-54	2,529607E+22	2,473970E+22	2,402376E+22	2,402378E+22	2,473953E+22	2,529564E+22	2,493882E+22	2,376462E+22	2,269212E+22	2,269216E+22	2,376463E+22	2,493861E+22
-53	2,529505E+22	2,473840E+22	2,402235E+22	2,402250E+22	2,473882E+22	2,529549E+22	2,493886E+22	2,376468E+22	2,269218E+22	2,269221E+22	2,376473E+22	2,493878E+22
-52	2,529528E+22	2,473905E+22	2,402352E+22	2,402366E+22	2,473970E+22	2,529614E+22	2,493921E+22	2,376467E+22	2,269195E+22	2,269207E+22	2,376496E+22	2,493942E+22
-51	2,529602E+22	2,473922E+22	2,402313E+22	2,402309E+22	2,473907E+22	2,529576E+22	2,493933E+22	2,376511E+22	2,269237E+22	2,269220E+22	2,376462E+22	2,493869E+22
-50	2,529513E+22	2,473831E+22	2,402218E+22	2,402233E+22	2,473866E+22	2,529550E+22	2,493906E+22	2,376495E+22	2,269229E+22	2,269209E+22	2,376454E+22	2,493882E+22
-49	2,529578E+22	2,473968E+22	2,402380E+22	2,402361E+22	2,473950E+22	2,529582E+22	2,493895E+22	2,376459E+22	2,269197E+22	2,269203E+22	2,376473E+22	2,493908E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-48	2,529571E+22	2,473893E+22	2,402266E+22	2,402234E+22	2,473835E+22	2,529515E+22	2,493875E+22	2,376462E+22	2,269204E+22	2,269202E+22	2,376453E+22	2,493857E+22
-47	2,529491E+22	2,473823E+22	2,402251E+22	2,402277E+22	2,473882E+22	2,529533E+22	2,493867E+22	2,376441E+22	2,269167E+22	2,269161E+22	2,376440E+22	2,493900E+22
-46	2,529595E+22	2,473936E+22	2,402322E+22	2,402338E+22	2,473954E+22	2,529582E+22	2,493874E+22	2,376412E+22	2,269132E+22	2,269145E+22	2,376438E+22	2,493880E+22
-45	2,529524E+22	2,473828E+22	2,402180E+22	2,402164E+22	2,473822E+22	2,529533E+22	2,493878E+22	2,376424E+22	2,269126E+22	2,269115E+22	2,376399E+22	2,493851E+22
-44	2,529513E+22	2,473859E+22	2,402275E+22	2,402269E+22	2,473885E+22	2,529567E+22	2,493896E+22	2,376424E+22	2,269114E+22	2,269105E+22	2,376403E+22	2,493885E+22
-43	2,529585E+22	2,473909E+22	2,402285E+22	2,402274E+22	2,473869E+22	2,529534E+22	2,493885E+22	2,376448E+22	2,269158E+22	2,269143E+22	2,376402E+22	2,493821E+22
-42	2,529472E+22	2,473787E+22	2,402157E+22	2,402177E+22	2,473836E+22	2,529520E+22	2,493855E+22	2,376425E+22	2,269154E+22	2,269150E+22	2,376418E+22	2,493845E+22
-41	2,529512E+22	2,473882E+22	2,402302E+22	2,402310E+22	2,473939E+22	2,529591E+22	2,493880E+22	2,376407E+22	2,269129E+22	2,269148E+22	2,376453E+22	2,493918E+22
-40	2,529576E+22	2,473867E+22	2,402228E+22	2,402209E+22	2,473834E+22	2,529532E+22	2,493886E+22	2,376447E+22	2,269167E+22	2,269168E+22	2,376442E+22	2,493871E+22
-39	2,529509E+22	2,473809E+22	2,402204E+22	2,402226E+22	2,473847E+22	2,529522E+22	2,493882E+22	2,376468E+22	2,269184E+22	2,269161E+22	2,376428E+22	2,493890E+22
-38	2,529603E+22	2,473970E+22	2,402358E+22	2,402351E+22	2,473946E+22	2,529575E+22	2,493890E+22	2,376457E+22	2,269195E+22	2,269196E+22	2,376460E+22	2,493887E+22
-37	2,529550E+22	2,473896E+22	2,402282E+22	2,402242E+22	2,473838E+22	2,529515E+22	2,493877E+22	2,376475E+22	2,269226E+22	2,269220E+22	2,376457E+22	2,493852E+22
-36	2,529501E+22	2,473879E+22	2,402345E+22	2,402358E+22	2,473935E+22	2,529568E+22	2,493895E+22	2,376477E+22	2,269229E+22	2,269236E+22	2,376488E+22	2,493907E+22
-35	2,529592E+22	2,473958E+22	2,402385E+22	2,402398E+22	2,473976E+22	2,529594E+22	2,493914E+22	2,376501E+22	2,269264E+22	2,269272E+22	2,376508E+22	2,493888E+22
-34	2,529515E+22	2,473846E+22	2,402246E+22	2,402265E+22	2,473902E+22	2,529574E+22	2,493913E+22	2,376508E+22	2,269265E+22	2,269259E+22	2,376492E+22	2,493889E+22
-33	2,529544E+22	2,473920E+22	2,402368E+22	2,402382E+22	2,473979E+22	2,529621E+22	2,493940E+22	2,376511E+22	2,269254E+22	2,269248E+22	2,376500E+22	2,493941E+22
-32	2,529628E+22	2,473958E+22	2,402341E+22	2,402311E+22	2,473882E+22	2,529546E+22	2,493919E+22	2,376531E+22	2,269289E+22	2,269277E+22	2,376495E+22	2,493874E+22
-31	2,529517E+22	2,473860E+22	2,402273E+22	2,402280E+22	2,473863E+22	2,529510E+22	2,493883E+22	2,376515E+22	2,269274E+22	2,269255E+22	2,376479E+22	2,493879E+22
-30	2,529563E+22	2,473964E+22	2,402403E+22	2,402402E+22	2,473980E+22	2,529586E+22	2,493883E+22	2,376462E+22	2,269228E+22	2,269248E+22	2,376509E+22	2,493920E+22
-29	2,529559E+22	2,473892E+22	2,402298E+22	2,402271E+22	2,473858E+22	2,529525E+22	2,493868E+22	2,376450E+22	2,269204E+22	2,269215E+22	2,376471E+22	2,493874E+22
-28	2,529509E+22	2,473836E+22	2,402270E+22	2,402302E+22	2,473906E+22	2,529558E+22	2,493886E+22	2,376445E+22	2,269173E+22	2,269176E+22	2,376449E+22	2,493896E+22
-27	2,529603E+22	2,473957E+22	2,402339E+22	2,402339E+22	2,473945E+22	2,529586E+22	2,493901E+22	2,376458E+22	2,269184E+22	2,269178E+22	2,376442E+22	2,493868E+22
-26	2,529525E+22	2,473854E+22	2,402219E+22	2,402193E+22	2,473830E+22	2,529531E+22	2,493882E+22	2,376458E+22	2,269181E+22	2,269158E+22	2,376404E+22	2,493827E+22
-25	2,529493E+22	2,473859E+22	2,402306E+22	2,402319E+22	2,473916E+22	2,529572E+22	2,493899E+22	2,376456E+22	2,269175E+22	2,269162E+22	2,376424E+22	2,493879E+22
-24	2,529581E+22	2,473912E+22	2,402302E+22	2,402295E+22	2,473881E+22	2,529532E+22	2,493876E+22	2,376458E+22	2,269201E+22	2,269207E+22	2,376458E+22	2,493849E+22
-23	2,529479E+22	2,473795E+22	2,402186E+22	2,402209E+22	2,473842E+22	2,529515E+22	2,493865E+22	2,376457E+22	2,269194E+22	2,269190E+22	2,376449E+22	2,493864E+22
-22	2,529525E+22	2,473893E+22	2,402319E+22	2,402332E+22	2,473952E+22	2,529601E+22	2,493900E+22	2,376446E+22	2,269181E+22	2,269195E+22	2,376480E+22	2,493928E+22
-21	2,529589E+22	2,473905E+22	2,402283E+22	2,402243E+22	2,473836E+22	2,529520E+22	2,493880E+22	2,376465E+22	2,269208E+22	2,269207E+22	2,376457E+22	2,493870E+22
-20	2,529522E+22	2,473848E+22	2,402265E+22	2,402278E+22	2,473869E+22	2,529525E+22	2,493882E+22	2,376481E+22	2,269230E+22	2,269222E+22	2,376458E+22	2,493877E+22
-19	2,529589E+22	2,473986E+22	2,402405E+22	2,402400E+22	2,473968E+22	2,529575E+22	2,493894E+22	2,376492E+22	2,269261E+22	2,269267E+22	2,376505E+22	2,493895E+22
-18	2,529539E+22	2,473898E+22	2,402312E+22	2,402296E+22	2,473887E+22	2,529538E+22	2,493878E+22	2,376490E+22	2,269269E+22	2,269270E+22	2,376491E+22	2,493863E+22
-17	2,529496E+22	2,473869E+22	2,402354E+22	2,402395E+22	2,473979E+22	2,529608E+22	2,493927E+22	2,376510E+22	2,269271E+22	2,269272E+22	2,376509E+22	2,493926E+22
-16	2,529618E+22	2,473977E+22	2,402393E+22	2,402396E+22	2,473965E+22	2,529592E+22	2,493929E+22	2,376531E+22	2,269304E+22	2,269312E+22	2,376536E+22	2,493906E+22
-15	2,529538E+22	2,473882E+22	2,402285E+22	2,402281E+22	2,473877E+22	2,529543E+22	2,493921E+22	2,376556E+22	2,269320E+22	2,269295E+22	2,376497E+22	2,493877E+22
-14	2,529543E+22	2,473943E+22	2,402406E+22	2,402411E+22	2,473978E+22	2,529604E+22	2,493937E+22	2,376542E+22	2,269315E+22	2,269306E+22	2,376524E+22	2,493927E+22
-13	2,529608E+22	2,473978E+22	2,402399E+22	2,402363E+22	2,473895E+22	2,529521E+22	2,493885E+22	2,376521E+22	2,269315E+22	2,269319E+22	2,376525E+22	2,493878E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-12	2,529512E+22	2,473868E+22	2,402307E+22	2,402331E+22	2,473907E+22	2,529530E+22	2,493874E+22	2,376497E+22	2,269283E+22	2,269293E+22	2,376514E+22	2,493889E+22
-11	2,529559E+22	2,473963E+22	2,402414E+22	2,402421E+22	2,473997E+22	2,529607E+22	2,493907E+22	2,376487E+22	2,269256E+22	2,269275E+22	2,376532E+22	2,493937E+22
-10	2,529572E+22	2,473903E+22	2,402311E+22	2,402296E+22	2,473883E+22	2,529547E+22	2,493890E+22	2,376481E+22	2,269233E+22	2,269229E+22	2,376465E+22	2,493865E+22
-9	2,529515E+22	2,473853E+22	2,402290E+22	2,402325E+22	2,473923E+22	2,529578E+22	2,493917E+22	2,376493E+22	2,269226E+22	2,269205E+22	2,376441E+22	2,493877E+22
-8	2,529603E+22	2,473980E+22	2,402368E+22	2,402350E+22	2,473927E+22	2,529564E+22	2,493901E+22	2,376490E+22	2,269242E+22	2,269240E+22	2,376475E+22	2,493862E+22
-7	2,529511E+22	2,473866E+22	2,402262E+22	2,402238E+22	2,473830E+22	2,529502E+22	2,493875E+22	2,376493E+22	2,269240E+22	2,269219E+22	2,376442E+22	2,493829E+22
-6	2,529474E+22	2,473846E+22	2,402313E+22	2,402349E+22	2,473942E+22	2,529580E+22	2,493897E+22	2,376472E+22	2,269225E+22	2,269227E+22	2,376478E+22	2,493902E+22
-5	2,529576E+22	2,473916E+22	2,402325E+22	2,402319E+22	2,473890E+22	2,529531E+22	2,493869E+22	2,376456E+22	2,269218E+22	2,269239E+22	2,376495E+22	2,493884E+22
-4	2,529513E+22	2,473828E+22	2,402216E+22	2,402237E+22	2,473857E+22	2,529522E+22	2,493870E+22	2,376462E+22	2,269215E+22	2,269223E+22	2,376471E+22	2,493873E+22
-3	2,529546E+22	2,473933E+22	2,402358E+22	2,402350E+22	2,473942E+22	2,529590E+22	2,493911E+22	2,376486E+22	2,269236E+22	2,269238E+22	2,376496E+22	2,493926E+22
-2	2,529595E+22	2,473943E+22	2,402342E+22	2,402305E+22	2,473866E+22	2,529519E+22	2,493875E+22	2,376487E+22	2,269256E+22	2,269250E+22	2,376467E+22	2,493851E+22
-1	2,529507E+22	2,473864E+22	2,402314E+22	2,402348E+22	2,473921E+22	2,529547E+22	2,493892E+22	2,376507E+22	2,269280E+22	2,269268E+22	2,376476E+22	2,493869E+22
1	2,529576E+22	2,473987E+22	2,402426E+22	2,402431E+22	2,473993E+22	2,529592E+22	2,493906E+22	2,376513E+22	2,269305E+22	2,269324E+22	2,376550E+22	2,493914E+22
2	2,529540E+22	2,473903E+22	2,402337E+22	2,402331E+22	2,473901E+22	2,529548E+22	2,493912E+22	2,376542E+22	2,269319E+22	2,269310E+22	2,376514E+22	2,493874E+22
3	2,529502E+22	2,473872E+22	2,402354E+22	2,402404E+22	2,473987E+22	2,529619E+22	2,493956E+22	2,376564E+22	2,269338E+22	2,269327E+22	2,376535E+22	2,493929E+22
4	2,529618E+22	2,474007E+22	2,402433E+22	2,402411E+22	2,473950E+22	2,529569E+22	2,493923E+22	2,376556E+22	2,269353E+22	2,269358E+22	2,376561E+22	2,493912E+22
5	2,529550E+22	2,473919E+22	2,402339E+22	2,402322E+22	2,473880E+22	2,529522E+22	2,493902E+22	2,376558E+22	2,269362E+22	2,269356E+22	2,376535E+22	2,493874E+22
6	2,529532E+22	2,473958E+22	2,402445E+22	2,402448E+22	2,473985E+22	2,529585E+22	2,493921E+22	2,376557E+22	2,269363E+22	2,269365E+22	2,376570E+22	2,493945E+22
7	2,529606E+22	2,473983E+22	2,402424E+22	2,402413E+22	2,473943E+22	2,529537E+22	2,493872E+22	2,376513E+22	2,269329E+22	2,269345E+22	2,376546E+22	2,493892E+22
8	2,529519E+22	2,473875E+22	2,402320E+22	2,402364E+22	2,473947E+22	2,529566E+22	2,493901E+22	2,376517E+22	2,269299E+22	2,269298E+22	2,376512E+22	2,493897E+22
9	2,529579E+22	2,473985E+22	2,402427E+22	2,402423E+22	2,473990E+22	2,529607E+22	2,493926E+22	2,376518E+22	2,269288E+22	2,269295E+22	2,376537E+22	2,493936E+22
10	2,529581E+22	2,473936E+22	2,402354E+22	2,402323E+22	2,473871E+22	2,529527E+22	2,493910E+22	2,376533E+22	2,269287E+22	2,269258E+22	2,376459E+22	2,493838E+22
11	2,529493E+22	2,473860E+22	2,402317E+22	2,402357E+22	2,473935E+22	2,529572E+22	2,493924E+22	2,376534E+22	2,269295E+22	2,269271E+22	2,376471E+22	2,493858E+22
12	2,529563E+22	2,473980E+22	2,402407E+22	2,402393E+22	2,473944E+22	2,529551E+22	2,493880E+22	2,376491E+22	2,269278E+22	2,269294E+22	2,376522E+22	2,493880E+22
13	2,529505E+22	2,473866E+22	2,402280E+22	2,402274E+22	2,473863E+22	2,529517E+22	2,493870E+22	2,376485E+22	2,269265E+22	2,269275E+22	2,376494E+22	2,493856E+22
14	2,529481E+22	2,473852E+22	2,402323E+22	2,402359E+22	2,473945E+22	2,529586E+22	2,493916E+22	2,376504E+22	2,269267E+22	2,269271E+22	2,376518E+22	2,493939E+22
15	2,529607E+22	2,473944E+22	2,402344E+22	2,402344E+22	2,473910E+22	2,529534E+22	2,493874E+22	2,376479E+22	2,269252E+22	2,269262E+22	2,376500E+22	2,493889E+22
16	2,529534E+22	2,473868E+22	2,402257E+22	2,402273E+22	2,473877E+22	2,529533E+22	2,493890E+22	2,376501E+22	2,269263E+22	2,269250E+22	2,376469E+22	2,493864E+22
17	2,529553E+22	2,473969E+22	2,402411E+22	2,402389E+22	2,473942E+22	2,529569E+22	2,493907E+22	2,376513E+22	2,269289E+22	2,269293E+22	2,376526E+22	2,493923E+22
18	2,529582E+22	2,473959E+22	2,402397E+22	2,402370E+22	2,473890E+22	2,529509E+22	2,493880E+22	2,376522E+22	2,269310E+22	2,269303E+22	2,376495E+22	2,493846E+22
19	2,529483E+22	2,473853E+22	2,402326E+22	2,402386E+22	2,473964E+22	2,529578E+22	2,493914E+22	2,376539E+22	2,269336E+22	2,269332E+22	2,376521E+22	2,493878E+22
20	2,529559E+22	2,473991E+22	2,402449E+22	2,402451E+22	2,474003E+22	2,529599E+22	2,493916E+22	2,376533E+22	2,269338E+22	2,269361E+22	2,376581E+22	2,493938E+22
21	2,529564E+22	2,473931E+22	2,402363E+22	2,402349E+22	2,473907E+22	2,529548E+22	2,493920E+22	2,376568E+22	2,269367E+22	2,269360E+22	2,376537E+22	2,493877E+22
22	2,529514E+22	2,473906E+22	2,402390E+22	2,402415E+22	2,473968E+22	2,529593E+22	2,493959E+22	2,376609E+22	2,269407E+22	2,269386E+22	2,376564E+22	2,493934E+22
23	2,529622E+22	2,474033E+22	2,402479E+22	2,402464E+22	2,473974E+22	2,529551E+22	2,493901E+22	2,376567E+22	2,269397E+22	2,269405E+22	2,376582E+22	2,493908E+22
24	2,529542E+22	2,473935E+22	2,402383E+22	2,402383E+22	2,473928E+22	2,529538E+22	2,493900E+22	2,376568E+22	2,269391E+22	2,269388E+22	2,376557E+22	2,493886E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
25	2,529531E+22	2,473965E+22	2,402470E+22	2,402477E+22	2,474004E+22	2,529593E+22	2,493923E+22	2,376563E+22	2,269383E+22	2,269399E+22	2,376603E+22	2,493968E+22
26	2,529615E+22	2,473995E+22	2,402452E+22	2,402448E+22	2,473960E+22	2,529549E+22	2,493904E+22	2,376552E+22	2,269358E+22	2,269361E+22	2,376548E+22	2,493889E+22
27	2,529521E+22	2,473884E+22	2,402328E+22	2,402377E+22	2,473966E+22	2,529586E+22	2,493932E+22	2,376566E+22	2,269356E+22	2,269338E+22	2,376520E+22	2,493877E+22
28	2,529559E+22	2,474004E+22	2,402462E+22	2,402437E+22	2,473983E+22	2,529595E+22	2,493928E+22	2,376546E+22	2,269335E+22	2,269337E+22	2,376552E+22	2,493929E+22
29	2,529574E+22	2,473954E+22	2,402394E+22	2,402361E+22	2,473883E+22	2,529513E+22	2,493897E+22	2,376548E+22	2,269341E+22	2,269326E+22	2,376498E+22	2,493836E+22
30	2,529473E+22	2,473855E+22	2,402331E+22	2,402375E+22	2,473939E+22	2,529556E+22	2,493914E+22	2,376555E+22	2,269349E+22	2,269337E+22	2,376528E+22	2,493891E+22
31	2,529564E+22	2,473971E+22	2,402410E+22	2,402423E+22	2,473979E+22	2,529561E+22	2,493871E+22	2,376488E+22	2,269296E+22	2,269326E+22	2,376555E+22	2,493913E+22
32	2,529529E+22	2,473884E+22	2,402297E+22	2,402294E+22	2,473884E+22	2,529536E+22	2,493888E+22	2,376502E+22	2,269280E+22	2,269280E+22	2,376501E+22	2,493879E+22
33	2,529514E+22	2,473891E+22	2,402352E+22	2,402361E+22	2,473926E+22	2,529564E+22	2,493916E+22	2,376528E+22	2,269301E+22	2,269295E+22	2,376525E+22	2,493943E+22
34	2,529627E+22	2,473994E+22	2,402409E+22	2,402388E+22	2,473907E+22	2,529514E+22	2,493883E+22	2,376520E+22	2,269302E+22	2,269293E+22	2,376492E+22	2,493859E+22
35	2,529518E+22	2,473890E+22	2,402307E+22	2,402329E+22	2,473910E+22	2,529535E+22	2,493894E+22	2,376537E+22	2,269331E+22	2,269313E+22	2,376490E+22	2,493835E+22
36	2,529509E+22	2,473974E+22	2,402460E+22	2,402444E+22	2,473979E+22	2,529574E+22	2,493901E+22	2,376526E+22	2,269331E+22	2,269345E+22	2,376561E+22	2,493931E+22
37	2,529570E+22	2,473959E+22	2,402426E+22	2,402417E+22	2,473935E+22	2,529536E+22	2,493891E+22	2,376540E+22	2,269356E+22	2,269364E+22	2,376537E+22	2,493860E+22
38	2,529479E+22	2,473852E+22	2,402334E+22	2,402395E+22	2,473971E+22	2,529589E+22	2,493945E+22	2,376594E+22	2,269402E+22	2,269391E+22	2,376564E+22	2,493908E+22
39	2,529577E+22	2,474003E+22	2,402463E+22	2,402474E+22	2,474023E+22	2,529601E+22	2,493925E+22	2,376568E+22	2,269392E+22	2,269406E+22	2,376600E+22	2,493946E+22
40	2,529582E+22	2,473969E+22	2,402406E+22	2,402378E+22	2,473916E+22	2,529546E+22	2,493930E+22	2,376604E+22	2,269424E+22	2,269404E+22	2,376557E+22	2,493884E+22
41	2,529522E+22	2,473937E+22	2,402440E+22	2,402449E+22	2,473961E+22	2,529556E+22	2,493936E+22	2,376626E+22	2,269461E+22	2,269450E+22	2,376609E+22	2,493950E+22
42	2,529624E+22	2,474052E+22	2,402530E+22	2,402521E+22	2,473998E+22	2,529542E+22	2,493894E+22	2,376581E+22	2,269433E+22	2,269447E+22	2,376610E+22	2,493917E+22
43	2,529536E+22	2,473933E+22	2,402400E+22	2,402419E+22	2,473972E+22	2,529570E+22	2,493917E+22	2,376584E+22	2,269423E+22	2,269426E+22	2,376584E+22	2,493892E+22
44	2,529527E+22	2,473979E+22	2,402496E+22	2,402496E+22	2,474016E+22	2,529603E+22	2,493936E+22	2,376577E+22	2,269397E+22	2,269408E+22	2,376608E+22	2,493978E+22
45	2,529635E+22	2,474023E+22	2,402481E+22	2,402468E+22	2,473971E+22	2,529554E+22	2,493913E+22	2,376578E+22	2,269401E+22	2,269394E+22	2,376548E+22	2,493871E+22
46	2,529514E+22	2,473905E+22	2,402360E+22	2,402387E+22	2,473955E+22	2,529573E+22	2,493944E+22	2,376613E+22	2,269424E+22	2,269395E+22	2,376542E+22	2,493871E+22
47	2,529544E+22	2,474002E+22	2,402488E+22	2,402480E+22	2,474010E+22	2,529583E+22	2,493909E+22	2,376557E+22	2,269379E+22	2,269384E+22	2,376573E+22	2,493923E+22
48	2,529558E+22	2,473952E+22	2,402415E+22	2,402397E+22	2,473919E+22	2,529530E+22	2,493900E+22	2,376561E+22	2,269372E+22	2,269360E+22	2,376529E+22	2,493861E+22
49	2,529477E+22	2,473855E+22	2,402343E+22	2,402385E+22	2,473940E+22	2,529549E+22	2,493911E+22	2,376565E+22	2,269376E+22	2,269375E+22	2,376567E+22	2,493928E+22
50	2,529590E+22	2,473989E+22	2,402436E+22	2,402440E+22	2,473976E+22	2,529556E+22	2,493891E+22	2,376522E+22	2,269327E+22	2,269345E+22	2,376559E+22	2,493918E+22
51	2,529547E+22	2,473911E+22	2,402324E+22	2,402312E+22	2,473898E+22	2,529545E+22	2,493906E+22	2,376541E+22	2,269333E+22	2,269320E+22	2,376507E+22	2,493859E+22
52	2,529506E+22	2,473931E+22	2,402413E+22	2,402394E+22	2,473925E+22	2,529546E+22	2,493906E+22	2,376545E+22	2,269342E+22	2,269334E+22	2,376536E+22	2,493930E+22
53	2,529620E+22	2,474020E+22	2,402470E+22	2,402451E+22	2,473942E+22	2,529509E+22	2,493865E+22	2,376533E+22	2,269359E+22	2,269360E+22	2,376522E+22	2,493848E+22
54	2,529491E+22	2,473884E+22	2,402337E+22	2,402369E+22	2,473943E+22	2,529545E+22	2,493898E+22	2,376568E+22	2,269394E+22	2,269386E+22	2,376545E+22	2,493860E+22
55	2,529500E+22	2,473951E+22	2,402463E+22	2,402483E+22	2,474028E+22	2,529601E+22	2,493911E+22	2,376543E+22	2,269368E+22	2,269388E+22	2,376592E+22	2,493952E+22
56	2,529586E+22	2,473972E+22	2,402442E+22	2,402435E+22	2,473958E+22	2,529563E+22	2,493926E+22	2,376583E+22	2,269398E+22	2,269391E+22	2,376558E+22	2,493887E+22
57	2,529506E+22	2,473884E+22	2,402364E+22	2,402395E+22	2,473946E+22	2,529563E+22	2,493948E+22	2,376635E+22	2,269462E+22	2,269442E+22	2,376592E+22	2,493924E+22
58	2,529599E+22	2,474045E+22	2,402523E+22	2,402509E+22	2,474012E+22	2,529576E+22	2,493929E+22	2,376606E+22	2,269451E+22	2,269456E+22	2,376614E+22	2,493935E+22
59	2,529577E+22	2,473992E+22	2,402458E+22	2,402433E+22	2,473947E+22	2,529545E+22	2,493922E+22	2,376625E+22	2,269481E+22	2,269470E+22	2,376591E+22	2,493873E+22
60	2,529500E+22	2,473953E+22	2,402489E+22	2,402498E+22	2,473993E+22	2,529559E+22	2,493918E+22	2,376619E+22	2,269483E+22	2,269489E+22	2,376643E+22	2,493969E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
61	2,529632E+22	2,474066E+22	2,402565E+22	2,402567E+22	2,474042E+22	2,529568E+22	2,493899E+22	2,376590E+22	2,269464E+22	2,269485E+22	2,376631E+22	2,493925E+22
62	2,529541E+22	2,473940E+22	2,402415E+22	2,402430E+22	2,473982E+22	2,529583E+22	2,493946E+22	2,376632E+22	2,269474E+22	2,269463E+22	2,376601E+22	2,493901E+22
63	2,529534E+22	2,473981E+22	2,402508E+22	2,402518E+22	2,474037E+22	2,529612E+22	2,493950E+22	2,376611E+22	2,269442E+22	2,269437E+22	2,376604E+22	2,493961E+22
64	2,529634E+22	2,474047E+22	2,402520E+22	2,402494E+22	2,473979E+22	2,529557E+22	2,493928E+22	2,376615E+22	2,269449E+22	2,269429E+22	2,376562E+22	2,493866E+22
65	2,529500E+22	2,473910E+22	2,402390E+22	2,402404E+22	2,473940E+22	2,529537E+22	2,493923E+22	2,376631E+22	2,269477E+22	2,269458E+22	2,376588E+22	2,493888E+22
66	2,529540E+22	2,473999E+22	2,402511E+22	2,402508E+22	2,474022E+22	2,529580E+22	2,493906E+22	2,376566E+22	2,269411E+22	2,269428E+22	2,376606E+22	2,493939E+22
67	2,529562E+22	2,473949E+22	2,402422E+22	2,402413E+22	2,473941E+22	2,529548E+22	2,493907E+22	2,376572E+22	2,269402E+22	2,269400E+22	2,376558E+22	2,493871E+22
68	2,529490E+22	2,473881E+22	2,402372E+22	2,402395E+22	2,473935E+22	2,529537E+22	2,493903E+22	2,376570E+22	2,269390E+22	2,269387E+22	2,376574E+22	2,493941E+22
69	2,529621E+22	2,474034E+22	2,402485E+22	2,402472E+22	2,473985E+22	2,529544E+22	2,493878E+22	2,376539E+22	2,269371E+22	2,269379E+22	2,376556E+22	2,493897E+22
70	2,529541E+22	2,473938E+22	2,402378E+22	2,402349E+22	2,473905E+22	2,529535E+22	2,493908E+22	2,376578E+22	2,269395E+22	2,269376E+22	2,376528E+22	2,493847E+22
71	2,529485E+22	2,473925E+22	2,402452E+22	2,402463E+22	2,473979E+22	2,529556E+22	2,493899E+22	2,376558E+22	2,269384E+22	2,269381E+22	2,376556E+22	2,493917E+22
72	2,529599E+22	2,474019E+22	2,402501E+22	2,402500E+22	2,473997E+22	2,529552E+22	2,493890E+22	2,376558E+22	2,269396E+22	2,269400E+22	2,376558E+22	2,493869E+22
73	2,529486E+22	2,473878E+22	2,402352E+22	2,402383E+22	2,473950E+22	2,529555E+22	2,493920E+22	2,376606E+22	2,269448E+22	2,269442E+22	2,376592E+22	2,493896E+22
74	2,529525E+22	2,473962E+22	2,402480E+22	2,402494E+22	2,474029E+22	2,529611E+22	2,493945E+22	2,376595E+22	2,269427E+22	2,269432E+22	2,376611E+22	2,493960E+22
75	2,529604E+22	2,473997E+22	2,402467E+22	2,402450E+22	2,473963E+22	2,529568E+22	2,493946E+22	2,376635E+22	2,269475E+22	2,269458E+22	2,376584E+22	2,493878E+22
76	2,529510E+22	2,473930E+22	2,402426E+22	2,402427E+22	2,473934E+22	2,529529E+22	2,493927E+22	2,376651E+22	2,269512E+22	2,269498E+22	2,376625E+22	2,493933E+22
77	2,529608E+22	2,474077E+22	2,402585E+22	2,402569E+22	2,474035E+22	2,529556E+22	2,493895E+22	2,376612E+22	2,269506E+22	2,269523E+22	2,376652E+22	2,493938E+22
78	2,529566E+22	2,473998E+22	2,402495E+22	2,402478E+22	2,473980E+22	2,529556E+22	2,493920E+22	2,376638E+22	2,269524E+22	2,269526E+22	2,376638E+22	2,493899E+22
79	2,529506E+22	2,473946E+22	2,402504E+22	2,402542E+22	2,474039E+22	2,529584E+22	2,493925E+22	2,376621E+22	2,269495E+22	2,269505E+22	2,376648E+22	2,493972E+22
80	2,529646E+22	2,474088E+22	2,402588E+22	2,402587E+22	2,474065E+22	2,529598E+22	2,493933E+22	2,376626E+22	2,269488E+22	2,269490E+22	2,376628E+22	2,493925E+22
81	2,529549E+22	2,473964E+22	2,402447E+22	2,402438E+22	2,473964E+22	2,529566E+22	2,493954E+22	2,376673E+22	2,269532E+22	2,269505E+22	2,376612E+22	2,493895E+22
82	2,529534E+22	2,473996E+22	2,402546E+22	2,402546E+22	2,474030E+22	2,529597E+22	2,493959E+22	2,376647E+22	2,269499E+22	2,269485E+22	2,376613E+22	2,493935E+22
83	2,529608E+22	2,474042E+22	2,402546E+22	2,402533E+22	2,474005E+22	2,529561E+22	2,493927E+22	2,376638E+22	2,269505E+22	2,269496E+22	2,376600E+22	2,493857E+22
84	2,529479E+22	2,473913E+22	2,402416E+22	2,402430E+22	2,473950E+22	2,529531E+22	2,493904E+22	2,376621E+22	2,269495E+22	2,269497E+22	2,376629E+22	2,493917E+22
85	2,529556E+22	2,474010E+22	2,402531E+22	2,402533E+22	2,474038E+22	2,529583E+22	2,493898E+22	2,376573E+22	2,269442E+22	2,269464E+22	2,376629E+22	2,493953E+22
86	2,529579E+22	2,473965E+22	2,402439E+22	2,402423E+22	2,473945E+22	2,529551E+22	2,493920E+22	2,376604E+22	2,269444E+22	2,269437E+22	2,376579E+22	2,493884E+22
87	2,529507E+22	2,473897E+22	2,402399E+22	2,402430E+22	2,473956E+22	2,529540E+22	2,493902E+22	2,376586E+22	2,269423E+22	2,269412E+22	2,376569E+22	2,493921E+22
88	2,529623E+22	2,474068E+22	2,402539E+22	2,402518E+22	2,474008E+22	2,529556E+22	2,493893E+22	2,376569E+22	2,269411E+22	2,269412E+22	2,376572E+22	2,493892E+22
89	2,529525E+22	2,473944E+22	2,402420E+22	2,402392E+22	2,473916E+22	2,529522E+22	2,493900E+22	2,376602E+22	2,269452E+22	2,269441E+22	2,376574E+22	2,493863E+22
90	2,529479E+22	2,473915E+22	2,402470E+22	2,402497E+22	2,474007E+22	2,529582E+22	2,493922E+22	2,376584E+22	2,269428E+22	2,269432E+22	2,376589E+22	2,493926E+22
91	2,529597E+22	2,474014E+22	2,402509E+22	2,402519E+22	2,474022E+22	2,529585E+22	2,493924E+22	2,376598E+22	2,269448E+22	2,269453E+22	2,376592E+22	2,493877E+22
92	2,529500E+22	2,473908E+22	2,402378E+22	2,402388E+22	2,473933E+22	2,529541E+22	2,493924E+22	2,376634E+22	2,269490E+22	2,269481E+22	2,376614E+22	2,493913E+22
93	2,529559E+22	2,474012E+22	2,402531E+22	2,402523E+22	2,474023E+22	2,529586E+22	2,493930E+22	2,376627E+22	2,269497E+22	2,269493E+22	2,376627E+22	2,493950E+22
94	2,529608E+22	2,474032E+22	2,402524E+22	2,402491E+22	2,473965E+22	2,529542E+22	2,493932E+22	2,376663E+22	2,269542E+22	2,269529E+22	2,376624E+22	2,493881E+22
95	2,529502E+22	2,473934E+22	2,402471E+22	2,402501E+22	2,473984E+22	2,529530E+22	2,493904E+22	2,376646E+22	2,269543E+22	2,269542E+22	2,376651E+22	2,493933E+22
96	2,529604E+22	2,474092E+22	2,402629E+22	2,402627E+22	2,474088E+22	2,529593E+22	2,493912E+22	2,376622E+22	2,269522E+22	2,269546E+22	2,376682E+22	2,493958E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
97	2,529566E+22	2,474000E+22	2,402520E+22	2,402505E+22	2,473992E+22	2,529566E+22	2,493940E+22	2,376670E+22	2,269563E+22	2,269562E+22	2,376664E+22	2,493918E+22
98	2,529524E+22	2,473959E+22	2,402522E+22	2,402559E+22	2,474050E+22	2,529609E+22	2,493966E+22	2,376669E+22	2,269544E+22	2,269535E+22	2,376647E+22	2,493952E+22
99	2,529642E+22	2,474106E+22	2,402614E+22	2,402605E+22	2,474074E+22	2,529612E+22	2,493961E+22	2,376676E+22	2,269557E+22	2,269548E+22	2,376641E+22	2,493897E+22
100	2,529532E+22	2,473988E+22	2,402489E+22	2,402463E+22	2,473950E+22	2,529535E+22	2,493938E+22	2,376692E+22	2,269582E+22	2,269562E+22	2,376648E+22	2,493900E+22
101	2,529529E+22	2,474005E+22	2,402577E+22	2,402588E+22	2,474047E+22	2,529577E+22	2,493925E+22	2,376654E+22	2,269554E+22	2,269551E+22	2,376657E+22	2,493945E+22
102	2,529596E+22	2,474032E+22	2,402552E+22	2,402553E+22	2,474021E+22	2,529565E+22	2,493923E+22	2,376646E+22	2,269540E+22	2,269550E+22	2,376654E+22	2,493896E+22
103	2,529495E+22	2,473906E+22	2,402420E+22	2,402458E+22	2,473974E+22	2,529541E+22	2,493903E+22	2,376616E+22	2,269495E+22	2,269504E+22	2,376639E+22	2,493933E+22
104	2,529587E+22	2,474049E+22	2,402562E+22	2,402551E+22	2,474044E+22	2,529595E+22	2,493918E+22	2,376594E+22	2,269453E+22	2,269464E+22	2,376630E+22	2,493957E+22
105	2,529591E+22	2,474002E+22	2,402486E+22	2,402446E+22	2,473930E+22	2,529530E+22	2,493920E+22	2,376633E+22	2,269491E+22	2,269472E+22	2,376587E+22	2,493876E+22
106	2,529510E+22	2,473923E+22	2,402448E+22	2,402474E+22	2,473971E+22	2,529545E+22	2,493915E+22	2,376614E+22	2,269470E+22	2,269454E+22	2,376573E+22	2,493887E+22
107	2,529590E+22	2,474066E+22	2,402571E+22	2,402570E+22	2,474053E+22	2,529584E+22	2,493910E+22	2,376600E+22	2,269468E+22	2,269474E+22	2,376602E+22	2,493877E+22
108	2,529504E+22	2,473948E+22	2,402444E+22	2,402425E+22	2,473935E+22	2,529532E+22	2,493907E+22	2,376619E+22	2,269489E+22	2,269489E+22	2,376616E+22	2,493890E+22
109	2,529494E+22	2,473923E+22	2,402482E+22	2,402519E+22	2,474019E+22	2,529584E+22	2,493930E+22	2,376622E+22	2,269490E+22	2,269486E+22	2,376619E+22	2,493937E+22
110	2,529606E+22	2,474026E+22	2,402522E+22	2,402527E+22	2,474019E+22	2,529584E+22	2,493944E+22	2,376648E+22	2,269518E+22	2,269518E+22	2,376632E+22	2,493896E+22
111	2,529517E+22	2,473930E+22	2,402417E+22	2,402426E+22	2,473939E+22	2,529524E+22	2,493912E+22	2,376650E+22	2,269535E+22	2,269526E+22	2,376632E+22	2,493907E+22
112	2,529566E+22	2,474055E+22	2,402594E+22	2,402573E+22	2,474034E+22	2,529575E+22	2,493924E+22	2,376645E+22	2,269536E+22	2,269541E+22	2,376665E+22	2,493958E+22
113	2,529598E+22	2,474047E+22	2,402574E+22	2,402547E+22	2,473986E+22	2,529528E+22	2,493910E+22	2,376671E+22	2,269588E+22	2,269591E+22	2,376674E+22	2,493907E+22
114	2,529511E+22	2,473942E+22	2,402498E+22	2,402542E+22	2,474023E+22	2,529564E+22	2,493923E+22	2,376657E+22	2,269569E+22	2,269575E+22	2,376671E+22	2,493936E+22
115	2,529604E+22	2,474099E+22	2,402647E+22	2,402656E+22	2,474121E+22	2,529633E+22	2,493954E+22	2,376663E+22	2,269563E+22	2,269579E+22	2,376691E+22	2,493951E+22
116	2,529576E+22	2,474033E+22	2,402552E+22	2,402523E+22	2,473985E+22	2,529559E+22	2,493952E+22	2,376704E+22	2,269603E+22	2,269590E+22	2,376671E+22	2,493916E+22
117	2,529536E+22	2,473992E+22	2,402561E+22	2,402588E+22	2,474048E+22	2,529589E+22	2,493961E+22	2,376711E+22	2,269618E+22	2,269591E+22	2,376658E+22	2,493926E+22
118	2,529616E+22	2,474113E+22	2,402647E+22	2,402638E+22	2,474081E+22	2,529599E+22	2,493958E+22	2,376707E+22	2,269622E+22	2,269621E+22	2,376688E+22	2,493902E+22
119	2,529512E+22	2,473974E+22	2,402509E+22	2,402514E+22	2,473983E+22	2,529534E+22	2,493918E+22	2,376685E+22	2,269606E+22	2,269604E+22	2,376682E+22	2,493912E+22
120	2,529531E+22	2,474015E+22	2,402598E+22	2,402615E+22	2,474071E+22	2,529597E+22	2,493939E+22	2,376661E+22	2,269562E+22	2,269573E+22	2,376695E+22	2,493980E+22
121	2,529611E+22	2,474042E+22	2,402565E+22	2,402564E+22	2,474016E+22	2,529557E+22	2,493929E+22	2,376668E+22	2,269570E+22	2,269577E+22	2,376679E+22	2,493925E+22
122	2,529528E+22	2,473936E+22	2,402439E+22	2,402468E+22	2,473980E+22	2,529556E+22	2,493928E+22	2,376647E+22	2,269528E+22	2,269521E+22	2,376631E+22	2,493914E+22
123	2,529589E+22	2,474082E+22	2,402604E+22	2,402581E+22	2,474055E+22	2,529604E+22	2,493940E+22	2,376635E+22	2,269506E+22	2,269506E+22	2,376631E+22	2,493925E+22
124	2,529576E+22	2,474032E+22	2,402538E+22	2,402491E+22	2,473931E+22	2,529505E+22	2,493906E+22	2,376649E+22	2,269533E+22	2,269520E+22	2,376614E+22	2,493873E+22
125	2,529498E+22	2,473932E+22	2,402481E+22	2,402527E+22	2,474005E+22	2,529541E+22	2,493899E+22	2,376634E+22	2,269532E+22	2,269518E+22	2,376611E+22	2,493886E+22
126	2,529564E+22	2,474051E+22	2,402576E+22	2,402593E+22	2,474078E+22	2,529602E+22	2,493924E+22	2,376624E+22	2,269515E+22	2,269533E+22	2,376653E+22	2,493905E+22
127	2,529509E+22	2,473937E+22	2,402446E+22	2,402450E+22	2,473952E+22	2,529538E+22	2,493915E+22	2,376636E+22	2,269516E+22	2,269517E+22	2,376635E+22	2,493905E+22
128	2,529520E+22	2,473963E+22	2,402515E+22	2,402535E+22	2,474017E+22	2,529582E+22	2,493946E+22	2,376656E+22	2,269525E+22	2,269515E+22	2,376642E+22	2,493950E+22
129	2,529615E+22	2,474061E+22	2,402570E+22	2,402554E+22	2,474001E+22	2,529547E+22	2,493930E+22	2,376678E+22	2,269579E+22	2,269577E+22	2,376665E+22	2,493906E+22
130	2,529526E+22	2,473962E+22	2,402471E+22	2,402477E+22	2,473963E+22	2,529528E+22	2,493912E+22	2,376665E+22	2,269579E+22	2,269575E+22	2,376653E+22	2,493893E+22
131	2,529549E+22	2,474069E+22	2,402640E+22	2,402636E+22	2,474085E+22	2,529601E+22	2,493934E+22	2,376663E+22	2,269580E+22	2,269594E+22	2,376695E+22	2,493955E+22
132	2,529592E+22	2,474063E+22	2,402610E+22	2,402592E+22	2,474014E+22	2,529542E+22	2,493919E+22	2,376684E+22	2,269615E+22	2,269625E+22	2,376704E+22	2,493929E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
133	2,529529E+22	2,473962E+22	2,402523E+22	2,402577E+22	2,474049E+22	2,529576E+22	2,493941E+22	2,376704E+22	2,269631E+22	2,269616E+22	2,376683E+22	2,493929E+22
134	2,529598E+22	2,474109E+22	2,402663E+22	2,402670E+22	2,474129E+22	2,529644E+22	2,493985E+22	2,376721E+22	2,269635E+22	2,269636E+22	2,376716E+22	2,493951E+22
135	2,529572E+22	2,474042E+22	2,402583E+22	2,402560E+22	2,473993E+22	2,529548E+22	2,493956E+22	2,376735E+22	2,269656E+22	2,269638E+22	2,376689E+22	2,493907E+22
136	2,529530E+22	2,474016E+22	2,402603E+22	2,402625E+22	2,474057E+22	2,529577E+22	2,493959E+22	2,376734E+22	2,269659E+22	2,269646E+22	2,376707E+22	2,493942E+22
137	2,529599E+22	2,474108E+22	2,402668E+22	2,402668E+22	2,474090E+22	2,529581E+22	2,493938E+22	2,376715E+22	2,269666E+22	2,269682E+22	2,376747E+22	2,493944E+22
138	2,529531E+22	2,473982E+22	2,402519E+22	2,402527E+22	2,474004E+22	2,529558E+22	2,493929E+22	2,376686E+22	2,269619E+22	2,269627E+22	2,376702E+22	2,493928E+22
139	2,529547E+22	2,474036E+22	2,402616E+22	2,402629E+22	2,474082E+22	2,529612E+22	2,493962E+22	2,376688E+22	2,269589E+22	2,269591E+22	2,376695E+22	2,493977E+22
140	2,529634E+22	2,474090E+22	2,402606E+22	2,402584E+22	2,474005E+22	2,529535E+22	2,493923E+22	2,376686E+22	2,269598E+22	2,269593E+22	2,376676E+22	2,493920E+22
141	2,529543E+22	2,473981E+22	2,402493E+22	2,402510E+22	2,473985E+22	2,529529E+22	2,493913E+22	2,376678E+22	2,269588E+22	2,269561E+22	2,376627E+22	2,493878E+22
142	2,529551E+22	2,474081E+22	2,402640E+22	2,402629E+22	2,474083E+22	2,529605E+22	2,493943E+22	2,376664E+22	2,269563E+22	2,269566E+22	2,376665E+22	2,493919E+22
143	2,529542E+22	2,474010E+22	2,402561E+22	2,402549E+22	2,473978E+22	2,529520E+22	2,493903E+22	2,376652E+22	2,269558E+22	2,269557E+22	2,376642E+22	2,493879E+22
144	2,529488E+22	2,473931E+22	2,402492E+22	2,402548E+22	2,474029E+22	2,529567E+22	2,493926E+22	2,376657E+22	2,269555E+22	2,269553E+22	2,376655E+22	2,493916E+22
145	2,529565E+22	2,474047E+22	2,402579E+22	2,402598E+22	2,474075E+22	2,529598E+22	2,493939E+22	2,376664E+22	2,269569E+22	2,269583E+22	2,376692E+22	2,493940E+22
146	2,529542E+22	2,473968E+22	2,402464E+22	2,402453E+22	2,473954E+22	2,529547E+22	2,493932E+22	2,376670E+22	2,269567E+22	2,269558E+22	2,376647E+22	2,493898E+22
147	2,529527E+22	2,474003E+22	2,402566E+22	2,402567E+22	2,474019E+22	2,529572E+22	2,493954E+22	2,376695E+22	2,269589E+22	2,269574E+22	2,376662E+22	2,493940E+22
148	2,529616E+22	2,474100E+22	2,402630E+22	2,402608E+22	2,474009E+22	2,529514E+22	2,493902E+22	2,376686E+22	2,269623E+22	2,269631E+22	2,376704E+22	2,493922E+22
149	2,529531E+22	2,473984E+22	2,402517E+22	2,402539E+22	2,474004E+22	2,529524E+22	2,493895E+22	2,376681E+22	2,269631E+22	2,269628E+22	2,376685E+22	2,493899E+22
150	2,529536E+22	2,474066E+22	2,402659E+22	2,402671E+22	2,474122E+22	2,529632E+22	2,493961E+22	2,376693E+22	2,269620E+22	2,269639E+22	2,376731E+22	2,493976E+22
151	2,529598E+22	2,474067E+22	2,402632E+22	2,402629E+22	2,474040E+22	2,529557E+22	2,493940E+22	2,376713E+22	2,269644E+22	2,269644E+22	2,376706E+22	2,493927E+22
152	2,529543E+22	2,474004E+22	2,402563E+22	2,402598E+22	2,474055E+22	2,529582E+22	2,493967E+22	2,376749E+22	2,269677E+22	2,269655E+22	2,376702E+22	2,493925E+22
153	2,529586E+22	2,474125E+22	2,402704E+22	2,402699E+22	2,474121E+22	2,529617E+22	2,493980E+22	2,376762E+22	2,269709E+22	2,269705E+22	2,376751E+22	2,493956E+22
154	2,529568E+22	2,474054E+22	2,402615E+22	2,402595E+22	2,474018E+22	2,529555E+22	2,493954E+22	2,376753E+22	2,269706E+22	2,269695E+22	2,376721E+22	2,493905E+22
155	2,529514E+22	2,474020E+22	2,402633E+22	2,402663E+22	2,474088E+22	2,529591E+22	2,493967E+22	2,376753E+22	2,269701E+22	2,269696E+22	2,376742E+22	2,493958E+22
156	2,529608E+22	2,474121E+22	2,402689E+22	2,402687E+22	2,474093E+22	2,529573E+22	2,493933E+22	2,376720E+22	2,269684E+22	2,269708E+22	2,376776E+22	2,493977E+22
157	2,529563E+22	2,474012E+22	2,402547E+22	2,402552E+22	2,474016E+22	2,529550E+22	2,493930E+22	2,376717E+22	2,269663E+22	2,269651E+22	2,376704E+22	2,493922E+22
158	2,529550E+22	2,474059E+22	2,402645E+22	2,402646E+22	2,474089E+22	2,529613E+22	2,493972E+22	2,376720E+22	2,269635E+22	2,269628E+22	2,376705E+22	2,493967E+22
159	2,529622E+22	2,474100E+22	2,402649E+22	2,402631E+22	2,474022E+22	2,529523E+22	2,493915E+22	2,376699E+22	2,269629E+22	2,269621E+22	2,376677E+22	2,493899E+22
160	2,529527E+22	2,473997E+22	2,402537E+22	2,402558E+22	2,474016E+22	2,529532E+22	2,493912E+22	2,376693E+22	2,269620E+22	2,269608E+22	2,376668E+22	2,493883E+22
161	2,529518E+22	2,474055E+22	2,402649E+22	2,402657E+22	2,474105E+22	2,529607E+22	2,493939E+22	2,376681E+22	2,269609E+22	2,269623E+22	2,376714E+22	2,493952E+22
162	2,529551E+22	2,474004E+22	2,402555E+22	2,402550E+22	2,474003E+22	2,529557E+22	2,493931E+22	2,376673E+22	2,269586E+22	2,269587E+22	2,376665E+22	2,493895E+22
163	2,529502E+22	2,473950E+22	2,402509E+22	2,402550E+22	2,474029E+22	2,529575E+22	2,493955E+22	2,376702E+22	2,269602E+22	2,269586E+22	2,376663E+22	2,493921E+22
164	2,529592E+22	2,474091E+22	2,402617E+22	2,402607E+22	2,474050E+22	2,529563E+22	2,493928E+22	2,376690E+22	2,269617E+22	2,269622E+22	2,376707E+22	2,493948E+22
165	2,529564E+22	2,474017E+22	2,402529E+22	2,402501E+22	2,473959E+22	2,529511E+22	2,493909E+22	2,376700E+22	2,269634E+22	2,269613E+22	2,376661E+22	2,493879E+22
166	2,529506E+22	2,474016E+22	2,402616E+22	2,402625E+22	2,474054E+22	2,529572E+22	2,493944E+22	2,376713E+22	2,269643E+22	2,269638E+22	2,376704E+22	2,493946E+22
167	2,529598E+22	2,474095E+22	2,402672E+22	2,402675E+22	2,474062E+22	2,529534E+22	2,493901E+22	2,376689E+22	2,269646E+22	2,269664E+22	2,376728E+22	2,493933E+22
168	2,529536E+22	2,474003E+22	2,402554E+22	2,402580E+22	2,474042E+22	2,529556E+22	2,493928E+22	2,376712E+22	2,269660E+22	2,269663E+22	2,376719E+22	2,493916E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
169	2,529533E+22	2,474065E+22	2,402676E+22	2,402692E+22	2,474134E+22	2,529640E+22	2,493988E+22	2,376749E+22	2,269688E+22	2,269692E+22	2,376758E+22	2,493991E+22
170	2,529617E+22	2,474096E+22	2,402657E+22	2,402638E+22	2,474054E+22	2,529580E+22	2,493969E+22	2,376760E+22	2,269709E+22	2,269695E+22	2,376718E+22	2,493910E+22
171	2,529534E+22	2,474030E+22	2,402610E+22	2,402627E+22	2,474058E+22	2,529576E+22	2,493982E+22	2,376798E+22	2,269753E+22	2,269725E+22	2,376730E+22	2,493920E+22
172	2,529580E+22	2,474139E+22	2,402744E+22	2,402737E+22	2,474127E+22	2,529586E+22	2,493951E+22	2,376771E+22	2,269759E+22	2,269770E+22	2,376803E+22	2,493987E+22
173	2,529581E+22	2,474067E+22	2,402646E+22	2,402634E+22	2,474041E+22	2,529540E+22	2,493929E+22	2,376761E+22	2,269749E+22	2,269744E+22	2,376757E+22	2,493923E+22
174	2,529516E+22	2,474018E+22	2,402643E+22	2,402680E+22	2,474105E+22	2,529602E+22	2,493974E+22	2,376766E+22	2,269726E+22	2,269729E+22	2,376772E+22	2,493985E+22
175	2,529626E+22	2,474135E+22	2,402718E+22	2,402715E+22	2,474104E+22	2,529570E+22	2,493932E+22	2,376728E+22	2,269693E+22	2,269708E+22	2,376765E+22	2,493972E+22
176	2,529581E+22	2,474057E+22	2,402599E+22	2,402579E+22	2,474020E+22	2,529547E+22	2,493937E+22	2,376736E+22	2,269685E+22	2,269672E+22	2,376708E+22	2,493903E+22
177	2,529529E+22	2,474066E+22	2,402685E+22	2,402683E+22	2,474097E+22	2,529600E+22	2,493968E+22	2,376747E+22	2,269689E+22	2,269676E+22	2,376722E+22	2,493957E+22
178	2,529609E+22	2,474103E+22	2,402673E+22	2,402665E+22	2,474066E+22	2,529554E+22	2,493921E+22	2,376712E+22	2,269665E+22	2,269661E+22	2,376694E+22	2,493884E+22
179	2,529500E+22	2,473989E+22	2,402557E+22	2,402584E+22	2,474047E+22	2,529563E+22	2,493938E+22	2,376724E+22	2,269665E+22	2,269652E+22	2,376693E+22	2,493895E+22
180	2,529524E+22	2,474051E+22	2,402652E+22	2,402664E+22	2,474106E+22	2,529603E+22	2,493947E+22	2,376706E+22	2,269646E+22	2,269660E+22	2,376745E+22	2,493983E+22
181	2,529582E+22	2,474028E+22	2,402574E+22	2,402560E+22	2,474000E+22	2,529539E+22	2,493935E+22	2,376722E+22	2,269651E+22	2,269631E+22	2,376677E+22	2,493894E+22
182	2,529509E+22	2,473974E+22	2,402541E+22	2,402564E+22	2,474022E+22	2,529562E+22	2,493959E+22	2,376740E+22	2,269665E+22	2,269645E+22	2,376693E+22	2,493925E+22
183	2,529591E+22	2,474113E+22	2,402678E+22	2,402658E+22	2,474056E+22	2,529536E+22	2,493907E+22	2,376699E+22	2,269656E+22	2,269666E+22	2,376728E+22	2,493944E+22
184	2,529562E+22	2,474048E+22	2,402594E+22	2,402565E+22	2,473996E+22	2,529511E+22	2,493895E+22	2,376701E+22	2,269665E+22	2,269669E+22	2,376710E+22	2,493892E+22
185	2,529490E+22	2,474010E+22	2,402644E+22	2,402670E+22	2,474094E+22	2,529587E+22	2,493944E+22	2,376726E+22	2,269685E+22	2,269692E+22	2,376746E+22	2,493976E+22
186	2,529616E+22	2,474105E+22	2,402684E+22	2,402695E+22	2,474107E+22	2,529585E+22	2,493934E+22	2,376717E+22	2,269679E+22	2,269692E+22	2,376739E+22	2,493934E+22
187	2,529546E+22	2,474030E+22	2,402591E+22	2,402603E+22	2,474057E+22	2,529577E+22	2,493969E+22	2,376773E+22	2,269724E+22	2,269703E+22	2,376722E+22	2,493912E+22
188	2,529547E+22	2,474093E+22	2,402714E+22	2,402711E+22	2,474120E+22	2,529613E+22	2,493986E+22	2,376789E+22	2,269755E+22	2,269748E+22	2,376778E+22	2,493989E+22
189	2,529621E+22	2,474124E+22	2,402711E+22	2,402685E+22	2,474062E+22	2,529551E+22	2,493957E+22	2,376803E+22	2,269787E+22	2,269766E+22	2,376749E+22	2,493898E+22
190	2,529509E+22	2,474029E+22	2,402645E+22	2,402670E+22	2,474084E+22	2,529574E+22	2,493971E+22	2,376812E+22	2,269805E+22	2,269795E+22	2,376785E+22	2,493939E+22
191	2,529568E+22	2,474130E+22	2,402771E+22	2,402776E+22	2,474151E+22	2,529592E+22	2,493942E+22	2,376765E+22	2,269772E+22	2,269798E+22	2,376831E+22	2,494009E+22
192	2,529603E+22	2,474091E+22	2,402677E+22	2,402663E+22	2,474064E+22	2,529556E+22	2,493941E+22	2,376770E+22	2,269762E+22	2,269769E+22	2,376785E+22	2,493941E+22
193	2,529529E+22	2,474031E+22	2,402661E+22	2,402695E+22	2,474110E+22	2,529600E+22	2,493981E+22	2,376796E+22	2,269769E+22	2,269760E+22	2,376781E+22	2,493991E+22
194	2,529649E+22	2,474169E+22	2,402745E+22	2,402728E+22	2,474122E+22	2,529592E+22	2,493950E+22	2,376756E+22	2,269732E+22	2,269734E+22	2,376757E+22	2,493942E+22
195	2,529565E+22	2,474080E+22	2,402654E+22	2,402620E+22	2,474033E+22	2,529548E+22	2,493951E+22	2,376776E+22	2,269742E+22	2,269717E+22	2,376716E+22	2,493886E+22
196	2,529511E+22	2,474058E+22	2,402709E+22	2,402718E+22	2,474111E+22	2,529587E+22	2,493951E+22	2,376758E+22	2,269732E+22	2,269729E+22	2,376759E+22	2,493969E+22
197	2,529606E+22	2,474099E+22	2,402688E+22	2,402692E+22	2,474086E+22	2,529558E+22	2,493924E+22	2,376737E+22	2,269711E+22	2,269708E+22	2,376724E+22	2,493894E+22
198	2,529497E+22	2,473981E+22	2,402557E+22	2,402586E+22	2,474051E+22	2,529574E+22	2,493957E+22	2,376754E+22	2,269705E+22	2,269696E+22	2,376727E+22	2,493917E+22
199	2,529539E+22	2,474065E+22	2,402676E+22	2,402674E+22	2,474095E+22	2,529587E+22	2,493944E+22	2,376725E+22	2,269677E+22	2,269682E+22	2,376749E+22	2,493985E+22
200	2,529609E+22	2,474077E+22	2,402631E+22	2,402592E+22	2,473997E+22	2,529520E+22	2,493924E+22	2,376734E+22	2,269690E+22	2,269679E+22	2,376704E+22	2,493888E+22
201	2,529499E+22	2,473988E+22	2,402591E+22	2,402615E+22	2,474037E+22	2,529541E+22	2,493937E+22	2,376756E+22	2,269720E+22	2,269707E+22	2,376729E+22	2,493932E+22
202	2,529593E+22	2,474129E+22	2,402715E+22	2,402708E+22	2,474112E+22	2,529570E+22	2,493907E+22	2,376705E+22	2,269687E+22	2,269708E+22	2,376753E+22	2,493940E+22
203	2,529550E+22	2,474056E+22	2,402635E+22	2,402612E+22	2,474039E+22	2,529550E+22	2,493928E+22	2,376735E+22	2,269707E+22	2,269707E+22	2,376729E+22	2,493904E+22
204	2,529502E+22	2,474014E+22	2,402662E+22	2,402695E+22	2,474111E+22	2,529601E+22	2,493965E+22	2,376763E+22	2,269733E+22	2,269733E+22	2,376768E+22	2,493990E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
205	2,529641E+22	2,474136E+22	2,402715E+22	2,402718E+22	2,474114E+22	2,529583E+22	2,493955E+22	2,376778E+22	2,269753E+22	2,269743E+22	2,376749E+22	2,493919E+22
206	2,529538E+22	2,474046E+22	2,402625E+22	2,402622E+22	2,474054E+22	2,529573E+22	2,493985E+22	2,376824E+22	2,269803E+22	2,269777E+22	2,376759E+22	2,493911E+22
207	2,529533E+22	2,474100E+22	2,402762E+22	2,402757E+22	2,474125E+22	2,529588E+22	2,493967E+22	2,376806E+22	2,269806E+22	2,269807E+22	2,376814E+22	2,493995E+22
208	2,529620E+22	2,474141E+22	2,402756E+22	2,402734E+22	2,474088E+22	2,529544E+22	2,493936E+22	2,376798E+22	2,269822E+22	2,269832E+22	2,376811E+22	2,493924E+22
209	2,529506E+22	2,474021E+22	2,402660E+22	2,402698E+22	2,474104E+22	2,529580E+22	2,493965E+22	2,376817E+22	2,269836E+22	2,269841E+22	2,376831E+22	2,493980E+22
210	2,529604E+22	2,474155E+22	2,402782E+22	2,402784E+22	2,474175E+22	2,529622E+22	2,493960E+22	2,376778E+22	2,269786E+22	2,269808E+22	2,376831E+22	2,494008E+22
211	2,529621E+22	2,474133E+22	2,402726E+22	2,402689E+22	2,474069E+22	2,529564E+22	2,493966E+22	2,376810E+22	2,269802E+22	2,269784E+22	2,376766E+22	2,493925E+22
212	2,529542E+22	2,474062E+22	2,402707E+22	2,402726E+22	2,474106E+22	2,529578E+22	2,493972E+22	2,376820E+22	2,269816E+22	2,269796E+22	2,376782E+22	2,493968E+22
213	2,529640E+22	2,474191E+22	2,402794E+22	2,402779E+22	2,474140E+22	2,529578E+22	2,493945E+22	2,376791E+22	2,269791E+22	2,269784E+22	2,376770E+22	2,493912E+22
214	2,529524E+22	2,474063E+22	2,402675E+22	2,402661E+22	2,474066E+22	2,529566E+22	2,493960E+22	2,376800E+22	2,269791E+22	2,269778E+22	2,376761E+22	2,493896E+22
215	2,529487E+22	2,474033E+22	2,402717E+22	2,402743E+22	2,474128E+22	2,529598E+22	2,493959E+22	2,376769E+22	2,269754E+22	2,269761E+22	2,376788E+22	2,493987E+22
216	2,529617E+22	2,474108E+22	2,402704E+22	2,402708E+22	2,474095E+22	2,529566E+22	2,493938E+22	2,376755E+22	2,269742E+22	2,269753E+22	2,376764E+22	2,493914E+22
217	2,529509E+22	2,473992E+22	2,402569E+22	2,402591E+22	2,474042E+22	2,529563E+22	2,493958E+22	2,376783E+22	2,269758E+22	2,269746E+22	2,376756E+22	2,493935E+22
218	2,529568E+22	2,474105E+22	2,402705E+22	2,402687E+22	2,474100E+22	2,529591E+22	2,493945E+22	2,376745E+22	2,269719E+22	2,269724E+22	2,376762E+22	2,493972E+22
219	2,529606E+22	2,474113E+22	2,402698E+22	2,402650E+22	2,474018E+22	2,529515E+22	2,493922E+22	2,376759E+22	2,269739E+22	2,269726E+22	2,376726E+22	2,493893E+22
220	2,529502E+22	2,473995E+22	2,402626E+22	2,402665E+22	2,474064E+22	2,529534E+22	2,493916E+22	2,376755E+22	2,269753E+22	2,269755E+22	2,376765E+22	2,493950E+22
221	2,529601E+22	2,474140E+22	2,402743E+22	2,402748E+22	2,474144E+22	2,529589E+22	2,493926E+22	2,376735E+22	2,269725E+22	2,269744E+22	2,376773E+22	2,493944E+22
222	2,529549E+22	2,474060E+22	2,402655E+22	2,402637E+22	2,474056E+22	2,529575E+22	2,493963E+22	2,376780E+22	2,269756E+22	2,269748E+22	2,376752E+22	2,493908E+22
223	2,529504E+22	2,474029E+22	2,402693E+22	2,402715E+22	2,474105E+22	2,529592E+22	2,493977E+22	2,376801E+22	2,269783E+22	2,269768E+22	2,376773E+22	2,493976E+22
224	2,529644E+22	2,474172E+22	2,402772E+22	2,402758E+22	2,474119E+22	2,529571E+22	2,493954E+22	2,376803E+22	2,269815E+22	2,269815E+22	2,376787E+22	2,493910E+22
225	2,529520E+22	2,474050E+22	2,402663E+22	2,402667E+22	2,474066E+22	2,529555E+22	2,493968E+22	2,376846E+22	2,269869E+22	2,269855E+22	2,376812E+22	2,493928E+22
226	2,529538E+22	2,474112E+22	2,402781E+22	2,402790E+22	2,474165E+22	2,529612E+22	2,493966E+22	2,376812E+22	2,269841E+22	2,269854E+22	2,376850E+22	2,494006E+22
227	2,529623E+22	2,474159E+22	2,402794E+22	2,402776E+22	2,474116E+22	2,529566E+22	2,493957E+22	2,376825E+22	2,269855E+22	2,269861E+22	2,376831E+22	2,493950E+22
228	2,529535E+22	2,474038E+22	2,402680E+22	2,402721E+22	2,474111E+22	2,529576E+22	2,493969E+22	2,376839E+22	2,269869E+22	2,269870E+22	2,376845E+22	2,493992E+22
229	2,529632E+22	2,474197E+22	2,402823E+22	2,402811E+22	2,474177E+22	2,529619E+22	2,493978E+22	2,376825E+22	2,269839E+22	2,269841E+22	2,376829E+22	2,493983E+22
230	2,529607E+22	2,474152E+22	2,402769E+22	2,402726E+22	2,474076E+22	2,529565E+22	2,493981E+22	2,376850E+22	2,269862E+22	2,269839E+22	2,376788E+22	2,493906E+22
231	2,529511E+22	2,474062E+22	2,402748E+22	2,402774E+22	2,474121E+22	2,529564E+22	2,493960E+22	2,376834E+22	2,269856E+22	2,269842E+22	2,376807E+22	2,493959E+22
232	2,529619E+22	2,474190E+22	2,402822E+22	2,402824E+22	2,474175E+22	2,529588E+22	2,493936E+22	2,376787E+22	2,269823E+22	2,269846E+22	2,376824E+22	2,493930E+22
233	2,529511E+22	2,474040E+22	2,402665E+22	2,402673E+22	2,474080E+22	2,529577E+22	2,493970E+22	2,376816E+22	2,269826E+22	2,269825E+22	2,376808E+22	2,493937E+22
234	2,529521E+22	2,474049E+22	2,402706E+22	2,402734E+22	2,474135E+22	2,529616E+22	2,493979E+22	2,376792E+22	2,269778E+22	2,269780E+22	2,376799E+22	2,493995E+22
235	2,529638E+22	2,474149E+22	2,402743E+22	2,402722E+22	2,474082E+22	2,529555E+22	2,493951E+22	2,376793E+22	2,269787E+22	2,269777E+22	2,376764E+22	2,493916E+22
236	2,529530E+22	2,474027E+22	2,402613E+22	2,402624E+22	2,474034E+22	2,529529E+22	2,493935E+22	2,376793E+22	2,269800E+22	2,269790E+22	2,376773E+22	2,493930E+22
237	2,529573E+22	2,474141E+22	2,402764E+22	2,402743E+22	2,474117E+22	2,529574E+22	2,493932E+22	2,376762E+22	2,269760E+22	2,269767E+22	2,376779E+22	2,493954E+22
238	2,529578E+22	2,474111E+22	2,402731E+22	2,402703E+22	2,474059E+22	2,529539E+22	2,493933E+22	2,376775E+22	2,269775E+22	2,269773E+22	2,376761E+22	2,493899E+22
239	2,529485E+22	2,473991E+22	2,402652E+22	2,402704E+22	2,474092E+22	2,529555E+22	2,493934E+22	2,376775E+22	2,269778E+22	2,269779E+22	2,376780E+22	2,493954E+22
240	2,529608E+22	2,474158E+22	2,402770E+22	2,402780E+22	2,474165E+22	2,529606E+22	2,493949E+22	2,376767E+22	2,269774E+22	2,269795E+22	2,376800E+22	2,493945E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
241	2,529547E+22	2,474070E+22	2,402672E+22	2,402653E+22	2,474056E+22	2,529573E+22	2,493983E+22	2,376833E+22	2,269833E+22	2,269815E+22	2,376785E+22	2,493917E+22
242	2,529518E+22	2,474059E+22	2,402719E+22	2,402734E+22	2,474113E+22	2,529593E+22	2,493985E+22	2,376838E+22	2,269846E+22	2,269830E+22	2,376802E+22	2,493965E+22
243	2,529628E+22	2,474195E+22	2,402828E+22	2,402814E+22	2,474136E+22	2,529560E+22	2,493950E+22	2,376835E+22	2,269878E+22	2,269878E+22	2,376829E+22	2,493932E+22
244	2,529526E+22	2,474056E+22	2,402690E+22	2,402709E+22	2,474089E+22	2,529546E+22	2,493943E+22	2,376843E+22	2,269906E+22	2,269913E+22	2,376863E+22	2,493964E+22
245	2,529564E+22	2,474138E+22	2,402811E+22	2,402821E+22	2,474179E+22	2,529616E+22	2,493978E+22	2,376836E+22	2,269871E+22	2,269887E+22	2,376872E+22	2,494018E+22
246	2,529635E+22	2,474181E+22	2,402823E+22	2,402805E+22	2,474131E+22	2,529579E+22	2,493981E+22	2,376859E+22	2,269894E+22	2,269891E+22	2,376845E+22	2,493952E+22
247	2,529541E+22	2,474073E+22	2,402729E+22	2,402753E+22	2,474112E+22	2,529564E+22	2,493971E+22	2,376864E+22	2,269905E+22	2,269890E+22	2,376838E+22	2,493968E+22
248	2,529624E+22	2,474229E+22	2,402883E+22	2,402865E+22	2,474197E+22	2,529614E+22	2,493974E+22	2,376840E+22	2,269887E+22	2,269899E+22	2,376853E+22	2,493962E+22
249	2,529574E+22	2,474143E+22	2,402796E+22	2,402773E+22	2,474106E+22	2,529568E+22	2,493981E+22	2,376872E+22	2,269915E+22	2,269902E+22	2,376832E+22	2,493917E+22
250	2,529501E+22	2,474054E+22	2,402741E+22	2,402791E+22	2,474161E+22	2,529599E+22	2,493976E+22	2,376848E+22	2,269885E+22	2,269881E+22	2,376838E+22	2,493968E+22
251	2,529610E+22	2,474190E+22	2,402836E+22	2,402847E+22	2,474194E+22	2,529610E+22	2,493967E+22	2,376824E+22	2,269859E+22	2,269872E+22	2,376846E+22	2,493963E+22
252	2,529541E+22	2,474052E+22	2,402667E+22	2,402673E+22	2,474069E+22	2,529559E+22	2,493966E+22	2,376838E+22	2,269863E+22	2,269858E+22	2,376828E+22	2,493956E+22
253	2,529553E+22	2,474094E+22	2,402739E+22	2,402741E+22	2,474111E+22	2,529591E+22	2,493986E+22	2,376831E+22	2,269827E+22	2,269816E+22	2,376805E+22	2,493981E+22
254	2,529632E+22	2,474177E+22	2,402792E+22	2,402761E+22	2,474083E+22	2,529537E+22	2,493948E+22	2,376818E+22	2,269835E+22	2,269827E+22	2,376790E+22	2,493907E+22
255	2,529508E+22	2,474041E+22	2,402665E+22	2,402677E+22	2,474052E+22	2,529509E+22	2,493909E+22	2,376791E+22	2,269825E+22	2,269824E+22	2,376795E+22	2,493927E+22
256	2,529560E+22	2,474150E+22	2,402803E+22	2,402800E+22	2,474163E+22	2,529593E+22	2,493926E+22	2,376754E+22	2,269785E+22	2,269817E+22	2,376819E+22	2,493965E+22
257	2,529569E+22	2,474102E+22	2,402737E+22	2,402730E+22	2,474087E+22	2,529563E+22	2,493957E+22	2,376802E+22	2,269813E+22	2,269813E+22	2,376792E+22	2,493921E+22
258	2,529508E+22	2,474012E+22	2,402652E+22	2,402710E+22	2,474111E+22	2,529579E+22	2,493967E+22	2,376819E+22	2,269823E+22	2,269807E+22	2,376783E+22	2,493943E+22
259	2,529605E+22	2,474190E+22	2,402817E+22	2,402812E+22	2,474168E+22	2,529603E+22	2,493972E+22	2,376824E+22	2,269843E+22	2,269838E+22	2,376810E+22	2,493944E+22
260	2,529552E+22	2,474090E+22	2,402712E+22	2,402691E+22	2,474057E+22	2,529541E+22	2,493965E+22	2,376860E+22	2,269901E+22	2,269888E+22	2,376826E+22	2,493923E+22
261	2,529518E+22	2,474085E+22	2,402767E+22	2,402781E+22	2,474126E+22	2,529578E+22	2,493982E+22	2,376867E+22	2,269902E+22	2,269896E+22	2,376847E+22	2,493972E+22
262	2,529611E+22	2,474195E+22	2,402859E+22	2,402858E+22	2,474169E+22	2,529578E+22	2,493961E+22	2,376854E+22	2,269920E+22	2,269936E+22	2,376880E+22	2,493958E+22
263	2,529527E+22	2,474070E+22	2,402724E+22	2,402744E+22	2,474108E+22	2,529552E+22	2,493951E+22	2,376857E+22	2,269927E+22	2,269937E+22	2,376882E+22	2,493981E+22
264	2,529588E+22	2,474174E+22	2,402853E+22	2,402860E+22	2,474202E+22	2,529624E+22	2,493984E+22	2,376854E+22	2,269912E+22	2,269931E+22	2,376890E+22	2,494017E+22
265	2,529639E+22	2,474201E+22	2,402853E+22	2,402832E+22	2,474143E+22	2,529583E+22	2,493997E+22	2,376901E+22	2,269955E+22	2,269942E+22	2,376865E+22	2,493951E+22
266	2,529546E+22	2,474100E+22	2,402759E+22	2,402787E+22	2,474137E+22	2,529571E+22	2,493982E+22	2,376897E+22	2,269956E+22	2,269936E+22	2,376854E+22	2,493949E+22
267	2,529593E+22	2,474233E+22	2,402927E+22	2,402918E+22	2,474225E+22	2,529616E+22	2,493979E+22	2,376872E+22	2,269938E+22	2,269943E+22	2,376883E+22	2,493979E+22
268	2,529567E+22	2,474127E+22	2,402798E+22	2,402795E+22	2,474126E+22	2,529569E+22	2,493974E+22	2,376880E+22	2,269950E+22	2,269951E+22	2,376877E+22	2,493950E+22
269	2,529523E+22	2,474070E+22	2,402750E+22	2,402790E+22	2,474151E+22	2,529598E+22	2,493997E+22	2,376878E+22	2,269913E+22	2,269907E+22	2,376856E+22	2,493979E+22
270	2,529618E+22	2,474204E+22	2,402849E+22	2,402847E+22	2,474183E+22	2,529602E+22	2,493980E+22	2,376857E+22	2,269899E+22	2,269901E+22	2,376858E+22	2,493964E+22
271	2,529548E+22	2,474090E+22	2,402715E+22	2,402692E+22	2,474054E+22	2,529526E+22	2,493947E+22	2,376849E+22	2,269893E+22	2,269880E+22	2,376825E+22	2,493941E+22
272	2,529554E+22	2,474133E+22	2,402804E+22	2,402797E+22	2,474128E+22	2,529566E+22	2,493952E+22	2,376825E+22	2,269865E+22	2,269869E+22	2,376828E+22	2,493966E+22
273	2,529606E+22	2,474175E+22	2,402824E+22	2,402815E+22	2,474123E+22	2,529543E+22	2,493940E+22	2,376828E+22	2,269873E+22	2,269876E+22	2,376826E+22	2,493920E+22
274	2,529505E+22	2,474043E+22	2,402675E+22	2,402713E+22	2,474105E+22	2,529547E+22	2,493929E+22	2,376806E+22	2,269848E+22	2,269851E+22	2,376813E+22	2,493928E+22
275	2,529545E+22	2,474150E+22	2,402829E+22	2,402837E+22	2,474195E+22	2,529623E+22	2,493967E+22	2,376803E+22	2,269828E+22	2,269838E+22	2,376830E+22	2,493983E+22
276	2,529584E+22	2,474110E+22	2,402746E+22	2,402741E+22	2,474096E+22	2,529564E+22	2,493973E+22	2,376846E+22	2,269874E+22	2,269865E+22	2,376816E+22	2,493930E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
277	2,529526E+22	2,474052E+22	2,402689E+22	2,402718E+22	2,474094E+22	2,529568E+22	2,493991E+22	2,376876E+22	2,269895E+22	2,269869E+22	2,376807E+22	2,493932E+22
278	2,529588E+22	2,474203E+22	2,402860E+22	2,402851E+22	2,474175E+22	2,529589E+22	2,493974E+22	2,376865E+22	2,269917E+22	2,269916E+22	2,376859E+22	2,493951E+22
279	2,529537E+22	2,474104E+22	2,402759E+22	2,402740E+22	2,474076E+22	2,529519E+22	2,493935E+22	2,376862E+22	2,269941E+22	2,269944E+22	2,376872E+22	2,493947E+22
280	2,529525E+22	2,474102E+22	2,402807E+22	2,402832E+22	2,474163E+22	2,529583E+22	2,493964E+22	2,376857E+22	2,269935E+22	2,269956E+22	2,376898E+22	2,494004E+22
281	2,529625E+22	2,474205E+22	2,402878E+22	2,402884E+22	2,474192E+22	2,529595E+22	2,493980E+22	2,376880E+22	2,269954E+22	2,269971E+22	2,376910E+22	2,493988E+22
282	2,529565E+22	2,474111E+22	2,402748E+22	2,402761E+22	2,474127E+22	2,529567E+22	2,493973E+22	2,376892E+22	2,269963E+22	2,269954E+22	2,376874E+22	2,493964E+22
283	2,529587E+22	2,474215E+22	2,402918E+22	2,402909E+22	2,474219E+22	2,529626E+22	2,494004E+22	2,376902E+22	2,269968E+22	2,269958E+22	2,376886E+22	2,494005E+22
284	2,529634E+22	2,474218E+22	2,402895E+22	2,402878E+22	2,474162E+22	2,529567E+22	2,493983E+22	2,376923E+22	2,270011E+22	2,270001E+22	2,376890E+22	2,493941E+22
285	2,529532E+22	2,474111E+22	2,402793E+22	2,402819E+22	2,474154E+22	2,529576E+22	2,493994E+22	2,376928E+22	2,270005E+22	2,269989E+22	2,376885E+22	2,493946E+22
286	2,529562E+22	2,474211E+22	2,402937E+22	2,402945E+22	2,474253E+22	2,529638E+22	2,494001E+22	2,376900E+22	2,269981E+22	2,269991E+22	2,376921E+22	2,493996E+22
287	2,529564E+22	2,474129E+22	2,402812E+22	2,402802E+22	2,474123E+22	2,529559E+22	2,493974E+22	2,376898E+22	2,269977E+22	2,269976E+22	2,376894E+22	2,493967E+22
288	2,529545E+22	2,474099E+22	2,402779E+22	2,402806E+22	2,474150E+22	2,529583E+22	2,493986E+22	2,376891E+22	2,269957E+22	2,269954E+22	2,376876E+22	2,493983E+22
289	2,529626E+22	2,474226E+22	2,402878E+22	2,402861E+22	2,474176E+22	2,529586E+22	2,493977E+22	2,376882E+22	2,269948E+22	2,269949E+22	2,376882E+22	2,493968E+22
290	2,529557E+22	2,474117E+22	2,402753E+22	2,402731E+22	2,474077E+22	2,529518E+22	2,493935E+22	2,376858E+22	2,269926E+22	2,269914E+22	2,376838E+22	2,493927E+22
291	2,529531E+22	2,474140E+22	2,402854E+22	2,402861E+22	2,474175E+22	2,529577E+22	2,493948E+22	2,376836E+22	2,269895E+22	2,269895E+22	2,376849E+22	2,493985E+22
292	2,529606E+22	2,474165E+22	2,402832E+22	2,402844E+22	2,474160E+22	2,529560E+22	2,493941E+22	2,376834E+22	2,269900E+22	2,269913E+22	2,376856E+22	2,493943E+22
293	2,529525E+22	2,474062E+22	2,402693E+22	2,402719E+22	2,474107E+22	2,529566E+22	2,493972E+22	2,376853E+22	2,269886E+22	2,269878E+22	2,376824E+22	2,493928E+22
294	2,529542E+22	2,474156E+22	2,402849E+22	2,402850E+22	2,474198E+22	2,529629E+22	2,493998E+22	2,376860E+22	2,269893E+22	2,269885E+22	2,376843E+22	2,493971E+22
295	2,529577E+22	2,474140E+22	2,402795E+22	2,402764E+22	2,474086E+22	2,529537E+22	2,493964E+22	2,376877E+22	2,269934E+22	2,269917E+22	2,376835E+22	2,493923E+22
296	2,529523E+22	2,474081E+22	2,402749E+22	2,402770E+22	2,474111E+22	2,529544E+22	2,493960E+22	2,376883E+22	2,269958E+22	2,269951E+22	2,376854E+22	2,493937E+22
297	2,529575E+22	2,474200E+22	2,402886E+22	2,402890E+22	2,474206E+22	2,529594E+22	2,493969E+22	2,376881E+22	2,269968E+22	2,269983E+22	2,376915E+22	2,493986E+22
298	2,529556E+22	2,474118E+22	2,402782E+22	2,402779E+22	2,474119E+22	2,529543E+22	2,493947E+22	2,376876E+22	2,269969E+22	2,269976E+22	2,376897E+22	2,493965E+22
299	2,529539E+22	2,474128E+22	2,402852E+22	2,402877E+22	2,474192E+22	2,529599E+22	2,493986E+22	2,376894E+22	2,269971E+22	2,269972E+22	2,376906E+22	2,494025E+22
300	2,529652E+22	2,474231E+22	2,402906E+22	2,402907E+22	2,474205E+22	2,529594E+22	2,493988E+22	2,376916E+22	2,270009E+22	2,270014E+22	2,376922E+22	2,493986E+22
301	2,529581E+22	2,474158E+22	2,402808E+22	2,402788E+22	2,474121E+22	2,529564E+22	2,494000E+22	2,376942E+22	2,270025E+22	2,270003E+22	2,376884E+22	2,493936E+22
302	2,529552E+22	2,474213E+22	2,402962E+22	2,402958E+22	2,474239E+22	2,529623E+22	2,494012E+22	2,376944E+22	2,270038E+22	2,270026E+22	2,376918E+22	2,493989E+22
303	2,529602E+22	2,474215E+22	2,402928E+22	2,402917E+22	2,474187E+22	2,529563E+22	2,493966E+22	2,376929E+22	2,270052E+22	2,270054E+22	2,376930E+22	2,493957E+22
304	2,529530E+22	2,474112E+22	2,402813E+22	2,402845E+22	2,474177E+22	2,529582E+22	2,493981E+22	2,376926E+22	2,270040E+22	2,270046E+22	2,376928E+22	2,493972E+22
305	2,529573E+22	2,474206E+22	2,402932E+22	2,402941E+22	2,474254E+22	2,529643E+22	2,494016E+22	2,376928E+22	2,270016E+22	2,270025E+22	2,376949E+22	2,494026E+22
306	2,529601E+22	2,474160E+22	2,402830E+22	2,402812E+22	2,474125E+22	2,529550E+22	2,493975E+22	2,376919E+22	2,270007E+22	2,269994E+22	2,376890E+22	2,493957E+22
307	2,529550E+22	2,474135E+22	2,402840E+22	2,402852E+22	2,474157E+22	2,529566E+22	2,493977E+22	2,376912E+22	2,269993E+22	2,269975E+22	2,376880E+22	2,493981E+22
308	2,529626E+22	2,474238E+22	2,402918E+22	2,402906E+22	2,474199E+22	2,529572E+22	2,493954E+22	2,376885E+22	2,269985E+22	2,269996E+22	2,376908E+22	2,493967E+22
309	2,529552E+22	2,474134E+22	2,402793E+22	2,402766E+22	2,474102E+22	2,529540E+22	2,493955E+22	2,376876E+22	2,269953E+22	2,269949E+22	2,376858E+22	2,493921E+22
310	2,529506E+22	2,474121E+22	2,402869E+22	2,402894E+22	2,474212E+22	2,529615E+22	2,493983E+22	2,376872E+22	2,269935E+22	2,269932E+22	2,376867E+22	2,493984E+22
311	2,529604E+22	2,474173E+22	2,402850E+22	2,402858E+22	2,474170E+22	2,529568E+22	2,493956E+22	2,376867E+22	2,269941E+22	2,269942E+22	2,376866E+22	2,493948E+22
312	2,529539E+22	2,474087E+22	2,402724E+22	2,402735E+22	2,474109E+22	2,529560E+22	2,493971E+22	2,376888E+22	2,269957E+22	2,269945E+22	2,376850E+22	2,493927E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
313	2,529541E+22	2,474167E+22	2,402875E+22	2,402864E+22	2,474191E+22	2,529617E+22	2,494007E+22	2,376905E+22	2,269967E+22	2,269959E+22	2,376886E+22	2,493984E+22
314	2,529584E+22	2,474156E+22	2,402830E+22	2,402805E+22	2,474102E+22	2,529519E+22	2,493947E+22	2,376895E+22	2,269986E+22	2,269978E+22	2,376873E+22	2,493929E+22
315	2,529514E+22	2,474093E+22	2,402800E+22	2,402831E+22	2,474149E+22	2,529548E+22	2,493948E+22	2,376891E+22	2,269993E+22	2,269993E+22	2,376899E+22	2,493978E+22
316	2,529596E+22	2,474209E+22	2,402907E+22	2,402917E+22	2,474230E+22	2,529600E+22	2,493963E+22	2,376884E+22	2,269995E+22	2,270024E+22	2,376950E+22	2,494016E+22
317	2,529592E+22	2,474160E+22	2,402822E+22	2,402794E+22	2,474118E+22	2,529556E+22	2,493980E+22	2,376913E+22	2,270002E+22	2,269998E+22	2,376898E+22	2,493956E+22
318	2,529543E+22	2,474154E+22	2,402898E+22	2,402914E+22	2,474209E+22	2,529609E+22	2,494010E+22	2,376944E+22	2,270032E+22	2,270011E+22	2,376903E+22	2,493994E+22
319	2,529641E+22	2,474266E+22	2,402966E+22	2,402950E+22	2,474214E+22	2,529578E+22	2,493978E+22	2,376942E+22	2,270064E+22	2,270062E+22	2,376932E+22	2,493964E+22
320	2,529562E+22	2,474173E+22	2,402865E+22	2,402850E+22	2,474154E+22	2,529559E+22	2,493980E+22	2,376958E+22	2,270091E+22	2,270082E+22	2,376926E+22	2,493932E+22
321	2,529523E+22	2,474187E+22	2,402969E+22	2,402989E+22	2,474272E+22	2,529645E+22	2,494025E+22	2,376969E+22	2,270089E+22	2,270092E+22	2,376972E+22	2,494017E+22
322	2,529606E+22	2,474205E+22	2,402929E+22	2,402938E+22	2,474212E+22	2,529581E+22	2,493983E+22	2,376950E+22	2,270083E+22	2,270088E+22	2,376957E+22	2,493975E+22
323	2,529544E+22	2,474126E+22	2,402837E+22	2,402869E+22	2,474189E+22	2,529588E+22	2,493995E+22	2,376956E+22	2,270073E+22	2,270066E+22	2,376946E+22	2,494000E+22
324	2,529606E+22	2,474232E+22	2,402947E+22	2,402942E+22	2,474242E+22	2,529628E+22	2,494010E+22	2,376950E+22	2,270062E+22	2,270067E+22	2,376967E+22	2,494032E+22
325	2,529627E+22	2,474210E+22	2,402885E+22	2,402832E+22	2,474108E+22	2,529537E+22	2,493986E+22	2,376946E+22	2,270048E+22	2,270031E+22	2,376900E+22	2,493939E+22
326	2,529530E+22	2,474141E+22	2,402887E+22	2,402907E+22	2,474185E+22	2,529563E+22	2,493972E+22	2,376931E+22	2,270037E+22	2,270022E+22	2,376901E+22	2,493966E+22
327	2,529605E+22	2,474243E+22	2,402949E+22	2,402947E+22	2,474230E+22	2,529580E+22	2,493940E+22	2,376880E+22	2,270005E+22	2,270028E+22	2,376933E+22	2,493977E+22
328	2,529554E+22	2,474141E+22	2,402819E+22	2,402798E+22	2,474128E+22	2,529559E+22	2,493957E+22	2,376886E+22	2,269988E+22	2,269991E+22	2,376883E+22	2,493932E+22
329	2,529510E+22	2,474114E+22	2,402863E+22	2,402891E+22	2,474213E+22	2,529630E+22	2,494017E+22	2,376919E+22	2,269985E+22	2,269972E+22	2,376887E+22	2,493991E+22
330	2,529620E+22	2,474194E+22	2,402873E+22	2,402875E+22	2,474171E+22	2,529562E+22	2,493966E+22	2,376906E+22	2,269995E+22	2,269981E+22	2,376871E+22	2,493932E+22
331	2,529536E+22	2,474116E+22	2,402784E+22	2,402784E+22	2,474115E+22	2,529539E+22	2,493960E+22	2,376914E+22	2,270010E+22	2,269991E+22	2,376876E+22	2,493934E+22
332	2,529539E+22	2,474174E+22	2,402904E+22	2,402900E+22	2,474205E+22	2,529599E+22	2,493981E+22	2,376913E+22	2,270018E+22	2,270027E+22	2,376936E+22	2,494002E+22
333	2,529594E+22	2,474179E+22	2,402873E+22	2,402841E+22	2,474121E+22	2,529536E+22	2,493960E+22	2,376907E+22	2,270017E+22	2,270023E+22	2,376909E+22	2,493942E+22
334	2,529509E+22	2,474092E+22	2,402830E+22	2,402875E+22	2,474182E+22	2,529572E+22	2,493970E+22	2,376920E+22	2,270032E+22	2,270031E+22	2,376919E+22	2,493981E+22
335	2,529609E+22	2,474240E+22	2,402942E+22	2,402945E+22	2,474245E+22	2,529607E+22	2,493971E+22	2,376910E+22	2,270034E+22	2,270055E+22	2,376960E+22	2,494016E+22
336	2,529609E+22	2,474202E+22	2,402879E+22	2,402835E+22	2,474133E+22	2,529557E+22	2,493979E+22	2,376946E+22	2,270072E+22	2,270059E+22	2,376914E+22	2,493940E+22
337	2,529530E+22	2,474162E+22	2,402932E+22	2,402948E+22	2,474222E+22	2,529612E+22	2,494028E+22	2,376993E+22	2,270106E+22	2,270083E+22	2,376938E+22	2,493988E+22
338	2,529626E+22	2,474266E+22	2,403001E+22	2,403007E+22	2,474249E+22	2,529578E+22	2,493974E+22	2,376965E+22	2,270118E+22	2,270121E+22	2,376968E+22	2,493967E+22
339	2,529545E+22	2,474167E+22	2,402895E+22	2,402901E+22	2,474192E+22	2,529575E+22	2,493983E+22	2,376973E+22	2,270125E+22	2,270126E+22	2,376976E+22	2,493975E+22
340	2,529541E+22	2,474181E+22	2,402962E+22	2,402991E+22	2,474276E+22	2,529652E+22	2,494034E+22	2,376987E+22	2,270123E+22	2,270135E+22	2,377013E+22	2,494052E+22
341	2,529647E+22	2,474245E+22	2,402953E+22	2,402932E+22	2,474191E+22	2,529582E+22	2,494011E+22	2,376984E+22	2,270116E+22	2,270112E+22	2,376965E+22	2,493975E+22
342	2,529554E+22	2,474158E+22	2,402880E+22	2,402897E+22	2,474187E+22	2,529577E+22	2,494000E+22	2,376989E+22	2,270123E+22	2,270102E+22	2,376945E+22	2,493975E+22
343	2,529607E+22	2,474276E+22	2,403005E+22	2,402982E+22	2,474243E+22	2,529600E+22	2,493982E+22	2,376952E+22	2,270096E+22	2,270105E+22	2,376978E+22	2,494016E+22
344	2,529615E+22	2,474231E+22	2,402941E+22	2,402897E+22	2,474143E+22	2,529533E+22	2,493958E+22	2,376945E+22	2,270091E+22	2,270084E+22	2,376927E+22	2,493932E+22
345	2,529506E+22	2,474124E+22	2,402896E+22	2,402942E+22	2,474223E+22	2,529596E+22	2,493994E+22	2,376953E+22	2,270071E+22	2,270064E+22	2,376934E+22	2,493978E+22
346	2,529602E+22	2,474232E+22	2,402955E+22	2,402975E+22	2,474256E+22	2,529602E+22	2,493965E+22	2,376907E+22	2,270032E+22	2,270048E+22	2,376941E+22	2,493977E+22
347	2,529556E+22	2,474150E+22	2,402841E+22	2,402825E+22	2,474143E+22	2,529572E+22	2,493982E+22	2,376927E+22	2,270029E+22	2,270019E+22	2,376903E+22	2,493948E+22
348	2,529525E+22	2,474129E+22	2,402870E+22	2,402890E+22	2,474198E+22	2,529616E+22	2,494020E+22	2,376954E+22	2,270047E+22	2,270032E+22	2,376918E+22	2,493993E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
349	2,529628E+22	2,474229E+22	2,402916E+22	2,402890E+22	2,474149E+22	2,529545E+22	2,493975E+22	2,376937E+22	2,270050E+22	2,270041E+22	2,376904E+22	2,493925E+22
350	2,529516E+22	2,474118E+22	2,402824E+22	2,402839E+22	2,474143E+22	2,529533E+22	2,493946E+22	2,376929E+22	2,270062E+22	2,270054E+22	2,376916E+22	2,493938E+22
351	2,529540E+22	2,474193E+22	2,402934E+22	2,402936E+22	2,474226E+22	2,529596E+22	2,493958E+22	2,376901E+22	2,270039E+22	2,270068E+22	2,376974E+22	2,494030E+22
352	2,529616E+22	2,474206E+22	2,402910E+22	2,402882E+22	2,474146E+22	2,529544E+22	2,493956E+22	2,376917E+22	2,270051E+22	2,270060E+22	2,376933E+22	2,493956E+22
353	2,529527E+22	2,474112E+22	2,402852E+22	2,402895E+22	2,474194E+22	2,529588E+22	2,494001E+22	2,376965E+22	2,270080E+22	2,270065E+22	2,376931E+22	2,493979E+22
354	2,529619E+22	2,474268E+22	2,402989E+22	2,402990E+22	2,474258E+22	2,529606E+22	2,493984E+22	2,376948E+22	2,270088E+22	2,270092E+22	2,376958E+22	2,493988E+22
355	2,529593E+22	2,474227E+22	2,402943E+22	2,402905E+22	2,474164E+22	2,529559E+22	2,493985E+22	2,376980E+22	2,270126E+22	2,270112E+22	2,376945E+22	2,493941E+22
356	2,529515E+22	2,474158E+22	2,402948E+22	2,402982E+22	2,474248E+22	2,529617E+22	2,494027E+22	2,377017E+22	2,270167E+22	2,270157E+22	2,376991E+22	2,494003E+22
357	2,529622E+22	2,474275E+22	2,403024E+22	2,403026E+22	2,474263E+22	2,529605E+22	2,494005E+22	2,376995E+22	2,270161E+22	2,270171E+22	2,377008E+22	2,493984E+22
358	2,529544E+22	2,474166E+22	2,402911E+22	2,402930E+22	2,474210E+22	2,529588E+22	2,494006E+22	2,377012E+22	2,270174E+22	2,270169E+22	2,376999E+22	2,493985E+22
359	2,529564E+22	2,474218E+22	2,402985E+22	2,402998E+22	2,474265E+22	2,529634E+22	2,494029E+22	2,377009E+22	2,270164E+22	2,270171E+22	2,377030E+22	2,494062E+22
360	2,529672E+22	2,474296E+22	2,403009E+22	2,402966E+22	2,474188E+22	2,529559E+22	2,493992E+22	2,377004E+22	2,270173E+22	2,270164E+22	2,376984E+22	2,493966E+22
361	2,529547E+22	2,474176E+22	2,402918E+22	2,402933E+22	2,474194E+22	2,529566E+22	2,493999E+22	2,377014E+22	2,270171E+22	2,270154E+22	2,376975E+22	2,493970E+22
362	2,529590E+22	2,474276E+22	2,403043E+22	2,403044E+22	2,474281E+22	2,529601E+22	2,493968E+22	2,376952E+22	2,270121E+22	2,270139E+22	2,376999E+22	2,494014E+22
363	2,529600E+22	2,474229E+22	2,402971E+22	2,402952E+22	2,474190E+22	2,529559E+22	2,493964E+22	2,376946E+22	2,270099E+22	2,270104E+22	2,376957E+22	2,493957E+22
364	2,529513E+22	2,474115E+22	2,402880E+22	2,402939E+22	2,474230E+22	2,529612E+22	2,494016E+22	2,376979E+22	2,270103E+22	2,270094E+22	2,376956E+22	2,493992E+22
365	2,529619E+22	2,474260E+22	2,402972E+22	2,402970E+22	2,474242E+22	2,529611E+22	2,494001E+22	2,376951E+22	2,270073E+22	2,270074E+22	2,376944E+22	2,493965E+22
366	2,529550E+22	2,474167E+22	2,402874E+22	2,402853E+22	2,474141E+22	2,529557E+22	2,493988E+22	2,376968E+22	2,270092E+22	2,270069E+22	2,376912E+22	2,493926E+22
367	2,529519E+22	2,474160E+22	2,402910E+22	2,402920E+22	2,474191E+22	2,529583E+22	2,493993E+22	2,376962E+22	2,270093E+22	2,270089E+22	2,376954E+22	2,493997E+22
368	2,529623E+22	2,474250E+22	2,402963E+22	2,402943E+22	2,474176E+22	2,529534E+22	2,493946E+22	2,376938E+22	2,270097E+22	2,270102E+22	2,376949E+22	2,493940E+22
369	2,529508E+22	2,474115E+22	2,402839E+22	2,402871E+22	2,474174E+22	2,529557E+22	2,493964E+22	2,376948E+22	2,270094E+22	2,270097E+22	2,376955E+22	2,493963E+22
370	2,529553E+22	2,474203E+22	2,402960E+22	2,402980E+22	2,474254E+22	2,529609E+22	2,493974E+22	2,376925E+22	2,270066E+22	2,270087E+22	2,376981E+22	2,494035E+22
371	2,529632E+22	2,474238E+22	2,402954E+22	2,402931E+22	2,474175E+22	2,529560E+22	2,493978E+22	2,376954E+22	2,270090E+22	2,270088E+22	2,376948E+22	2,493963E+22
372	2,529537E+22	2,474139E+22	2,402880E+22	2,402915E+22	2,474195E+22	2,529587E+22	2,494020E+22	2,377014E+22	2,270151E+22	2,270129E+22	2,376958E+22	2,493970E+22
373	2,529611E+22	2,474298E+22	2,403042E+22	2,403026E+22	2,474262E+22	2,529608E+22	2,494006E+22	2,376994E+22	2,270155E+22	2,270157E+22	2,376990E+22	2,493976E+22
374	2,529561E+22	2,474220E+22	2,402979E+22	2,402965E+22	2,474203E+22	2,529567E+22	2,493990E+22	2,377014E+22	2,270193E+22	2,270185E+22	2,376990E+22	2,493948E+22
375	2,529514E+22	2,474169E+22	2,402961E+22	2,403001E+22	2,474261E+22	2,529618E+22	2,494021E+22	2,377024E+22	2,270203E+22	2,270212E+22	2,377041E+22	2,494038E+22
376	2,529646E+22	2,474299E+22	2,403048E+22	2,403046E+22	2,474268E+22	2,529598E+22	2,494003E+22	2,377019E+22	2,270208E+22	2,270215E+22	2,377038E+22	2,494006E+22
377	2,529566E+22	2,474193E+22	2,402934E+22	2,402941E+22	2,474207E+22	2,529583E+22	2,494021E+22	2,377049E+22	2,270222E+22	2,270206E+22	2,377016E+22	2,493992E+22
378	2,529579E+22	2,474253E+22	2,403040E+22	2,403045E+22	2,474265E+22	2,529604E+22	2,494011E+22	2,377023E+22	2,270200E+22	2,270199E+22	2,377029E+22	2,494042E+22
379	2,529661E+22	2,474321E+22	2,403073E+22	2,403040E+22	2,474225E+22	2,529554E+22	2,493978E+22	2,377008E+22	2,270195E+22	2,270197E+22	2,377011E+22	2,493968E+22
380	2,529531E+22	2,474173E+22	2,402937E+22	2,402971E+22	2,474229E+22	2,529580E+22	2,493998E+22	2,377021E+22	2,270202E+22	2,270198E+22	2,377009E+22	2,493977E+22
381	2,529577E+22	2,474277E+22	2,403059E+22	2,403060E+22	2,474302E+22	2,529638E+22	2,494007E+22	2,376978E+22	2,270144E+22	2,270161E+22	2,377013E+22	2,494014E+22
382	2,529586E+22	2,474219E+22	2,402977E+22	2,402976E+22	2,474217E+22	2,529583E+22	2,494001E+22	2,376995E+22	2,270146E+22	2,270135E+22	2,376961E+22	2,493951E+22
383	2,529526E+22	2,474142E+22	2,402885E+22	2,402930E+22	2,474216E+22	2,529600E+22	2,494020E+22	2,377009E+22	2,270151E+22	2,270136E+22	2,376974E+22	2,493995E+22
384	2,529627E+22	2,474291E+22	2,403009E+22	2,402990E+22	2,474230E+22	2,529581E+22	2,493988E+22	2,376984E+22	2,270142E+22	2,270134E+22	2,376971E+22	2,493963E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
385	2,529538E+22	2,474175E+22	2,402903E+22	2,402884E+22	2,474145E+22	2,529537E+22	2,493981E+22	2,376994E+22	2,270147E+22	2,270132E+22	2,376958E+22	2,493940E+22
386	2,529509E+22	2,474160E+22	2,402948E+22	2,402974E+22	2,474217E+22	2,529568E+22	2,493967E+22	2,376956E+22	2,270119E+22	2,270129E+22	2,376988E+22	2,494016E+22
387	2,529628E+22	2,474263E+22	2,402999E+22	2,402995E+22	2,474218E+22	2,529554E+22	2,493950E+22	2,376935E+22	2,270101E+22	2,270125E+22	2,376987E+22	2,493976E+22
388	2,529533E+22	2,474135E+22	2,402849E+22	2,402881E+22	2,474183E+22	2,529569E+22	2,493986E+22	2,376978E+22	2,270128E+22	2,270126E+22	2,376971E+22	2,493973E+22
389	2,529574E+22	2,474249E+22	2,403004E+22	2,402996E+22	2,474255E+22	2,529624E+22	2,494010E+22	2,376974E+22	2,270116E+22	2,270115E+22	2,376974E+22	2,494010E+22
390	2,529620E+22	2,474264E+22	2,403012E+22	2,402989E+22	2,474202E+22	2,529560E+22	2,493993E+22	2,377006E+22	2,270166E+22	2,270146E+22	2,376952E+22	2,493931E+22
391	2,529521E+22	2,474164E+22	2,402922E+22	2,402958E+22	2,474213E+22	2,529573E+22	2,494008E+22	2,377038E+22	2,270215E+22	2,270202E+22	2,377002E+22	2,493974E+22
392	2,529592E+22	2,474303E+22	2,403083E+22	2,403080E+22	2,474297E+22	2,529608E+22	2,493998E+22	2,377020E+22	2,270220E+22	2,270229E+22	2,377044E+22	2,493997E+22
393	2,529552E+22	2,474209E+22	2,402986E+22	2,402986E+22	2,474225E+22	2,529585E+22	2,494015E+22	2,377049E+22	2,270244E+22	2,270243E+22	2,377041E+22	2,493982E+22
394	2,529528E+22	2,474177E+22	2,402984E+22	2,403031E+22	2,474270E+22	2,529612E+22	2,494026E+22	2,377049E+22	2,270241E+22	2,270245E+22	2,377062E+22	2,494056E+22
395	2,529670E+22	2,474339E+22	2,403094E+22	2,403081E+22	2,474282E+22	2,529597E+22	2,494005E+22	2,377037E+22	2,270237E+22	2,270248E+22	2,377062E+22	2,494019E+22
396	2,529582E+22	2,474226E+22	2,402969E+22	2,402958E+22	2,474201E+22	2,529568E+22	2,494018E+22	2,377074E+22	2,270272E+22	2,270256E+22	2,377039E+22	2,493988E+22
397	2,529577E+22	2,474283E+22	2,403094E+22	2,403086E+22	2,474284E+22	2,529607E+22	2,494014E+22	2,377041E+22	2,270237E+22	2,270236E+22	2,377045E+22	2,494030E+22
398	2,529635E+22	2,474313E+22	2,403104E+22	2,403100E+22	2,474279E+22	2,529573E+22	2,493981E+22	2,377024E+22	2,270232E+22	2,270236E+22	2,377025E+22	2,493965E+22
399	2,529530E+22	2,474179E+22	2,402941E+22	2,402981E+22	2,474246E+22	2,529593E+22	2,494006E+22	2,377032E+22	2,270224E+22	2,270227E+22	2,377034E+22	2,493995E+22
400	2,529586E+22	2,474288E+22	2,403075E+22	2,403070E+22	2,474304E+22	2,529635E+22	2,494021E+22	2,377018E+22	2,270192E+22	2,270190E+22	2,377022E+22	2,494014E+22
401	2,529587E+22	2,474230E+22	2,402989E+22	2,402975E+22	2,474206E+22	2,529577E+22	2,494021E+22	2,377043E+22	2,270206E+22	2,270178E+22	2,376975E+22	2,493946E+22
402	2,529522E+22	2,474160E+22	2,402930E+22	2,402962E+22	2,474208E+22	2,529564E+22	2,494000E+22	2,377027E+22	2,270198E+22	2,270179E+22	2,376988E+22	2,493986E+22
403	2,529618E+22	2,474308E+22	2,403058E+22	2,403045E+22	2,474258E+22	2,529570E+22	2,493966E+22	2,376982E+22	2,270168E+22	2,270182E+22	2,377017E+22	2,493982E+22
404	2,529534E+22	2,474177E+22	2,402921E+22	2,402911E+22	2,474170E+22	2,529544E+22	2,493976E+22	2,377000E+22	2,270179E+22	2,270180E+22	2,377001E+22	2,493967E+22
405	2,529520E+22	2,474178E+22	2,402978E+22	2,402998E+22	2,474240E+22	2,529594E+22	2,493991E+22	2,376977E+22	2,270141E+22	2,270150E+22	2,377002E+22	2,494026E+22
406	2,529633E+22	2,474274E+22	2,403030E+22	2,403038E+22	2,474255E+22	2,529577E+22	2,493979E+22	2,376981E+22	2,270151E+22	2,270155E+22	2,376984E+22	2,493968E+22
407	2,529553E+22	2,474178E+22	2,402884E+22	2,402896E+22	2,474186E+22	2,529566E+22	2,493996E+22	2,377015E+22	2,270186E+22	2,270176E+22	2,376988E+22	2,493967E+22
408	2,529570E+22	2,474279E+22	2,403060E+22	2,403037E+22	2,474262E+22	2,529605E+22	2,494012E+22	2,377024E+22	2,270199E+22	2,270183E+22	2,377001E+22	2,493996E+22
409	2,529593E+22	2,474263E+22	2,403046E+22	2,403034E+22	2,474230E+22	2,529561E+22	2,493999E+22	2,377049E+22	2,270242E+22	2,270227E+22	2,377006E+22	2,493944E+22
410	2,529504E+22	2,474156E+22	2,402954E+22	2,403005E+22	2,474241E+22	2,529568E+22	2,493991E+22	2,377044E+22	2,270256E+22	2,270257E+22	2,377049E+22	2,494003E+22
411	2,529600E+22	2,474305E+22	2,403102E+22	2,403113E+22	2,474329E+22	2,529626E+22	2,494006E+22	2,377026E+22	2,270237E+22	2,270268E+22	2,377094E+22	2,494042E+22
412	2,529584E+22	2,474230E+22	2,402997E+22	2,402988E+22	2,474221E+22	2,529583E+22	2,494028E+22	2,377081E+22	2,270285E+22	2,270279E+22	2,377065E+22	2,494004E+22
413	2,529561E+22	2,474228E+22	2,403033E+22	2,403044E+22	2,474261E+22	2,529605E+22	2,494034E+22	2,377080E+22	2,270283E+22	2,270271E+22	2,377059E+22	2,494039E+22
414	2,529667E+22	2,474370E+22	2,403156E+22	2,403141E+22	2,474309E+22	2,529591E+22	2,494004E+22	2,377067E+22	2,270292E+22	2,270291E+22	2,377060E+22	2,493992E+22
415	2,529577E+22	2,474256E+22	2,403016E+22	2,403002E+22	2,474226E+22	2,529561E+22	2,494000E+22	2,377079E+22	2,270309E+22	2,270303E+22	2,377065E+22	2,493984E+22
416	2,529558E+22	2,474286E+22	2,403130E+22	2,403134E+22	2,474321E+22	2,529618E+22	2,494017E+22	2,377065E+22	2,270281E+22	2,270275E+22	2,377066E+22	2,494031E+22
417	2,529619E+22	2,474297E+22	2,403106E+22	2,403120E+22	2,474308E+22	2,529604E+22	2,494017E+22	2,377066E+22	2,270277E+22	2,270273E+22	2,377049E+22	2,493977E+22
418	2,529529E+22	2,474176E+22	2,402957E+22	2,402996E+22	2,474248E+22	2,529589E+22	2,494016E+22	2,377065E+22	2,270265E+22	2,270256E+22	2,377043E+22	2,493999E+22
419	2,529595E+22	2,474305E+22	2,403102E+22	2,403087E+22	2,474308E+22	2,529633E+22	2,494027E+22	2,377041E+22	2,270230E+22	2,270235E+22	2,377053E+22	2,494023E+22
420	2,529592E+22	2,474247E+22	2,403015E+22	2,402982E+22	2,474188E+22	2,529552E+22	2,494014E+22	2,377072E+22	2,270264E+22	2,270243E+22	2,377016E+22	2,493955E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
421	2,529521E+22	2,474179E+22	2,402973E+22	2,402994E+22	2,474219E+22	2,529555E+22	2,493983E+22	2,377035E+22	2,270236E+22	2,270227E+22	2,377021E+22	2,493994E+22
422	2,529609E+22	2,474307E+22	2,403090E+22	2,403096E+22	2,474305E+22	2,529585E+22	2,493960E+22	2,376988E+22	2,270199E+22	2,270221E+22	2,377038E+22	2,493997E+22
423	2,529559E+22	2,474199E+22	2,402938E+22	2,402924E+22	2,474186E+22	2,529554E+22	2,493978E+22	2,377005E+22	2,270197E+22	2,270206E+22	2,377024E+22	2,493988E+22
424	2,529545E+22	2,474211E+22	2,403018E+22	2,403027E+22	2,474252E+22	2,529593E+22	2,494006E+22	2,377020E+22	2,270189E+22	2,270173E+22	2,376999E+22	2,494017E+22
425	2,529636E+22	2,474298E+22	2,403066E+22	2,403063E+22	2,474266E+22	2,529581E+22	2,493999E+22	2,377032E+22	2,270216E+22	2,270202E+22	2,376993E+22	2,493950E+22
426	2,529534E+22	2,474190E+22	2,402944E+22	2,402950E+22	2,474198E+22	2,529548E+22	2,493986E+22	2,377043E+22	2,270246E+22	2,270232E+22	2,377010E+22	2,493954E+22
427	2,529549E+22	2,474278E+22	2,403104E+22	2,403098E+22	2,474307E+22	2,529616E+22	2,494006E+22	2,377033E+22	2,270239E+22	2,270250E+22	2,377057E+22	2,494012E+22
428	2,529580E+22	2,474253E+22	2,403054E+22	2,403050E+22	2,474250E+22	2,529577E+22	2,494011E+22	2,377075E+22	2,270294E+22	2,270292E+22	2,377061E+22	2,493978E+22
429	2,529519E+22	2,474169E+22	2,402975E+22	2,403017E+22	2,474255E+22	2,529589E+22	2,494014E+22	2,377076E+22	2,270296E+22	2,270293E+22	2,377073E+22	2,494023E+22
430	2,529622E+22	2,474326E+22	2,403132E+22	2,403143E+22	2,474348E+22	2,529633E+22	2,494022E+22	2,377069E+22	2,270294E+22	2,270305E+22	2,377095E+22	2,494044E+22
431	2,529621E+22	2,474284E+22	2,403041E+22	2,403002E+22	2,474211E+22	2,529564E+22	2,494021E+22	2,377105E+22	2,270336E+22	2,270327E+22	2,377084E+22	2,494003E+22
432	2,529569E+22	2,474270E+22	2,403104E+22	2,403099E+22	2,474268E+22	2,529576E+22	2,494021E+22	2,377114E+22	2,270344E+22	2,270322E+22	2,377077E+22	2,494022E+22
433	2,529643E+22	2,474371E+22	2,403196E+22	2,403194E+22	2,474348E+22	2,529599E+22	2,494004E+22	2,377092E+22	2,270345E+22	2,270349E+22	2,377096E+22	2,493993E+22
434	2,529551E+22	2,474244E+22	2,403051E+22	2,403052E+22	2,474261E+22	2,529574E+22	2,493995E+22	2,377081E+22	2,270334E+22	2,270340E+22	2,377093E+22	2,493997E+22
435	2,529558E+22	2,474278E+22	2,403141E+22	2,403159E+22	2,474352E+22	2,529647E+22	2,494038E+22	2,377077E+22	2,270297E+22	2,270306E+22	2,377097E+22	2,494048E+22
436	2,529631E+22	2,474304E+22	2,403107E+22	2,403109E+22	2,474296E+22	2,529606E+22	2,494040E+22	2,377111E+22	2,270328E+22	2,270312E+22	2,377067E+22	2,493985E+22
437	2,529546E+22	2,474208E+22	2,402990E+22	2,403000E+22	2,474234E+22	2,529578E+22	2,494019E+22	2,377097E+22	2,270315E+22	2,270293E+22	2,377049E+22	2,493985E+22
438	2,529587E+22	2,474318E+22	2,403143E+22	2,403131E+22	2,474325E+22	2,529620E+22	2,494017E+22	2,377065E+22	2,270285E+22	2,270285E+22	2,377066E+22	2,494015E+22
439	2,529598E+22	2,474267E+22	2,403048E+22	2,403013E+22	2,474202E+22	2,529539E+22	2,493987E+22	2,377064E+22	2,270294E+22	2,270294E+22	2,377059E+22	2,493974E+22
440	2,529524E+22	2,474190E+22	2,403008E+22	2,403035E+22	2,474242E+22	2,529555E+22	2,493979E+22	2,377048E+22	2,270265E+22	2,270259E+22	2,377045E+22	2,494006E+22
441	2,529611E+22	2,474307E+22	2,403105E+22	2,403122E+22	2,474334E+22	2,529612E+22	2,493988E+22	2,377022E+22	2,270236E+22	2,270252E+22	2,377055E+22	2,494005E+22
442	2,529566E+22	2,474217E+22	2,402978E+22	2,402955E+22	2,474196E+22	2,529554E+22	2,493983E+22	2,377030E+22	2,270234E+22	2,270229E+22	2,377023E+22	2,493978E+22
443	2,529550E+22	2,474233E+22	2,403057E+22	2,403059E+22	2,474269E+22	2,529602E+22	2,494018E+22	2,377046E+22	2,270234E+22	2,270222E+22	2,377022E+22	2,494003E+22
444	2,529624E+22	2,474309E+22	2,403099E+22	2,403090E+22	2,474269E+22	2,529574E+22	2,494007E+22	2,377075E+22	2,270288E+22	2,270274E+22	2,377034E+22	2,493954E+22
445	2,529522E+22	2,474196E+22	2,402980E+22	2,402987E+22	2,474221E+22	2,529552E+22	2,493981E+22	2,377065E+22	2,270300E+22	2,270294E+22	2,377052E+22	2,493966E+22
446	2,529540E+22	2,474268E+22	2,403122E+22	2,403137E+22	2,474345E+22	2,529639E+22	2,494018E+22	2,377057E+22	2,270288E+22	2,270302E+22	2,377090E+22	2,494038E+22
447	2,529615E+22	2,474278E+22	2,403070E+22	2,403055E+22	2,474247E+22	2,529574E+22	2,494014E+22	2,377092E+22	2,270330E+22	2,270336E+22	2,377097E+22	2,494007E+22
448	2,529555E+22	2,474215E+22	2,403023E+22	2,403043E+22	2,474247E+22	2,529565E+22	2,494016E+22	2,377118E+22	2,270351E+22	2,270328E+22	2,377079E+22	2,494018E+22
449	2,529633E+22	2,474363E+22	2,403184E+22	2,403180E+22	2,474356E+22	2,529625E+22	2,494026E+22	2,377108E+22	2,270358E+22	2,270357E+22	2,377108E+22	2,494026E+22
450	2,529605E+22	2,474308E+22	2,403117E+22	2,403074E+22	2,474233E+22	2,529545E+22	2,493998E+22	2,377113E+22	2,270378E+22	2,270374E+22	2,377102E+22	2,493988E+22
451	2,529550E+22	2,474274E+22	2,403151E+22	2,403169E+22	2,474326E+22	2,529602E+22	2,494019E+22	2,377112E+22	2,270370E+22	2,270374E+22	2,377119E+22	2,494026E+22
452	2,529625E+22	2,474359E+22	2,403206E+22	2,403218E+22	2,474376E+22	2,529632E+22	2,494031E+22	2,377122E+22	2,270387E+22	2,270397E+22	2,377136E+22	2,494014E+22
453	2,529555E+22	2,474244E+22	2,403060E+22	2,403065E+22	2,474279E+22	2,529603E+22	2,494027E+22	2,377120E+22	2,270375E+22	2,270371E+22	2,377109E+22	2,494004E+22
454	2,529566E+22	2,474283E+22	2,403150E+22	2,403174E+22	2,474366E+22	2,529662E+22	2,494065E+22	2,377125E+22	2,270356E+22	2,270346E+22	2,377100E+22	2,494045E+22
455	2,529655E+22	2,474337E+22	2,403128E+22	2,403105E+22	2,474271E+22	2,529582E+22	2,494033E+22	2,377135E+22	2,270383E+22	2,270371E+22	2,377101E+22	2,493991E+22
456	2,529553E+22	2,474239E+22	2,403042E+22	2,403040E+22	2,474226E+22	2,529538E+22	2,493999E+22	2,377123E+22	2,270369E+22	2,270345E+22	2,377079E+22	2,493986E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
457	2,529578E+22	2,474321E+22	2,403169E+22	2,403171E+22	2,474347E+22	2,529615E+22	2,494000E+22	2,377071E+22	2,270322E+22	2,270336E+22	2,377106E+22	2,494029E+22
458	2,529589E+22	2,474267E+22	2,403081E+22	2,403055E+22	2,474225E+22	2,529542E+22	2,493972E+22	2,377050E+22	2,270298E+22	2,270313E+22	2,377081E+22	2,493994E+22
459	2,529542E+22	2,474204E+22	2,403033E+22	2,403067E+22	2,474272E+22	2,529580E+22	2,493994E+22	2,377047E+22	2,270267E+22	2,270274E+22	2,377059E+22	2,494008E+22
460	2,529623E+22	2,474329E+22	2,403124E+22	2,403125E+22	2,474327E+22	2,529618E+22	2,494013E+22	2,377064E+22	2,270284E+22	2,270282E+22	2,377058E+22	2,493994E+22
461	2,529570E+22	2,474249E+22	2,403023E+22	2,402985E+22	2,474203E+22	2,529558E+22	2,493994E+22	2,377068E+22	2,270291E+22	2,270272E+22	2,377025E+22	2,493950E+22
462	2,529529E+22	2,474237E+22	2,403096E+22	2,403115E+22	2,474301E+22	2,529608E+22	2,494024E+22	2,377084E+22	2,270302E+22	2,270284E+22	2,377040E+22	2,493989E+22
463	2,529615E+22	2,474313E+22	2,403122E+22	2,403120E+22	2,474287E+22	2,529574E+22	2,494000E+22	2,377090E+22	2,270340E+22	2,270344E+22	2,377090E+22	2,493978E+22
464	2,529524E+22	2,474204E+22	2,403011E+22	2,403025E+22	2,474234E+22	2,529549E+22	2,493991E+22	2,377100E+22	2,270349E+22	2,270344E+22	2,377090E+22	2,493988E+22
465	2,529552E+22	2,474275E+22	2,403135E+22	2,403157E+22	2,474357E+22	2,529649E+22	2,494039E+22	2,377099E+22	2,270344E+22	2,270354E+22	2,377123E+22	2,494054E+22
466	2,529629E+22	2,474311E+22	2,403120E+22	2,403089E+22	2,474248E+22	2,529562E+22	2,494008E+22	2,377112E+22	2,270373E+22	2,270377E+22	2,377115E+22	2,494011E+22
467	2,529572E+22	2,474257E+22	2,403082E+22	2,403092E+22	2,474266E+22	2,529566E+22	2,494013E+22	2,377127E+22	2,270391E+22	2,270385E+22	2,377110E+22	2,494009E+22
468	2,529623E+22	2,474384E+22	2,403232E+22	2,403225E+22	2,474372E+22	2,529621E+22	2,494028E+22	2,377139E+22	2,270419E+22	2,270423E+22	2,377148E+22	2,494031E+22
469	2,529595E+22	2,474315E+22	2,403154E+22	2,403129E+22	2,474281E+22	2,529568E+22	2,493997E+22	2,377126E+22	2,270418E+22	2,270420E+22	2,377132E+22	2,493995E+22
470	2,529540E+22	2,474261E+22	2,403159E+22	2,403209E+22	2,474375E+22	2,529643E+22	2,494049E+22	2,377141E+22	2,270410E+22	2,270409E+22	2,377136E+22	2,494040E+22
471	2,529647E+22	2,474374E+22	2,403210E+22	2,403216E+22	2,474372E+22	2,529638E+22	2,494052E+22	2,377153E+22	2,270425E+22	2,270434E+22	2,377162E+22	2,494033E+22
472	2,529580E+22	2,474278E+22	2,403093E+22	2,403077E+22	2,474254E+22	2,529574E+22	2,494038E+22	2,377171E+22	2,270431E+22	2,270405E+22	2,377114E+22	2,493995E+22
473	2,529566E+22	2,474305E+22	2,403180E+22	2,403193E+22	2,474356E+22	2,529643E+22	2,494065E+22	2,377161E+22	2,270419E+22	2,270403E+22	2,377124E+22	2,494033E+22
474	2,529636E+22	2,474355E+22	2,403184E+22	2,403155E+22	2,474277E+22	2,529549E+22	2,493995E+22	2,377126E+22	2,270410E+22	2,270414E+22	2,377129E+22	2,493991E+22
475	2,529545E+22	2,474246E+22	2,403074E+22	2,403089E+22	2,474265E+22	2,529549E+22	2,493981E+22	2,377098E+22	2,270375E+22	2,270384E+22	2,377117E+22	2,493997E+22
476	2,529574E+22	2,474320E+22	2,403181E+22	2,403190E+22	2,474364E+22	2,529635E+22	2,494018E+22	2,377088E+22	2,270347E+22	2,270364E+22	2,377132E+22	2,494050E+22
477	2,529604E+22	2,474283E+22	2,403099E+22	2,403081E+22	2,474249E+22	2,529563E+22	2,493992E+22	2,377077E+22	2,270324E+22	2,270325E+22	2,377076E+22	2,493987E+22
478	2,529549E+22	2,474222E+22	2,403056E+22	2,403096E+22	2,474294E+22	2,529602E+22	2,494025E+22	2,377096E+22	2,270322E+22	2,270303E+22	2,377049E+22	2,493988E+22
479	2,529627E+22	2,474358E+22	2,403159E+22	2,403142E+22	2,474315E+22	2,529604E+22	2,494020E+22	2,377100E+22	2,270345E+22	2,270344E+22	2,377088E+22	2,493986E+22
480	2,529556E+22	2,474266E+22	2,403072E+22	2,403036E+22	2,474207E+22	2,529530E+22	2,493991E+22	2,377111E+22	2,270360E+22	2,270340E+22	2,377063E+22	2,493948E+22
481	2,529506E+22	2,474226E+22	2,403108E+22	2,403151E+22	2,474331E+22	2,529618E+22	2,494025E+22	2,377108E+22	2,270362E+22	2,270359E+22	2,377098E+22	2,494011E+22
482	2,529605E+22	2,474313E+22	2,403146E+22	2,403150E+22	2,474301E+22	2,529574E+22	2,493993E+22	2,377091E+22	2,270365E+22	2,270387E+22	2,377133E+22	2,494012E+22
483	2,529554E+22	2,474231E+22	2,403039E+22	2,403054E+22	2,474252E+22	2,529559E+22	2,493998E+22	2,377106E+22	2,270373E+22	2,270382E+22	2,377120E+22	2,494005E+22
484	2,529578E+22	2,474317E+22	2,403173E+22	2,403174E+22	2,474346E+22	2,529637E+22	2,494050E+22	2,377140E+22	2,270400E+22	2,270399E+22	2,377142E+22	2,494058E+22
485	2,529642E+22	2,474353E+22	2,403181E+22	2,403144E+22	2,474272E+22	2,529558E+22	2,494004E+22	2,377136E+22	2,270423E+22	2,270420E+22	2,377125E+22	2,493992E+22
486	2,529559E+22	2,474276E+22	2,403137E+22	2,403166E+22	2,474318E+22	2,529586E+22	2,494022E+22	2,377155E+22	2,270443E+22	2,270432E+22	2,377126E+22	2,494000E+22
487	2,529614E+22	2,474391E+22	2,403259E+22	2,403261E+22	2,474400E+22	2,529639E+22	2,494038E+22	2,377158E+22	2,270461E+22	2,270478E+22	2,377192E+22	2,494048E+22
488	2,529594E+22	2,474322E+22	2,403181E+22	2,403167E+22	2,474300E+22	2,529581E+22	2,494032E+22	2,377178E+22	2,270467E+22	2,270459E+22	2,377154E+22	2,494004E+22
489	2,529544E+22	2,474263E+22	2,403159E+22	2,403218E+22	2,474385E+22	2,529656E+22	2,494079E+22	2,377195E+22	2,270473E+22	2,270458E+22	2,377159E+22	2,494040E+22
490	2,529642E+22	2,474394E+22	2,403241E+22	2,403228E+22	2,474358E+22	2,529616E+22	2,494047E+22	2,377177E+22	2,270471E+22	2,270476E+22	2,377182E+22	2,494036E+22
491	2,529588E+22	2,474309E+22	2,403138E+22	2,403111E+22	2,474256E+22	2,529555E+22	2,494022E+22	2,377173E+22	2,270468E+22	2,270463E+22	2,377151E+22	2,493993E+22
492	2,529555E+22	2,474317E+22	2,403213E+22	2,403221E+22	2,474351E+22	2,529616E+22	2,494047E+22	2,377175E+22	2,270464E+22	2,270460E+22	2,377169E+22	2,494050E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
493	2,529632E+22	2,474361E+22	2,403208E+22	2,403199E+22	2,474317E+22	2,529560E+22	2,493980E+22	2,377116E+22	2,270425E+22	2,270442E+22	2,377154E+22	2,494006E+22
494	2,529550E+22	2,474252E+22	2,403089E+22	2,403124E+22	2,474307E+22	2,529583E+22	2,494002E+22	2,377111E+22	2,270388E+22	2,270392E+22	2,377117E+22	2,494007E+22
495	2,529598E+22	2,474344E+22	2,403194E+22	2,403194E+22	2,474361E+22	2,529637E+22	2,494036E+22	2,377115E+22	2,270374E+22	2,270383E+22	2,377137E+22	2,494051E+22
496	2,529619E+22	2,474320E+22	2,403144E+22	2,403113E+22	2,474243E+22	2,529546E+22	2,494012E+22	2,377131E+22	2,270378E+22	2,270353E+22	2,377069E+22	2,493960E+22
497	2,529531E+22	2,474234E+22	2,403086E+22	2,403130E+22	2,474306E+22	2,529596E+22	2,494035E+22	2,377142E+22	2,270395E+22	2,270369E+22	2,377075E+22	2,493964E+22
498	2,529583E+22	2,474357E+22	2,403203E+22	2,403192E+22	2,474335E+22	2,529591E+22	2,494001E+22	2,377108E+22	2,270389E+22	2,270403E+22	2,377133E+22	2,493997E+22
499	2,529544E+22	2,474264E+22	2,403096E+22	2,403080E+22	2,474245E+22	2,529547E+22	2,493987E+22	2,377106E+22	2,270391E+22	2,270404E+22	2,377122E+22	2,493975E+22
500	2,529508E+22	2,474228E+22	2,403116E+22	2,403160E+22	2,474335E+22	2,529626E+22	2,494047E+22	2,377143E+22	2,270410E+22	2,270411E+22	2,377146E+22	2,494051E+22
501	2,529635E+22	2,474340E+22	2,403167E+22	2,403173E+22	2,474321E+22	2,529582E+22	2,494003E+22	2,377120E+22	2,270406E+22	2,270419E+22	2,377148E+22	2,494024E+22
502	2,529579E+22	2,474272E+22	2,403080E+22	2,403089E+22	2,474273E+22	2,529571E+22	2,494018E+22	2,377147E+22	2,270427E+22	2,270416E+22	2,377122E+22	2,494002E+22
503	2,529596E+22	2,474363E+22	2,403230E+22	2,403212E+22	2,474345E+22	2,529618E+22	2,494048E+22	2,377169E+22	2,270457E+22	2,270458E+22	2,377174E+22	2,494059E+22
504	2,529639E+22	2,474381E+22	2,403245E+22	2,403215E+22	2,474294E+22	2,529540E+22	2,494004E+22	2,377173E+22	2,270479E+22	2,270472E+22	2,377151E+22	2,493986E+22
505	2,529537E+22	2,474270E+22	2,403156E+22	2,403210E+22	2,474363E+22	2,529613E+22	2,494039E+22	2,377185E+22	2,270499E+22	2,270494E+22	2,377169E+22	2,494006E+22
506	2,529592E+22	2,474389E+22	2,403285E+22	2,403289E+22	2,474417E+22	2,529648E+22	2,494047E+22	2,377172E+22	2,270488E+22	2,270511E+22	2,377218E+22	2,494066E+22
507	2,529610E+22	2,474342E+22	2,403201E+22	2,403183E+22	2,474308E+22	2,529584E+22	2,494042E+22	2,377198E+22	2,270506E+22	2,270503E+22	2,377176E+22	2,494006E+22
508	2,529552E+22	2,474290E+22	2,403184E+22	2,403218E+22	2,474362E+22	2,529633E+22	2,494087E+22	2,377240E+22	2,270538E+22	2,270512E+22	2,377183E+22	2,494044E+22
509	2,529645E+22	2,474418E+22	2,403281E+22	2,403269E+22	2,474373E+22	2,529595E+22	2,494024E+22	2,377188E+22	2,270515E+22	2,270520E+22	2,377200E+22	2,494029E+22
510	2,529577E+22	2,474321E+22	2,403178E+22	2,403167E+22	2,474298E+22	2,529563E+22	2,494014E+22	2,377180E+22	2,270499E+22	2,270495E+22	2,377171E+22	2,494003E+22
511	2,529557E+22	2,474326E+22	2,403238E+22	2,403249E+22	2,474370E+22	2,529619E+22	2,494042E+22	2,377174E+22	2,270482E+22	2,270493E+22	2,377204E+22	2,494076E+22
512	2,529643E+22	2,474373E+22	2,403237E+22	2,403235E+22	2,474332E+22	2,529567E+22	2,494006E+22	2,377151E+22	2,270450E+22	2,270456E+22	2,377157E+22	2,494007E+22
513	2,529553E+22	2,474262E+22	2,403099E+22	2,403140E+22	2,474328E+22	2,529605E+22	2,494034E+22	2,377159E+22	2,270441E+22	2,270427E+22	2,377124E+22	2,493990E+22
514	2,529579E+22	2,474364E+22	2,403232E+22	2,403212E+22	2,474359E+22	2,529629E+22	2,494040E+22	2,377143E+22	2,270420E+22	2,270421E+22	2,377147E+22	2,494038E+22
515	2,529610E+22	2,474340E+22	2,403187E+22	2,403152E+22	2,474259E+22	2,529538E+22	2,494006E+22	2,377149E+22	2,270433E+22	2,270421E+22	2,377106E+22	2,493954E+22
516	2,529509E+22	2,474232E+22	2,403106E+22	2,403153E+22	2,474313E+22	2,529583E+22	2,494031E+22	2,377172E+22	2,270458E+22	2,270442E+22	2,377133E+22	2,493994E+22
517	2,529579E+22	2,474346E+22	2,403209E+22	2,403225E+22	2,474374E+22	2,529603E+22	2,493995E+22	2,377113E+22	2,270420E+22	2,270448E+22	2,377174E+22	2,494030E+22
518	2,529564E+22	2,474277E+22	2,403112E+22	2,403105E+22	2,474273E+22	2,529571E+22	2,494010E+22	2,377131E+22	2,270417E+22	2,270424E+22	2,377141E+22	2,494006E+22
519	2,529548E+22	2,474269E+22	2,403146E+22	2,403163E+22	2,474316E+22	2,529605E+22	2,494051E+22	2,377172E+22	2,270451E+22	2,270445E+22	2,377164E+22	2,494066E+22
520	2,529664E+22	2,474397E+22	2,403235E+22	2,403217E+22	2,474315E+22	2,529558E+22	2,494012E+22	2,377166E+22	2,270463E+22	2,270456E+22	2,377146E+22	2,494002E+22
521	2,529571E+22	2,474304E+22	2,403140E+22	2,403147E+22	2,474302E+22	2,529568E+22	2,494018E+22	2,377182E+22	2,270494E+22	2,270478E+22	2,377143E+22	2,493973E+22
522	2,529554E+22	2,474370E+22	2,403286E+22	2,403273E+22	2,474382E+22	2,529618E+22	2,494034E+22	2,377177E+22	2,270496E+22	2,270508E+22	2,377205E+22	2,494060E+22
523	2,529623E+22	2,474382E+22	2,403277E+22	2,403268E+22	2,474348E+22	2,529572E+22	2,494014E+22	2,377183E+22	2,270517E+22	2,270530E+22	2,377192E+22	2,493998E+22
524	2,529528E+22	2,474265E+22	2,403163E+22	2,403219E+22	2,474372E+22	2,529628E+22	2,494072E+22	2,377237E+22	2,270558E+22	2,270548E+22	2,377208E+22	2,494032E+22
525	2,529604E+22	2,474394E+22	2,403293E+22	2,403306E+22	2,474436E+22	2,529656E+22	2,494061E+22	2,377210E+22	2,270541E+22	2,270551E+22	2,377234E+22	2,494072E+22
526	2,529623E+22	2,474372E+22	2,403236E+22	2,403206E+22	2,474316E+22	2,529586E+22	2,494055E+22	2,377236E+22	2,270562E+22	2,270545E+22	2,377192E+22	2,494012E+22
527	2,529562E+22	2,474320E+22	2,403227E+22	2,403240E+22	2,474345E+22	2,529595E+22	2,494065E+22	2,377258E+22	2,270590E+22	2,270574E+22	2,377226E+22	2,494059E+22
528	2,529649E+22	2,474438E+22	2,403330E+22	2,403320E+22	2,474388E+22	2,529576E+22	2,494011E+22	2,377202E+22	2,270551E+22	2,270562E+22	2,377227E+22	2,494038E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
529	2,529572E+22	2,474320E+22	2,403195E+22	2,403201E+22	2,474338E+22	2,529586E+22	2,494021E+22	2,377189E+22	2,270526E+22	2,270531E+22	2,377197E+22	2,494010E+22
530	2,529550E+22	2,474336E+22	2,403264E+22	2,403270E+22	2,474384E+22	2,529628E+22	2,494048E+22	2,377180E+22	2,270488E+22	2,270499E+22	2,377209E+22	2,494086E+22
531	2,529663E+22	2,474401E+22	2,403267E+22	2,403258E+22	2,474349E+22	2,529575E+22	2,494015E+22	2,377171E+22	2,270483E+22	2,270483E+22	2,377156E+22	2,493990E+22
532	2,529548E+22	2,474283E+22	2,403131E+22	2,403149E+22	2,474317E+22	2,529594E+22	2,494050E+22	2,377208E+22	2,270507E+22	2,270480E+22	2,377142E+22	2,493980E+22
533	2,529563E+22	2,474364E+22	2,403262E+22	2,403256E+22	2,474388E+22	2,529622E+22	2,494030E+22	2,377164E+22	2,270471E+22	2,270472E+22	2,377168E+22	2,494028E+22
534	2,529590E+22	2,474338E+22	2,403212E+22	2,403192E+22	2,474299E+22	2,529558E+22	2,494013E+22	2,377170E+22	2,270476E+22	2,270466E+22	2,377141E+22	2,493977E+22
535	2,529513E+22	2,474234E+22	2,403122E+22	2,403165E+22	2,474318E+22	2,529581E+22	2,494033E+22	2,377190E+22	2,270497E+22	2,270493E+22	2,377182E+22	2,494036E+22
536	2,529609E+22	2,474368E+22	2,403238E+22	2,403246E+22	2,474371E+22	2,529595E+22	2,494015E+22	2,377153E+22	2,270460E+22	2,270476E+22	2,377187E+22	2,494043E+22
537	2,529584E+22	2,474304E+22	2,403140E+22	2,403126E+22	2,474286E+22	2,529576E+22	2,494025E+22	2,377172E+22	2,270476E+22	2,270470E+22	2,377153E+22	2,493994E+22
538	2,529545E+22	2,474312E+22	2,403213E+22	2,403201E+22	2,474317E+22	2,529585E+22	2,494037E+22	2,377187E+22	2,270492E+22	2,270486E+22	2,377178E+22	2,494056E+22
539	2,529660E+22	2,474428E+22	2,403301E+22	2,403281E+22	2,474348E+22	2,529550E+22	2,493993E+22	2,377176E+22	2,270516E+22	2,270523E+22	2,377177E+22	2,493990E+22
540	2,529545E+22	2,474304E+22	2,403177E+22	2,403192E+22	2,474335E+22	2,529577E+22	2,494022E+22	2,377213E+22	2,270558E+22	2,270550E+22	2,377195E+22	2,493993E+22
541	2,529542E+22	2,474351E+22	2,403294E+22	2,403317E+22	2,474438E+22	2,529648E+22	2,494044E+22	2,377193E+22	2,270533E+22	2,270551E+22	2,377235E+22	2,494077E+22
542	2,529632E+22	2,474389E+22	2,403291E+22	2,403290E+22	2,474378E+22	2,529606E+22	2,494053E+22	2,377227E+22	2,270559E+22	2,270555E+22	2,377209E+22	2,494023E+22
543	2,529556E+22	2,474294E+22	2,403188E+22	2,403216E+22	2,474349E+22	2,529608E+22	2,494081E+22	2,377280E+22	2,270617E+22	2,270596E+22	2,377234E+22	2,494049E+22
544	2,529626E+22	2,474433E+22	2,403345E+22	2,403334E+22	2,474418E+22	2,529627E+22	2,494066E+22	2,377253E+22	2,270600E+22	2,270598E+22	2,377246E+22	2,494060E+22
545	2,529618E+22	2,474391E+22	2,403282E+22	2,403253E+22	2,474338E+22	2,529578E+22	2,494046E+22	2,377257E+22	2,270619E+22	2,270608E+22	2,377225E+22	2,493999E+22
546	2,529538E+22	2,474333E+22	2,403276E+22	2,403287E+22	2,474371E+22	2,529587E+22	2,494038E+22	2,377244E+22	2,270608E+22	2,270611E+22	2,377258E+22	2,494074E+22
547	2,529652E+22	2,474448E+22	2,403362E+22	2,403362E+22	2,474430E+22	2,529599E+22	2,494010E+22	2,377201E+22	2,270573E+22	2,270597E+22	2,377249E+22	2,494046E+22
548	2,529575E+22	2,474326E+22	2,403210E+22	2,403212E+22	2,474349E+22	2,529602E+22	2,494049E+22	2,377231E+22	2,270571E+22	2,270563E+22	2,377213E+22	2,494020E+22
549	2,529560E+22	2,474339E+22	2,403273E+22	2,403292E+22	2,474410E+22	2,529641E+22	2,494063E+22	2,377214E+22	2,270531E+22	2,270524E+22	2,377201E+22	2,494069E+22
550	2,529663E+22	2,474425E+22	2,403305E+22	2,403285E+22	2,474364E+22	2,529587E+22	2,494038E+22	2,377214E+22	2,270535E+22	2,270518E+22	2,377166E+22	2,493986E+22
551	2,529541E+22	2,474294E+22	2,403166E+22	2,403167E+22	2,474301E+22	2,529561E+22	2,494036E+22	2,377235E+22	2,270567E+22	2,270547E+22	2,377189E+22	2,493996E+22
552	2,529557E+22	2,474362E+22	2,403290E+22	2,403290E+22	2,474399E+22	2,529615E+22	2,494029E+22	2,377183E+22	2,270516E+22	2,270526E+22	2,377206E+22	2,494044E+22
553	2,529590E+22	2,474333E+22	2,403222E+22	2,403213E+22	2,474325E+22	2,529576E+22	2,494019E+22	2,377183E+22	2,270513E+22	2,270515E+22	2,377178E+22	2,493991E+22
554	2,529521E+22	2,474255E+22	2,403150E+22	2,403176E+22	2,474313E+22	2,529568E+22	2,494023E+22	2,377194E+22	2,270514E+22	2,270512E+22	2,377196E+22	2,494053E+22
555	2,529642E+22	2,474413E+22	2,403286E+22	2,403277E+22	2,474381E+22	2,529586E+22	2,494004E+22	2,377169E+22	2,270504E+22	2,270514E+22	2,377191E+22	2,494030E+22
556	2,529587E+22	2,474338E+22	2,403197E+22	2,403162E+22	2,474289E+22	2,529561E+22	2,494025E+22	2,377209E+22	2,270540E+22	2,270526E+22	2,377173E+22	2,493984E+22
557	2,529530E+22	2,474316E+22	2,403258E+22	2,403272E+22	2,474370E+22	2,529592E+22	2,494028E+22	2,377201E+22	2,270537E+22	2,270533E+22	2,377196E+22	2,494042E+22
558	2,529640E+22	2,474431E+22	2,403340E+22	2,403340E+22	2,474410E+22	2,529594E+22	2,494016E+22	2,377201E+22	2,270555E+22	2,270562E+22	2,377210E+22	2,494007E+22
559	2,529540E+22	2,474300E+22	2,403196E+22	2,403212E+22	2,474348E+22	2,529592E+22	2,494047E+22	2,377251E+22	2,270610E+22	2,270607E+22	2,377241E+22	2,494026E+22
560	2,529562E+22	2,474359E+22	2,403312E+22	2,403334E+22	2,474441E+22	2,529660E+22	2,494083E+22	2,377250E+22	2,270593E+22	2,270595E+22	2,377252E+22	2,494083E+22
561	2,529646E+22	2,474410E+22	2,403312E+22	2,403301E+22	2,474383E+22	2,529613E+22	2,494074E+22	2,377280E+22	2,270636E+22	2,270621E+22	2,377234E+22	2,494012E+22
562	2,529556E+22	2,474333E+22	2,403243E+22	2,403241E+22	2,474333E+22	2,529573E+22	2,494061E+22	2,377297E+22	2,270667E+22	2,270651E+22	2,377265E+22	2,494056E+22
563	2,529635E+22	2,474465E+22	2,403404E+22	2,403388E+22	2,474435E+22	2,529602E+22	2,494032E+22	2,377255E+22	2,270651E+22	2,270664E+22	2,377283E+22	2,494063E+22
564	2,529607E+22	2,474395E+22	2,403316E+22	2,403294E+22	2,474364E+22	2,529580E+22	2,494037E+22	2,377267E+22	2,270659E+22	2,270663E+22	2,377271E+22	2,494026E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
565	2,529544E+22	2,474326E+22	2,403289E+22	2,403330E+22	2,474419E+22	2,529613E+22	2,494041E+22	2,377242E+22	2,270617E+22	2,270626E+22	2,377268E+22	2,494083E+22
566	2,529669E+22	2,474470E+22	2,403383E+22	2,403382E+22	2,474455E+22	2,529633E+22	2,494045E+22	2,377232E+22	2,270592E+22	2,270599E+22	2,377246E+22	2,494050E+22
567	2,529590E+22	2,474354E+22	2,403242E+22	2,403219E+22	2,474332E+22	2,529589E+22	2,494061E+22	2,377273E+22	2,270625E+22	2,270601E+22	2,377221E+22	2,494014E+22
568	2,529564E+22	2,474361E+22	2,403315E+22	2,403321E+22	2,474401E+22	2,529625E+22	2,494073E+22	2,377253E+22	2,270589E+22	2,270569E+22	2,377205E+22	2,494037E+22
569	2,529633E+22	2,474420E+22	2,403332E+22	2,403325E+22	2,474388E+22	2,529589E+22	2,494036E+22	2,377240E+22	2,270596E+22	2,270585E+22	2,377201E+22	2,493971E+22
570	2,529512E+22	2,474292E+22	2,403194E+22	2,403199E+22	2,474316E+22	2,529555E+22	2,494016E+22	2,377227E+22	2,270590E+22	2,270591E+22	2,377233E+22	2,494023E+22
571	2,529568E+22	2,474368E+22	2,403308E+22	2,403314E+22	2,474415E+22	2,529620E+22	2,494021E+22	2,377188E+22	2,270548E+22	2,270569E+22	2,377237E+22	2,494063E+22
572	2,529606E+22	2,474346E+22	2,403237E+22	2,403222E+22	2,474326E+22	2,529579E+22	2,494035E+22	2,377219E+22	2,270561E+22	2,270558E+22	2,377205E+22	2,494011E+22
573	2,529545E+22	2,474276E+22	2,403177E+22	2,403212E+22	2,474336E+22	2,529570E+22	2,494020E+22	2,377210E+22	2,270551E+22	2,270542E+22	2,377197E+22	2,494040E+22
574	2,529650E+22	2,474453E+22	2,403343E+22	2,403323E+22	2,474404E+22	2,529598E+22	2,494018E+22	2,377201E+22	2,270548E+22	2,270549E+22	2,377206E+22	2,494027E+22
575	2,529580E+22	2,474355E+22	2,403249E+22	2,403211E+22	2,474302E+22	2,529547E+22	2,494018E+22	2,377237E+22	2,270601E+22	2,270592E+22	2,377217E+22	2,493997E+22
576	2,529526E+22	2,474314E+22	2,403288E+22	2,403317E+22	2,474402E+22	2,529614E+22	2,494048E+22	2,377231E+22	2,270587E+22	2,270586E+22	2,377226E+22	2,494045E+22
577	2,529632E+22	2,474424E+22	2,403352E+22	2,403368E+22	2,474443E+22	2,529632E+22	2,494052E+22	2,377242E+22	2,270610E+22	2,270618E+22	2,377244E+22	2,494013E+22
578	2,529547E+22	2,474324E+22	2,403225E+22	2,403222E+22	2,474336E+22	2,529582E+22	2,494054E+22	2,377280E+22	2,270654E+22	2,270646E+22	2,377265E+22	2,494042E+22
579	2,529590E+22	2,474401E+22	2,403355E+22	2,403357E+22	2,474435E+22	2,529640E+22	2,494073E+22	2,377283E+22	2,270664E+22	2,270657E+22	2,377271E+22	2,494073E+22
580	2,529648E+22	2,474441E+22	2,403363E+22	2,403336E+22	2,474380E+22	2,529589E+22	2,494064E+22	2,377313E+22	2,270707E+22	2,270694E+22	2,377275E+22	2,494016E+22
581	2,529550E+22	2,474339E+22	2,403283E+22	2,403308E+22	2,474377E+22	2,529568E+22	2,494034E+22	2,377293E+22	2,270700E+22	2,270697E+22	2,377294E+22	2,494058E+22
582	2,529632E+22	2,474480E+22	2,403445E+22	2,403443E+22	2,474486E+22	2,529637E+22	2,494045E+22	2,377264E+22	2,270667E+22	2,270687E+22	2,377314E+22	2,494089E+22
583	2,529615E+22	2,474403E+22	2,403342E+22	2,403321E+22	2,474374E+22	2,529587E+22	2,494052E+22	2,377292E+22	2,270690E+22	2,270694E+22	2,377296E+22	2,494047E+22
584	2,529564E+22	2,474340E+22	2,403309E+22	2,403349E+22	2,474427E+22	2,529632E+22	2,494080E+22	2,377286E+22	2,270657E+22	2,270648E+22	2,377262E+22	2,494063E+22
585	2,529665E+22	2,474487E+22	2,403407E+22	2,403401E+22	2,474467E+22	2,529650E+22	2,494072E+22	2,377277E+22	2,270654E+22	2,270647E+22	2,377252E+22	2,494017E+22
586	2,529569E+22	2,474376E+22	2,403283E+22	2,403241E+22	2,474316E+22	2,529560E+22	2,494046E+22	2,377290E+22	2,270671E+22	2,270653E+22	2,377250E+22	2,494012E+22
587	2,529554E+22	2,474366E+22	2,403343E+22	2,403360E+22	2,474417E+22	2,529607E+22	2,494044E+22	2,377262E+22	2,270645E+22	2,270637E+22	2,377248E+22	2,494043E+22
588	2,529617E+22	2,474406E+22	2,403337E+22	2,403345E+22	2,474403E+22	2,529591E+22	2,494031E+22	2,377250E+22	2,270637E+22	2,270645E+22	2,377258E+22	2,494008E+22
589	2,529525E+22	2,474283E+22	2,403193E+22	2,403225E+22	2,474342E+22	2,529565E+22	2,494013E+22	2,377223E+22	2,270597E+22	2,270608E+22	2,377250E+22	2,494044E+22
590	2,529601E+22	2,474406E+22	2,403337E+22	2,403332E+22	2,474423E+22	2,529632E+22	2,494042E+22	2,377213E+22	2,270563E+22	2,270573E+22	2,377242E+22	2,494076E+22
591	2,529628E+22	2,474389E+22	2,403285E+22	2,403245E+22	2,474309E+22	2,529555E+22	2,494033E+22	2,377249E+22	2,270609E+22	2,270596E+22	2,377217E+22	2,494006E+22
592	2,529553E+22	2,474312E+22	2,403237E+22	2,403261E+22	2,474347E+22	2,529569E+22	2,494032E+22	2,377240E+22	2,270602E+22	2,270585E+22	2,377200E+22	2,494006E+22
593	2,529620E+22	2,474459E+22	2,403386E+22	2,403383E+22	2,474451E+22	2,529624E+22	2,494031E+22	2,377231E+22	2,270608E+22	2,270613E+22	2,377235E+22	2,494005E+22
594	2,529551E+22	2,474360E+22	2,403282E+22	2,403254E+22	2,474328E+22	2,529560E+22	2,494023E+22	2,377253E+22	2,270641E+22	2,270643E+22	2,377258E+22	2,494018E+22
595	2,529534E+22	2,474320E+22	2,403304E+22	2,403348E+22	2,474425E+22	2,529626E+22	2,494061E+22	2,377269E+22	2,270651E+22	2,270645E+22	2,377259E+22	2,494056E+22
596	2,529636E+22	2,474431E+22	2,403364E+22	2,403379E+22	2,474444E+22	2,529635E+22	2,494077E+22	2,377298E+22	2,270686E+22	2,270686E+22	2,377286E+22	2,494034E+22
597	2,529564E+22	2,474344E+22	2,403256E+22	2,403258E+22	2,474346E+22	2,529572E+22	2,494050E+22	2,377305E+22	2,270706E+22	2,270698E+22	2,377288E+22	2,494043E+22
598	2,529603E+22	2,474445E+22	2,403414E+22	2,403401E+22	2,474441E+22	2,529629E+22	2,494072E+22	2,377307E+22	2,270708E+22	2,270707E+22	2,377311E+22	2,494087E+22
599	2,529645E+22	2,474462E+22	2,403414E+22	2,403387E+22	2,474393E+22	2,529567E+22	2,494041E+22	2,377322E+22	2,270755E+22	2,270759E+22	2,377328E+22	2,494045E+22
600	2,529562E+22	2,474353E+22	2,403316E+22	2,403352E+22	2,474413E+22	2,529593E+22	2,494042E+22	2,377295E+22	2,270721E+22	2,270728E+22	2,377313E+22	2,494062E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
601	2,529631E+22	2,474485E+22	2,403460E+22	2,403470E+22	2,474518E+22	2,529674E+22	2,494078E+22	2,377292E+22	2,270698E+22	2,270713E+22	2,377321E+22	2,494080E+22
602	2,529620E+22	2,474432E+22	2,403371E+22	2,403339E+22	2,474371E+22	2,529583E+22	2,494063E+22	2,377317E+22	2,270719E+22	2,270710E+22	2,377297E+22	2,494044E+22
603	2,529575E+22	2,474372E+22	2,403344E+22	2,403375E+22	2,474426E+22	2,529615E+22	2,494075E+22	2,377323E+22	2,270722E+22	2,270695E+22	2,377264E+22	2,494032E+22
604	2,529637E+22	2,474490E+22	2,403437E+22	2,403431E+22	2,474470E+22	2,529637E+22	2,494074E+22	2,377313E+22	2,270718E+22	2,270715E+22	2,377291E+22	2,494015E+22
605	2,529546E+22	2,474360E+22	2,403300E+22	2,403292E+22	2,474351E+22	2,529558E+22	2,494028E+22	2,377287E+22	2,270699E+22	2,270697E+22	2,377284E+22	2,494021E+22
606	2,529550E+22	2,474372E+22	2,403359E+22	2,403385E+22	2,474441E+22	2,529630E+22	2,494058E+22	2,377271E+22	2,270659E+22	2,270664E+22	2,377288E+22	2,494079E+22
607	2,529631E+22	2,474416E+22	2,403349E+22	2,403354E+22	2,474397E+22	2,529584E+22	2,494039E+22	2,377275E+22	2,270671E+22	2,270679E+22	2,377290E+22	2,494042E+22
608	2,529561E+22	2,474315E+22	2,403216E+22	2,403238E+22	2,474345E+22	2,529575E+22	2,494035E+22	2,377253E+22	2,270632E+22	2,270629E+22	2,377246E+22	2,494030E+22
609	2,529607E+22	2,474441E+22	2,403380E+22	2,403364E+22	2,474434E+22	2,529640E+22	2,494061E+22	2,377252E+22	2,270619E+22	2,270618E+22	2,377247E+22	2,494045E+22
610	2,529616E+22	2,474426E+22	2,403346E+22	2,403295E+22	2,474311E+22	2,529530E+22	2,494019E+22	2,377265E+22	2,270653E+22	2,270645E+22	2,377244E+22	2,494002E+22
611	2,529541E+22	2,474324E+22	2,403279E+22	2,403322E+22	2,474384E+22	2,529566E+22	2,494017E+22	2,377262E+22	2,270667E+22	2,270653E+22	2,377238E+22	2,494002E+22
612	2,529592E+22	2,474444E+22	2,403398E+22	2,403416E+22	2,474484E+22	2,529649E+22	2,494051E+22	2,377261E+22	2,270663E+22	2,270681E+22	2,377290E+22	2,494034E+22
613	2,529556E+22	2,474349E+22	2,403285E+22	2,403284E+22	2,474356E+22	2,529575E+22	2,494039E+22	2,377277E+22	2,270675E+22	2,270679E+22	2,377284E+22	2,494036E+22
614	2,529561E+22	2,474358E+22	2,403332E+22	2,403364E+22	2,474428E+22	2,529634E+22	2,494087E+22	2,377313E+22	2,270694E+22	2,270680E+22	2,377287E+22	2,494076E+22
615	2,529653E+22	2,474470E+22	2,403410E+22	2,403402E+22	2,474423E+22	2,529597E+22	2,494066E+22	2,377334E+22	2,270753E+22	2,270749E+22	2,377321E+22	2,494045E+22
616	2,529576E+22	2,474379E+22	2,403312E+22	2,403306E+22	2,474360E+22	2,529564E+22	2,494045E+22	2,377322E+22	2,270753E+22	2,270750E+22	2,377310E+22	2,494030E+22
617	2,529587E+22	2,474460E+22	2,403462E+22	2,403463E+22	2,474487E+22	2,529647E+22	2,494073E+22	2,377320E+22	2,270750E+22	2,270760E+22	2,377341E+22	2,494082E+22
618	2,529635E+22	2,474478E+22	2,403450E+22	2,403430E+22	2,474418E+22	2,529575E+22	2,494041E+22	2,377324E+22	2,270772E+22	2,270787E+22	2,377355E+22	2,494065E+22
619	2,529576E+22	2,474371E+22	2,403340E+22	2,403386E+22	2,474440E+22	2,529606E+22	2,494058E+22	2,377332E+22	2,270771E+22	2,270762E+22	2,377321E+22	2,494054E+22
620	2,529626E+22	2,474494E+22	2,403475E+22	2,403483E+22	2,474527E+22	2,529686E+22	2,494108E+22	2,377345E+22	2,270761E+22	2,270761E+22	2,377339E+22	2,494077E+22
621	2,529617E+22	2,474438E+22	2,403396E+22	2,403372E+22	2,474382E+22	2,529576E+22	2,494068E+22	2,377347E+22	2,270767E+22	2,270751E+22	2,377306E+22	2,494029E+22
622	2,529567E+22	2,474394E+22	2,403382E+22	2,403407E+22	2,474433E+22	2,529607E+22	2,494080E+22	2,377350E+22	2,270763E+22	2,270743E+22	2,377306E+22	2,494045E+22
623	2,529617E+22	2,474484E+22	2,403457E+22	2,403459E+22	2,474475E+22	2,529614E+22	2,494053E+22	2,377324E+22	2,270765E+22	2,270778E+22	2,377348E+22	2,494052E+22
624	2,529557E+22	2,474363E+22	2,403310E+22	2,403307E+22	2,474369E+22	2,529577E+22	2,494037E+22	2,377288E+22	2,270715E+22	2,270726E+22	2,377309E+22	2,494038E+22
625	2,529563E+22	2,474389E+22	2,403376E+22	2,403398E+22	2,474450E+22	2,529642E+22	2,494079E+22	2,377295E+22	2,270686E+22	2,270687E+22	2,377296E+22	2,494078E+22
626	2,529651E+22	2,474462E+22	2,403388E+22	2,403371E+22	2,474384E+22	2,529561E+22	2,494032E+22	2,377291E+22	2,270698E+22	2,270697E+22	2,377290E+22	2,494041E+22
627	2,529580E+22	2,474364E+22	2,403273E+22	2,403282E+22	2,474353E+22	2,529552E+22	2,494020E+22	2,377283E+22	2,270694E+22	2,270671E+22	2,377245E+22	2,493997E+22
628	2,529576E+22	2,474448E+22	2,403423E+22	2,403417E+22	2,474462E+22	2,529639E+22	2,494064E+22	2,377284E+22	2,270680E+22	2,270682E+22	2,377281E+22	2,494040E+22
629	2,529587E+22	2,474409E+22	2,403376E+22	2,403364E+22	2,474369E+22	2,529548E+22	2,494018E+22	2,377273E+22	2,270685E+22	2,270689E+22	2,377276E+22	2,494010E+22
630	2,529532E+22	2,474328E+22	2,403299E+22	2,403352E+22	2,474417E+22	2,529599E+22	2,494050E+22	2,377292E+22	2,270696E+22	2,270693E+22	2,377286E+22	2,494034E+22
631	2,529592E+22	2,474441E+22	2,403406E+22	2,403428E+22	2,474485E+22	2,529649E+22	2,494073E+22	2,377308E+22	2,270724E+22	2,270737E+22	2,377333E+22	2,494069E+22
632	2,529587E+22	2,474380E+22	2,403307E+22	2,403292E+22	2,474359E+22	2,529585E+22	2,494060E+22	2,377315E+22	2,270731E+22	2,270726E+22	2,377299E+22	2,494031E+22
633	2,529568E+22	2,474395E+22	2,403379E+22	2,403389E+22	2,474426E+22	2,529623E+22	2,494096E+22	2,377354E+22	2,270763E+22	2,270743E+22	2,377309E+22	2,494063E+22
634	2,529652E+22	2,474510E+22	2,403470E+22	2,403450E+22	2,474425E+22	2,529563E+22	2,494039E+22	2,377343E+22	2,270798E+22	2,270805E+22	2,377361E+22	2,494062E+22
635	2,529583E+22	2,474404E+22	2,403362E+22	2,403368E+22	2,474398E+22	2,529555E+22	2,494020E+22	2,377332E+22	2,270804E+22	2,270802E+22	2,377342E+22	2,494036E+22
636	2,529575E+22	2,474457E+22	2,403482E+22	2,403500E+22	2,474524E+22	2,529672E+22	2,494093E+22	2,377343E+22	2,270786E+22	2,270803E+22	2,377377E+22	2,494104E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
637	2,529644E+22	2,474479E+22	2,403469E+22	2,403469E+22	2,474450E+22	2,529593E+22	2,494059E+22	2,377345E+22	2,270793E+22	2,270799E+22	2,377355E+22	2,494063E+22
638	2,529591E+22	2,474409E+22	2,403377E+22	2,403405E+22	2,474447E+22	2,529616E+22	2,494087E+22	2,377376E+22	2,270810E+22	2,270789E+22	2,377332E+22	2,494047E+22
639	2,529613E+22	2,474509E+22	2,403513E+22	2,403507E+22	2,474517E+22	2,529661E+22	2,494107E+22	2,377387E+22	2,270831E+22	2,270823E+22	2,377366E+22	2,494074E+22
640	2,529609E+22	2,474450E+22	2,403428E+22	2,403404E+22	2,474401E+22	2,529579E+22	2,494066E+22	2,377366E+22	2,270817E+22	2,270804E+22	2,377332E+22	2,494018E+22
641	2,529544E+22	2,474391E+22	2,403405E+22	2,403440E+22	2,474462E+22	2,529620E+22	2,494085E+22	2,377369E+22	2,270807E+22	2,270796E+22	2,377341E+22	2,494055E+22
642	2,529619E+22	2,474492E+22	2,403473E+22	2,403475E+22	2,474478E+22	2,529606E+22	2,494047E+22	2,377328E+22	2,270783E+22	2,270806E+22	2,377381E+22	2,494088E+22
643	2,529587E+22	2,474387E+22	2,403334E+22	2,403329E+22	2,474379E+22	2,529569E+22	2,494036E+22	2,377318E+22	2,270759E+22	2,270753E+22	2,377317E+22	2,494039E+22
644	2,529571E+22	2,474411E+22	2,403403E+22	2,403415E+22	2,474457E+22	2,529642E+22	2,494091E+22	2,377330E+22	2,270735E+22	2,270728E+22	2,377312E+22	2,494078E+22
645	2,529651E+22	2,474479E+22	2,403433E+22	2,403417E+22	2,474402E+22	2,529551E+22	2,494026E+22	2,377305E+22	2,270732E+22	2,270728E+22	2,377296E+22	2,494025E+22
646	2,529571E+22	2,474390E+22	2,403326E+22	2,403334E+22	2,474384E+22	2,529556E+22	2,494024E+22	2,377305E+22	2,270730E+22	2,270719E+22	2,377286E+22	2,494004E+22
647	2,529549E+22	2,474434E+22	2,403444E+22	2,403455E+22	2,474489E+22	2,529639E+22	2,494059E+22	2,377304E+22	2,270732E+22	2,270742E+22	2,377330E+22	2,494068E+22
648	2,529592E+22	2,474406E+22	2,403378E+22	2,403375E+22	2,474399E+22	2,529586E+22	2,494046E+22	2,377296E+22	2,270718E+22	2,270725E+22	2,377300E+22	2,494022E+22
649	2,529541E+22	2,474343E+22	2,403315E+22	2,403359E+22	2,474424E+22	2,529615E+22	2,494084E+22	2,377341E+22	2,270747E+22	2,270732E+22	2,377298E+22	2,494038E+22
650	2,529615E+22	2,474481E+22	2,403442E+22	2,403435E+22	2,474461E+22	2,529615E+22	2,494066E+22	2,377338E+22	2,270774E+22	2,270779E+22	2,377351E+22	2,494079E+22
651	2,529608E+22	2,474428E+22	2,403371E+22	2,403337E+22	2,474361E+22	2,529548E+22	2,494038E+22	2,377349E+22	2,270804E+22	2,270786E+22	2,377317E+22	2,494015E+22
652	2,529550E+22	2,474413E+22	2,403432E+22	2,403446E+22	2,474454E+22	2,529614E+22	2,494082E+22	2,377373E+22	2,270820E+22	2,270813E+22	2,377354E+22	2,494072E+22
653	2,529637E+22	2,474507E+22	2,403512E+22	2,403519E+22	2,474478E+22	2,529577E+22	2,494030E+22	2,377342E+22	2,270821E+22	2,270840E+22	2,377386E+22	2,494073E+22
654	2,529589E+22	2,474424E+22	2,403401E+22	2,403412E+22	2,474439E+22	2,529589E+22	2,494051E+22	2,377358E+22	2,270826E+22	2,270831E+22	2,377373E+22	2,494055E+22
655	2,529575E+22	2,474459E+22	2,403501E+22	2,403523E+22	2,474536E+22	2,529679E+22	2,494117E+22	2,377394E+22	2,270846E+22	2,270848E+22	2,377397E+22	2,494116E+22
656	2,529661E+22	2,474506E+22	2,403494E+22	2,403480E+22	2,474466E+22	2,529618E+22	2,494089E+22	2,377391E+22	2,270851E+22	2,270842E+22	2,377360E+22	2,494043E+22
657	2,529579E+22	2,474432E+22	2,403421E+22	2,403430E+22	2,474449E+22	2,529614E+22	2,494104E+22	2,377424E+22	2,270882E+22	2,270853E+22	2,377354E+22	2,494033E+22
658	2,529598E+22	2,474518E+22	2,403548E+22	2,403539E+22	2,474517E+22	2,529630E+22	2,494081E+22	2,377397E+22	2,270879E+22	2,270885E+22	2,377414E+22	2,494098E+22
659	2,529613E+22	2,474457E+22	2,403455E+22	2,403441E+22	2,474426E+22	2,529567E+22	2,494041E+22	2,377375E+22	2,270864E+22	2,270858E+22	2,377372E+22	2,494038E+22
660	2,529544E+22	2,474385E+22	2,403409E+22	2,403452E+22	2,474478E+22	2,529630E+22	2,494092E+22	2,377382E+22	2,270835E+22	2,270834E+22	2,377379E+22	2,494089E+22
661	2,529642E+22	2,474503E+22	2,403495E+22	2,403500E+22	2,474489E+22	2,529604E+22	2,494048E+22	2,377337E+22	2,270794E+22	2,270809E+22	2,377378E+22	2,494093E+22
662	2,529616E+22	2,474438E+22	2,403387E+22	2,403354E+22	2,474381E+22	2,529564E+22	2,494043E+22	2,377338E+22	2,270780E+22	2,270770E+22	2,377321E+22	2,494027E+22
663	2,529559E+22	2,474427E+22	2,403450E+22	2,403453E+22	2,474461E+22	2,529624E+22	2,494083E+22	2,377357E+22	2,270789E+22	2,270775E+22	2,377328E+22	2,494068E+22
664	2,529640E+22	2,474490E+22	2,403469E+22	2,403461E+22	2,474447E+22	2,529578E+22	2,494030E+22	2,377317E+22	2,270768E+22	2,270768E+22	2,377310E+22	2,494006E+22
665	2,529541E+22	2,474382E+22	2,403352E+22	2,403366E+22	2,474421E+22	2,529587E+22	2,494048E+22	2,377336E+22	2,270778E+22	2,270768E+22	2,377310E+22	2,494007E+22
666	2,529545E+22	2,474427E+22	2,403452E+22	2,403466E+22	2,474496E+22	2,529643E+22	2,494072E+22	2,377333E+22	2,270773E+22	2,270784E+22	2,377362E+22	2,494097E+22
667	2,529618E+22	2,474426E+22	2,403399E+22	2,403390E+22	2,474402E+22	2,529574E+22	2,494053E+22	2,377349E+22	2,270791E+22	2,270775E+22	2,377317E+22	2,494024E+22
668	2,529548E+22	2,474364E+22	2,403345E+22	2,403372E+22	2,474418E+22	2,529602E+22	2,494091E+22	2,377386E+22	2,270819E+22	2,270798E+22	2,377333E+22	2,494047E+22
669	2,529619E+22	2,474504E+22	2,403499E+22	2,403485E+22	2,474467E+22	2,529589E+22	2,494047E+22	2,377352E+22	2,270820E+22	2,270829E+22	2,377377E+22	2,494079E+22
670	2,529611E+22	2,474462E+22	2,403438E+22	2,403401E+22	2,474392E+22	2,529543E+22	2,494024E+22	2,377355E+22	2,270838E+22	2,270842E+22	2,377368E+22	2,494031E+22
671	2,529538E+22	2,474412E+22	2,403467E+22	2,403495E+22	2,474492E+22	2,529623E+22	2,494075E+22	2,377383E+22	2,270863E+22	2,270869E+22	2,377400E+22	2,494103E+22
672	2,529656E+22	2,474520E+22	2,403530E+22	2,403542E+22	2,474523E+22	2,529627E+22	2,494060E+22	2,377363E+22	2,270848E+22	2,270866E+22	2,377397E+22	2,494073E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
673	2,529597E+22	2,474448E+22	2,403435E+22	2,403434E+22	2,474456E+22	2,529614E+22	2,494092E+22	2,377415E+22	2,270884E+22	2,270865E+22	2,377371E+22	2,494045E+22
674	2,529586E+22	2,474486E+22	2,403537E+22	2,403542E+22	2,474526E+22	2,529658E+22	2,494119E+22	2,377434E+22	2,270908E+22	2,270896E+22	2,377411E+22	2,494110E+22
675	2,529663E+22	2,474531E+22	2,403544E+22	2,403523E+22	2,474473E+22	2,529591E+22	2,494078E+22	2,377434E+22	2,270929E+22	2,270908E+22	2,377385E+22	2,494026E+22
676	2,529551E+22	2,474426E+22	2,403452E+22	2,403469E+22	2,474471E+22	2,529612E+22	2,494097E+22	2,377444E+22	2,270937E+22	2,270925E+22	2,377410E+22	2,494053E+22
677	2,529586E+22	2,474503E+22	2,403567E+22	2,403574E+22	2,474540E+22	2,529635E+22	2,494071E+22	2,377391E+22	2,270893E+22	2,270915E+22	2,377446E+22	2,494124E+22
678	2,529634E+22	2,474476E+22	2,403482E+22	2,403465E+22	2,474444E+22	2,529582E+22	2,494055E+22	2,377384E+22	2,270874E+22	2,270883E+22	2,377404E+22	2,494063E+22
679	2,529562E+22	2,474400E+22	2,403428E+22	2,403465E+22	2,474478E+22	2,529621E+22	2,494091E+22	2,377406E+22	2,270874E+22	2,270864E+22	2,377390E+22	2,494099E+22
680	2,529668E+22	2,474538E+22	2,403522E+22	2,403509E+22	2,474501E+22	2,529621E+22	2,494059E+22	2,377360E+22	2,270829E+22	2,270832E+22	2,377367E+22	2,494063E+22
681	2,529603E+22	2,474465E+22	2,403443E+22	2,403395E+22	2,474395E+22	2,529566E+22	2,494057E+22	2,377376E+22	2,270834E+22	2,270812E+22	2,377324E+22	2,494005E+22
682	2,529542E+22	2,474427E+22	2,403482E+22	2,403493E+22	2,474477E+22	2,529608E+22	2,494065E+22	2,377369E+22	2,270832E+22	2,270826E+22	2,377360E+22	2,494074E+22
683	2,529633E+22	2,474487E+22	2,403491E+22	2,403497E+22	2,474476E+22	2,529585E+22	2,494031E+22	2,377344E+22	2,270819E+22	2,270818E+22	2,377340E+22	2,494013E+22
684	2,529533E+22	2,474372E+22	2,403356E+22	2,403376E+22	2,474431E+22	2,529604E+22	2,494072E+22	2,377370E+22	2,270825E+22	2,270819E+22	2,377349E+22	2,494032E+22
685	2,529559E+22	2,474435E+22	2,403471E+22	2,403480E+22	2,474490E+22	2,529633E+22	2,494075E+22	2,377359E+22	2,270811E+22	2,270813E+22	2,377372E+22	2,494102E+22
686	2,529644E+22	2,474475E+22	2,403454E+22	2,403420E+22	2,474401E+22	2,529559E+22	2,494049E+22	2,377371E+22	2,270837E+22	2,270828E+22	2,377348E+22	2,494022E+22
687	2,529544E+22	2,474385E+22	2,403398E+22	2,403421E+22	2,474426E+22	2,529575E+22	2,494067E+22	2,377405E+22	2,270882E+22	2,270866E+22	2,377372E+22	2,494056E+22
688	2,529623E+22	2,474524E+22	2,403542E+22	2,403537E+22	2,474518E+22	2,529616E+22	2,494043E+22	2,377358E+22	2,270855E+22	2,270876E+22	2,377404E+22	2,494077E+22
689	2,529600E+22	2,474473E+22	2,403486E+22	2,403455E+22	2,474439E+22	2,529581E+22	2,494052E+22	2,377384E+22	2,270879E+22	2,270882E+22	2,377388E+22	2,494041E+22
690	2,529548E+22	2,474418E+22	2,403489E+22	2,403525E+22	2,474513E+22	2,529638E+22	2,494096E+22	2,377416E+22	2,270905E+22	2,270906E+22	2,377422E+22	2,494118E+22
691	2,529679E+22	2,474550E+22	2,403564E+22	2,403570E+22	2,474539E+22	2,529633E+22	2,494084E+22	2,377424E+22	2,270921E+22	2,270914E+22	2,377406E+22	2,494060E+22
692	2,529591E+22	2,474464E+22	2,403466E+22	2,403452E+22	2,474456E+22	2,529617E+22	2,494114E+22	2,377469E+22	2,270963E+22	2,270939E+22	2,377407E+22	2,494044E+22
693	2,529573E+22	2,474491E+22	2,403578E+22	2,403584E+22	2,474530E+22	2,529637E+22	2,494108E+22	2,377456E+22	2,270961E+22	2,270953E+22	2,377444E+22	2,494113E+22
694	2,529661E+22	2,474549E+22	2,403587E+22	2,403570E+22	2,474494E+22	2,529581E+22	2,494059E+22	2,377434E+22	2,270964E+22	2,270971E+22	2,377444E+22	2,494050E+22
695	2,529545E+22	2,474416E+22	2,403462E+22	2,403493E+22	2,474486E+22	2,529609E+22	2,494085E+22	2,377446E+22	2,270968E+22	2,270973E+22	2,377457E+22	2,494094E+22
696	2,529620E+22	2,474524E+22	2,403574E+22	2,403579E+22	2,474560E+22	2,529664E+22	2,494085E+22	2,377397E+22	2,270902E+22	2,270924E+22	2,377448E+22	2,494126E+22
697	2,529653E+22	2,474514E+22	2,403522E+22	2,403484E+22	2,474443E+22	2,529586E+22	2,494075E+22	2,377418E+22	2,270908E+22	2,270893E+22	2,377385E+22	2,494046E+22
698	2,529576E+22	2,474434E+22	2,403472E+22	2,403492E+22	2,474469E+22	2,529598E+22	2,494080E+22	2,377425E+22	2,270914E+22	2,270894E+22	2,377387E+22	2,494077E+22
699	2,529663E+22	2,474565E+22	2,403577E+22	2,403562E+22	2,474520E+22	2,529606E+22	2,494050E+22	2,377391E+22	2,270886E+22	2,270879E+22	2,377375E+22	2,494030E+22
700	2,529563E+22	2,474450E+22	2,403468E+22	2,403441E+22	2,474430E+22	2,529584E+22	2,494064E+22	2,377400E+22	2,270885E+22	2,270874E+22	2,377367E+22	2,494011E+22
701	2,529515E+22	2,474400E+22	2,403491E+22	2,403526E+22	2,474503E+22	2,529625E+22	2,494075E+22	2,377382E+22	2,270858E+22	2,270861E+22	2,377389E+22	2,494089E+22
702	2,529640E+22	2,474493E+22	2,403507E+22	2,403517E+22	2,474489E+22	2,529599E+22	2,494053E+22	2,377370E+22	2,270855E+22	2,270865E+22	2,377382E+22	2,494034E+22
703	2,529543E+22	2,474380E+22	2,403368E+22	2,403384E+22	2,474423E+22	2,529594E+22	2,494077E+22	2,377407E+22	2,270887E+22	2,270877E+22	2,377384E+22	2,494053E+22
704	2,529589E+22	2,474476E+22	2,403501E+22	2,403489E+22	2,474492E+22	2,529638E+22	2,494079E+22	2,377382E+22	2,270860E+22	2,270862E+22	2,377389E+22	2,494090E+22
705	2,529643E+22	2,474512E+22	2,403520E+22	2,403474E+22	2,474416E+22	2,529551E+22	2,494048E+22	2,377400E+22	2,270894E+22	2,270884E+22	2,377373E+22	2,494025E+22
706	2,529548E+22	2,474400E+22	2,403441E+22	2,403477E+22	2,474454E+22	2,529565E+22	2,494042E+22	2,377405E+22	2,270920E+22	2,270920E+22	2,377414E+22	2,494078E+22
707	2,529635E+22	2,474540E+22	2,403576E+22	2,403584E+22	2,474556E+22	2,529634E+22	2,494055E+22	2,377386E+22	2,270898E+22	2,270917E+22	2,377429E+22	2,494084E+22
708	2,529602E+22	2,474480E+22	2,403508E+22	2,403486E+22	2,474462E+22	2,529610E+22	2,494090E+22	2,377430E+22	2,270929E+22	2,270926E+22	2,377415E+22	2,494052E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
709	2,529555E+22	2,474435E+22	2,403522E+22	2,403550E+22	2,474512E+22	2,529634E+22	2,494111E+22	2,377455E+22	2,270953E+22	2,270937E+22	2,377424E+22	2,494103E+22
710	2,529682E+22	2,474588E+22	2,403621E+22	2,403610E+22	2,474542E+22	2,529624E+22	2,494089E+22	2,377454E+22	2,270981E+22	2,270980E+22	2,377439E+22	2,494048E+22
711	2,529571E+22	2,474470E+22	2,403506E+22	2,403497E+22	2,474465E+22	2,529595E+22	2,494096E+22	2,377491E+22	2,271028E+22	2,271014E+22	2,377455E+22	2,494056E+22
712	2,529572E+22	2,474498E+22	2,403593E+22	2,403610E+22	2,474563E+22	2,529657E+22	2,494102E+22	2,377460E+22	2,270994E+22	2,271000E+22	2,377477E+22	2,494119E+22
713	2,529657E+22	2,474558E+22	2,403616E+22	2,403604E+22	2,474520E+22	2,529602E+22	2,494079E+22	2,377457E+22	2,270996E+22	2,271001E+22	2,377465E+22	2,494073E+22
714	2,529571E+22	2,474431E+22	2,403477E+22	2,403511E+22	2,474488E+22	2,529600E+22	2,494082E+22	2,377461E+22	2,270995E+22	2,270997E+22	2,377471E+22	2,494109E+22
715	2,529650E+22	2,474564E+22	2,403611E+22	2,403603E+22	2,474560E+22	2,529655E+22	2,494096E+22	2,377439E+22	2,270950E+22	2,270952E+22	2,377445E+22	2,494104E+22
716	2,529644E+22	2,474536E+22	2,403565E+22	2,403519E+22	2,474449E+22	2,529586E+22	2,494088E+22	2,377452E+22	2,270961E+22	2,270943E+22	2,377404E+22	2,494029E+22
717	2,529548E+22	2,474437E+22	2,403515E+22	2,403542E+22	2,474483E+22	2,529584E+22	2,494069E+22	2,377437E+22	2,270950E+22	2,270935E+22	2,377406E+22	2,494063E+22
718	2,529640E+22	2,474567E+22	2,403610E+22	2,403613E+22	2,474559E+22	2,529620E+22	2,494045E+22	2,377390E+22	2,270918E+22	2,270938E+22	2,377426E+22	2,494043E+22
719	2,529546E+22	2,474428E+22	2,403463E+22	2,403459E+22	2,474449E+22	2,529598E+22	2,494073E+22	2,377417E+22	2,270925E+22	2,270926E+22	2,377416E+22	2,494049E+22
720	2,529543E+22	2,474411E+22	2,403478E+22	2,403517E+22	2,474513E+22	2,529651E+22	2,494100E+22	2,377409E+22	2,270888E+22	2,270886E+22	2,377403E+22	2,494097E+22
721	2,529658E+22	2,474529E+22	2,403542E+22	2,403532E+22	2,474480E+22	2,529593E+22	2,494072E+22	2,377415E+22	2,270907E+22	2,270897E+22	2,377386E+22	2,494036E+22
722	2,529565E+22	2,474416E+22	2,403413E+22	2,403415E+22	2,474412E+22	2,529558E+22	2,494055E+22	2,377423E+22	2,270937E+22	2,270928E+22	2,377407E+22	2,494052E+22
723	2,529599E+22	2,474518E+22	2,403565E+22	2,403550E+22	2,474509E+22	2,529617E+22	2,494066E+22	2,377407E+22	2,270913E+22	2,270916E+22	2,377415E+22	2,494079E+22
724	2,529622E+22	2,474517E+22	2,403560E+22	2,403532E+22	2,474458E+22	2,529572E+22	2,494055E+22	2,377417E+22	2,270937E+22	2,270941E+22	2,377416E+22	2,494037E+22
725	2,529535E+22	2,474401E+22	2,403474E+22	2,403523E+22	2,474488E+22	2,529588E+22	2,494060E+22	2,377424E+22	2,270947E+22	2,270949E+22	2,377433E+22	2,494085E+22
726	2,529645E+22	2,474563E+22	2,403612E+22	2,403624E+22	2,474582E+22	2,529654E+22	2,494080E+22	2,377418E+22	2,270944E+22	2,270964E+22	2,377455E+22	2,494085E+22
727	2,529601E+22	2,474491E+22	2,403527E+22	2,403506E+22	2,474466E+22	2,529609E+22	2,494109E+22	2,377483E+22	2,271004E+22	2,270990E+22	2,377444E+22	2,494057E+22
728	2,529567E+22	2,474464E+22	2,403545E+22	2,403567E+22	2,474523E+22	2,529642E+22	2,494124E+22	2,377493E+22	2,271015E+22	2,270997E+22	2,377448E+22	2,494088E+22
729	2,529662E+22	2,474606E+22	2,403673E+22	2,403660E+22	2,474555E+22	2,529612E+22	2,494089E+22	2,377488E+22	2,271044E+22	2,271042E+22	2,377476E+22	2,494062E+22
730	2,529572E+22	2,474472E+22	2,403530E+22	2,403535E+22	2,474483E+22	2,529580E+22	2,494070E+22	2,377488E+22	2,271066E+22	2,271072E+22	2,377508E+22	2,494091E+22
731	2,529594E+22	2,474519E+22	2,403619E+22	2,403638E+22	2,474575E+22	2,529657E+22	2,494108E+22	2,377479E+22	2,271023E+22	2,271033E+22	2,377502E+22	2,494134E+22
732	2,529669E+22	2,474575E+22	2,403637E+22	2,403624E+22	2,474530E+22	2,529613E+22	2,494098E+22	2,377485E+22	2,271029E+22	2,271029E+22	2,377480E+22	2,494080E+22
733	2,529581E+22	2,474463E+22	2,403520E+22	2,403540E+22	2,474487E+22	2,529587E+22	2,494081E+22	2,377479E+22	2,271021E+22	2,271009E+22	2,377460E+22	2,494088E+22
734	2,529648E+22	2,474600E+22	2,403670E+22	2,403653E+22	2,474575E+22	2,529646E+22	2,494090E+22	2,377450E+22	2,270989E+22	2,270999E+22	2,377462E+22	2,494080E+22
735	2,529611E+22	2,474529E+22	2,403595E+22	2,403569E+22	2,474477E+22	2,529585E+22	2,494084E+22	2,377473E+22	2,271011E+22	2,271001E+22	2,377441E+22	2,494034E+22
736	2,529536E+22	2,474430E+22	2,403513E+22	2,403563E+22	2,474527E+22	2,529622E+22	2,494085E+22	2,377450E+22	2,270978E+22	2,270972E+22	2,377434E+22	2,494065E+22
737	2,529621E+22	2,474560E+22	2,403622E+22	2,403636E+22	2,474580E+22	2,529646E+22	2,494081E+22	2,377429E+22	2,270957E+22	2,270968E+22	2,377447E+22	2,494069E+22
738	2,529570E+22	2,474437E+22	2,403464E+22	2,403462E+22	2,474443E+22	2,529586E+22	2,494077E+22	2,377446E+22	2,270970E+22	2,270967E+22	2,377443E+22	2,494072E+22
739	2,529577E+22	2,474454E+22	2,403508E+22	2,403524E+22	2,474492E+22	2,529627E+22	2,494110E+22	2,377456E+22	2,270948E+22	2,270932E+22	2,377418E+22	2,494090E+22
740	2,529658E+22	2,474561E+22	2,403590E+22	2,403567E+22	2,474478E+22	2,529577E+22	2,494074E+22	2,377448E+22	2,270967E+22	2,270959E+22	2,377422E+22	2,494038E+22
741	2,529552E+22	2,474439E+22	2,403472E+22	2,403473E+22	2,474427E+22	2,529532E+22	2,494027E+22	2,377424E+22	2,270967E+22	2,270969E+22	2,377433E+22	2,494054E+22
742	2,529591E+22	2,474534E+22	2,403614E+22	2,403614E+22	2,474555E+22	2,529630E+22	2,494055E+22	2,377397E+22	2,270940E+22	2,270971E+22	2,377460E+22	2,494093E+22
743	2,529614E+22	2,474514E+22	2,403577E+22	2,403571E+22	2,474493E+22	2,529595E+22	2,494074E+22	2,377438E+22	2,270973E+22	2,270983E+22	2,377449E+22	2,494060E+22
744	2,529557E+22	2,474424E+22	2,403480E+22	2,403532E+22	2,474511E+22	2,529618E+22	2,494093E+22	2,377464E+22	2,270988E+22	2,270976E+22	2,377435E+22	2,494071E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
745	2,529640E+22	2,474594E+22	2,403659E+22	2,403657E+22	2,474589E+22	2,529658E+22	2,494110E+22	2,377478E+22	2,271014E+22	2,271007E+22	2,377459E+22	2,494077E+22
746	2,529605E+22	2,474513E+22	2,403568E+22	2,403544E+22	2,474467E+22	2,529579E+22	2,494094E+22	2,377513E+22	2,271074E+22	2,271062E+22	2,377481E+22	2,494059E+22
747	2,529564E+22	2,474488E+22	2,403591E+22	2,403613E+22	2,474536E+22	2,529624E+22	2,494120E+22	2,377526E+22	2,271077E+22	2,271064E+22	2,377491E+22	2,494092E+22
748	2,529641E+22	2,474601E+22	2,403699E+22	2,403701E+22	2,474588E+22	2,529628E+22	2,494097E+22	2,377507E+22	2,271087E+22	2,271101E+22	2,377530E+22	2,494090E+22
749	2,529570E+22	2,474479E+22	2,403559E+22	2,403566E+22	2,474498E+22	2,529584E+22	2,494074E+22	2,377497E+22	2,271082E+22	2,271093E+22	2,377528E+22	2,494110E+22
750	2,529617E+22	2,474553E+22	2,403658E+22	2,403671E+22	2,474594E+22	2,529662E+22	2,494114E+22	2,377492E+22	2,271055E+22	2,271071E+22	2,377521E+22	2,494137E+22
751	2,529676E+22	2,474597E+22	2,403665E+22	2,403648E+22	2,474538E+22	2,529612E+22	2,494108E+22	2,377519E+22	2,271080E+22	2,271072E+22	2,377496E+22	2,494078E+22
752	2,529588E+22	2,474492E+22	2,403549E+22	2,403566E+22	2,474509E+22	2,529596E+22	2,494091E+22	2,377508E+22	2,271065E+22	2,271046E+22	2,377467E+22	2,494063E+22
753	2,529616E+22	2,474605E+22	2,403715E+22	2,403706E+22	2,474606E+22	2,529650E+22	2,494098E+22	2,377483E+22	2,271039E+22	2,271039E+22	2,377484E+22	2,494089E+22
754	2,529601E+22	2,474514E+22	2,403599E+22	2,403595E+22	2,474502E+22	2,529586E+22	2,494077E+22	2,377483E+22	2,271048E+22	2,271051E+22	2,377485E+22	2,494064E+22
755	2,529552E+22	2,474442E+22	2,403521E+22	2,403566E+22	2,474525E+22	2,529627E+22	2,494112E+22	2,377487E+22	2,271013E+22	2,271005E+22	2,377459E+22	2,494080E+22
756	2,529630E+22	2,474571E+22	2,403632E+22	2,403635E+22	2,474570E+22	2,529642E+22	2,494101E+22	2,377469E+22	2,271004E+22	2,271006E+22	2,377468E+22	2,494077E+22
757	2,529578E+22	2,474473E+22	2,403510E+22	2,403480E+22	2,474427E+22	2,529553E+22	2,494062E+22	2,377462E+22	2,271005E+22	2,270996E+22	2,377447E+22	2,494063E+22
758	2,529583E+22	2,474499E+22	2,403579E+22	2,403580E+22	2,474504E+22	2,529597E+22	2,494076E+22	2,377452E+22	2,270990E+22	2,270991E+22	2,377446E+22	2,494079E+22
759	2,529636E+22	2,474564E+22	2,403628E+22	2,403622E+22	2,474513E+22	2,529573E+22	2,494058E+22	2,377455E+22	2,271009E+22	2,271014E+22	2,377462E+22	2,494052E+22
760	2,529551E+22	2,474446E+22	2,403489E+22	2,403513E+22	2,474484E+22	2,529572E+22	2,494043E+22	2,377436E+22	2,270990E+22	2,270997E+22	2,377452E+22	2,494055E+22
761	2,529578E+22	2,474538E+22	2,403646E+22	2,403656E+22	2,474591E+22	2,529662E+22	2,494096E+22	2,377445E+22	2,270981E+22	2,270992E+22	2,377469E+22	2,494108E+22
762	2,529630E+22	2,474524E+22	2,403591E+22	2,403590E+22	2,474507E+22	2,529599E+22	2,494092E+22	2,377485E+22	2,271035E+22	2,271033E+22	2,377472E+22	2,494068E+22
763	2,529575E+22	2,474464E+22	2,403519E+22	2,403546E+22	2,474501E+22	2,529610E+22	2,494121E+22	2,377526E+22	2,271064E+22	2,271038E+22	2,377457E+22	2,494058E+22
764	2,529621E+22	2,474604E+22	2,403700E+22	2,403693E+22	2,474595E+22	2,529647E+22	2,494118E+22	2,377524E+22	2,271092E+22	2,271088E+22	2,377508E+22	2,494082E+22
765	2,529586E+22	2,474524E+22	2,403616E+22	2,403592E+22	2,474484E+22	2,529557E+22	2,494067E+22	2,377519E+22	2,271119E+22	2,271121E+22	2,377527E+22	2,494081E+22
766	2,529570E+22	2,474503E+22	2,403629E+22	2,403660E+22	2,474568E+22	2,529625E+22	2,494099E+22	2,377515E+22	2,271109E+22	2,271127E+22	2,377545E+22	2,494123E+22
767	2,529654E+22	2,474606E+22	2,403712E+22	2,403722E+22	2,474606E+22	2,529640E+22	2,494110E+22	2,377527E+22	2,271117E+22	2,271136E+22	2,377562E+22	2,494124E+22
768	2,529610E+22	2,474517E+22	2,403580E+22	2,403579E+22	2,474515E+22	2,529598E+22	2,494093E+22	2,377525E+22	2,271108E+22	2,271103E+22	2,377518E+22	2,494095E+22
769	2,529620E+22	2,474592E+22	2,403718E+22	2,403714E+22	2,474605E+22	2,529661E+22	2,494131E+22	2,377536E+22	2,271104E+22	2,271090E+22	2,377509E+22	2,494122E+22
770	2,529674E+22	2,474616E+22	2,403708E+22	2,403692E+22	2,474556E+22	2,529595E+22	2,494094E+22	2,377539E+22	2,271132E+22	2,271125E+22	2,377516E+22	2,494067E+22
771	2,529574E+22	2,474506E+22	2,403586E+22	2,403601E+22	2,474528E+22	2,529599E+22	2,494102E+22	2,377539E+22	2,271114E+22	2,271098E+22	2,377496E+22	2,494055E+22
772	2,529582E+22	2,474581E+22	2,403724E+22	2,403734E+22	2,474637E+22	2,529676E+22	2,494122E+22	2,377514E+22	2,271085E+22	2,271091E+22	2,377524E+22	2,494105E+22
773	2,529593E+22	2,474512E+22	2,403614E+22	2,403605E+22	2,474503E+22	2,529580E+22	2,494081E+22	2,377502E+22	2,271076E+22	2,271077E+22	2,377503E+22	2,494081E+22
774	2,529572E+22	2,474466E+22	2,403546E+22	2,403579E+22	2,474523E+22	2,529612E+22	2,494103E+22	2,377502E+22	2,271059E+22	2,271056E+22	2,377484E+22	2,494087E+22
775	2,529638E+22	2,474590E+22	2,403658E+22	2,403648E+22	2,474563E+22	2,529625E+22	2,494098E+22	2,377495E+22	2,271055E+22	2,271058E+22	2,377497E+22	2,494087E+22
776	2,529591E+22	2,474503E+22	2,403548E+22	2,403514E+22	2,474444E+22	2,529543E+22	2,494049E+22	2,377472E+22	2,271039E+22	2,271033E+22	2,377462E+22	2,494051E+22
777	2,529563E+22	2,474512E+22	2,403635E+22	2,403646E+22	2,474548E+22	2,529603E+22	2,494070E+22	2,377465E+22	2,271024E+22	2,271023E+22	2,377469E+22	2,494097E+22
778	2,529640E+22	2,474561E+22	2,403647E+22	2,403660E+22	2,474555E+22	2,529589E+22	2,494054E+22	2,377460E+22	2,271038E+22	2,271055E+22	2,377496E+22	2,494076E+22
779	2,529572E+22	2,474468E+22	2,403514E+22	2,403529E+22	2,474495E+22	2,529593E+22	2,494086E+22	2,377485E+22	2,271032E+22	2,271027E+22	2,377464E+22	2,494055E+22
780	2,529576E+22	2,474546E+22	2,403669E+22	2,403675E+22	2,474601E+22	2,529674E+22	2,494133E+22	2,377507E+22	2,271050E+22	2,271040E+22	2,377483E+22	2,494098E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
781	2,529623E+22	2,474553E+22	2,403643E+22	2,403616E+22	2,474500E+22	2,529576E+22	2,494089E+22	2,377522E+22	2,271098E+22	2,271085E+22	2,377488E+22	2,494058E+22
782	2,529570E+22	2,474493E+22	2,403582E+22	2,403599E+22	2,474516E+22	2,529589E+22	2,494097E+22	2,377540E+22	2,271131E+22	2,271123E+22	2,377506E+22	2,494061E+22
783	2,529604E+22	2,474600E+22	2,403727E+22	2,403732E+22	2,474624E+22	2,529649E+22	2,494110E+22	2,377541E+22	2,271146E+22	2,271159E+22	2,377567E+22	2,494116E+22
784	2,529600E+22	2,474533E+22	2,403633E+22	2,403624E+22	2,474525E+22	2,529582E+22	2,494076E+22	2,377531E+22	2,271146E+22	2,271155E+22	2,377555E+22	2,494099E+22
785	2,529583E+22	2,474525E+22	2,403670E+22	2,403702E+22	2,474596E+22	2,529640E+22	2,494120E+22	2,377551E+22	2,271145E+22	2,271143E+22	2,377555E+22	2,494148E+22
786	2,529686E+22	2,474633E+22	2,403737E+22	2,403742E+22	2,474617E+22	2,529637E+22	2,494115E+22	2,377560E+22	2,271169E+22	2,271176E+22	2,377575E+22	2,494128E+22
787	2,529632E+22	2,474567E+22	2,403638E+22	2,403605E+22	2,474510E+22	2,529596E+22	2,494120E+22	2,377575E+22	2,271167E+22	2,271148E+22	2,377525E+22	2,494070E+22
788	2,529592E+22	2,474596E+22	2,403764E+22	2,403761E+22	2,474622E+22	2,529656E+22	2,494139E+22	2,377576E+22	2,271167E+22	2,271151E+22	2,377536E+22	2,494104E+22
789	2,529639E+22	2,474612E+22	2,403744E+22	2,403734E+22	2,474582E+22	2,529590E+22	2,494076E+22	2,377544E+22	2,271169E+22	2,271172E+22	2,377549E+22	2,494077E+22
790	2,529567E+22	2,474504E+22	2,403608E+22	2,403631E+22	2,474555E+22	2,529608E+22	2,494089E+22	2,377533E+22	2,271146E+22	2,271154E+22	2,377538E+22	2,494077E+22
791	2,529586E+22	2,474567E+22	2,403712E+22	2,403726E+22	2,474637E+22	2,529683E+22	2,494136E+22	2,377539E+22	2,271119E+22	2,271126E+22	2,377553E+22	2,494134E+22
792	2,529627E+22	2,474536E+22	2,403622E+22	2,403606E+22	2,474503E+22	2,529576E+22	2,494086E+22	2,377526E+22	2,271107E+22	2,271094E+22	2,377500E+22	2,494074E+22
793	2,529580E+22	2,474502E+22	2,403604E+22	2,403618E+22	2,474524E+22	2,529590E+22	2,494093E+22	2,377527E+22	2,271099E+22	2,271079E+22	2,377487E+22	2,494087E+22
794	2,529643E+22	2,474607E+22	2,403701E+22	2,403691E+22	2,474579E+22	2,529603E+22	2,494070E+22	2,377500E+22	2,271096E+22	2,271108E+22	2,377525E+22	2,494089E+22
795	2,529591E+22	2,474525E+22	2,403597E+22	2,403558E+22	2,474471E+22	2,529559E+22	2,494062E+22	2,377489E+22	2,271070E+22	2,271071E+22	2,377484E+22	2,494046E+22
796	2,529540E+22	2,474499E+22	2,403656E+22	2,403685E+22	2,474588E+22	2,529641E+22	2,494103E+22	2,377499E+22	2,271065E+22	2,271061E+22	2,377491E+22	2,494097E+22
797	2,529635E+22	2,474572E+22	2,403673E+22	2,403682E+22	2,474573E+22	2,529602E+22	2,494071E+22	2,377493E+22	2,271078E+22	2,271084E+22	2,377505E+22	2,494080E+22
798	2,529586E+22	2,474495E+22	2,403551E+22	2,403553E+22	2,474503E+22	2,529592E+22	2,494090E+22	2,377521E+22	2,271105E+22	2,271096E+22	2,377490E+22	2,494051E+22
799	2,529572E+22	2,474554E+22	2,403693E+22	2,403691E+22	2,474598E+22	2,529666E+22	2,494145E+22	2,377557E+22	2,271130E+22	2,271117E+22	2,377525E+22	2,494108E+22
800	2,529627E+22	2,474570E+22	2,403679E+22	2,403657E+22	2,474519E+22	2,529563E+22	2,494078E+22	2,377548E+22	2,271157E+22	2,271149E+22	2,377527E+22	2,494062E+22
801	2,529559E+22	2,474503E+22	2,403632E+22	2,403659E+22	2,474551E+22	2,529589E+22	2,494086E+22	2,377555E+22	2,271176E+22	2,271172E+22	2,377553E+22	2,494103E+22
802	2,529626E+22	2,474608E+22	2,403747E+22	2,403761E+22	2,474648E+22	2,529655E+22	2,494104E+22	2,377546E+22	2,271179E+22	2,271208E+22	2,377611E+22	2,494153E+22
803	2,529641E+22	2,474577E+22	2,403673E+22	2,403640E+22	2,474523E+22	2,529592E+22	2,494108E+22	2,377567E+22	2,271179E+22	2,271180E+22	2,377562E+22	2,494098E+22
804	2,529592E+22	2,474554E+22	2,403715E+22	2,403736E+22	2,474610E+22	2,529648E+22	2,494141E+22	2,377597E+22	2,271202E+22	2,271181E+22	2,377554E+22	2,494122E+22
805	2,529679E+22	2,474672E+22	2,403801E+22	2,403785E+22	2,474625E+22	2,529619E+22	2,494100E+22	2,377579E+22	2,271215E+22	2,271214E+22	2,377577E+22	2,494102E+22
806	2,529612E+22	2,474583E+22	2,403695E+22	2,403666E+22	2,474541E+22	2,529588E+22	2,494097E+22	2,377584E+22	2,271224E+22	2,271218E+22	2,377558E+22	2,494058E+22
807	2,529557E+22	2,474567E+22	2,403769E+22	2,403793E+22	2,474657E+22	2,529679E+22	2,494150E+22	2,377596E+22	2,271213E+22	2,271210E+22	2,377584E+22	2,494125E+22
808	2,529636E+22	2,474596E+22	2,403738E+22	2,403751E+22	2,474608E+22	2,529613E+22	2,494094E+22	2,377562E+22	2,271194E+22	2,271201E+22	2,377572E+22	2,494090E+22
809	2,529574E+22	2,474511E+22	2,403626E+22	2,403649E+22	2,474562E+22	2,529616E+22	2,494109E+22	2,377568E+22	2,271180E+22	2,271172E+22	2,377554E+22	2,494106E+22
810	2,529619E+22	2,474589E+22	2,403722E+22	2,403723E+22	2,474623E+22	2,529667E+22	2,494131E+22	2,377562E+22	2,271166E+22	2,271170E+22	2,377574E+22	2,494143E+22
811	2,529656E+22	2,474586E+22	2,403673E+22	2,403621E+22	2,474482E+22	2,529560E+22	2,494096E+22	2,377556E+22	2,271152E+22	2,271136E+22	2,377513E+22	2,494058E+22
812	2,529565E+22	2,474513E+22	2,403652E+22	2,403673E+22	2,474548E+22	2,529583E+22	2,494085E+22	2,377546E+22	2,271147E+22	2,271130E+22	2,377512E+22	2,494076E+22
813	2,529625E+22	2,474617E+22	2,403741E+22	2,403738E+22	2,474611E+22	2,529605E+22	2,494050E+22	2,377494E+22	2,271119E+22	2,271142E+22	2,377550E+22	2,494098E+22
814	2,529593E+22	2,474535E+22	2,403630E+22	2,403599E+22	2,474505E+22	2,529580E+22	2,494063E+22	2,377497E+22	2,271105E+22	2,271117E+22	2,377512E+22	2,494056E+22
815	2,529543E+22	2,474493E+22	2,403658E+22	2,403691E+22	2,474597E+22	2,529662E+22	2,494138E+22	2,377546E+22	2,271116E+22	2,271102E+22	2,377511E+22	2,494104E+22
816	2,529650E+22	2,474592E+22	2,403695E+22	2,403701E+22	2,474580E+22	2,529605E+22	2,494089E+22	2,377537E+22	2,271136E+22	2,271125E+22	2,377509E+22	2,494062E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
817	2,529580E+22	2,474524E+22	2,403612E+22	2,403604E+22	2,474512E+22	2,529578E+22	2,494089E+22	2,377560E+22	2,271170E+22	2,271150E+22	2,377518E+22	2,494059E+22
818	2,529573E+22	2,474563E+22	2,403723E+22	2,403728E+22	2,474612E+22	2,529649E+22	2,494124E+22	2,377574E+22	2,271193E+22	2,271196E+22	2,377581E+22	2,494128E+22
819	2,529638E+22	2,474594E+22	2,403722E+22	2,403695E+22	2,474538E+22	2,529577E+22	2,494093E+22	2,377568E+22	2,271200E+22	2,271205E+22	2,377571E+22	2,494080E+22
820	2,529558E+22	2,474507E+22	2,403664E+22	2,403702E+22	2,474582E+22	2,529608E+22	2,494104E+22	2,377583E+22	2,271217E+22	2,271215E+22	2,377581E+22	2,494113E+22
821	2,529640E+22	2,474638E+22	2,403784E+22	2,403789E+22	2,474659E+22	2,529655E+22	2,494107E+22	2,377569E+22	2,271215E+22	2,271236E+22	2,377621E+22	2,494157E+22
822	2,529661E+22	2,474621E+22	2,403731E+22	2,403684E+22	2,474540E+22	2,529592E+22	2,494103E+22	2,377591E+22	2,271239E+22	2,271235E+22	2,377575E+22	2,494082E+22
823	2,529581E+22	2,474565E+22	2,403748E+22	2,403766E+22	2,474619E+22	2,529649E+22	2,494155E+22	2,377637E+22	2,271265E+22	2,271242E+22	2,377581E+22	2,494112E+22
824	2,529663E+22	2,474674E+22	2,403832E+22	2,403836E+22	2,474659E+22	2,529623E+22	2,494098E+22	2,377600E+22	2,271261E+22	2,271263E+22	2,377603E+22	2,494096E+22
825	2,529591E+22	2,474576E+22	2,403724E+22	2,403717E+22	2,474578E+22	2,529604E+22	2,494099E+22	2,377598E+22	2,271258E+22	2,271257E+22	2,377600E+22	2,494095E+22
826	2,529569E+22	2,474555E+22	2,403755E+22	2,403793E+22	2,474663E+22	2,529687E+22	2,494159E+22	2,377614E+22	2,271246E+22	2,271252E+22	2,377623E+22	2,494159E+22
827	2,529673E+22	2,474629E+22	2,403756E+22	2,403744E+22	2,474585E+22	2,529614E+22	2,494126E+22	2,377600E+22	2,271228E+22	2,271224E+22	2,377581E+22	2,494090E+22
828	2,529584E+22	2,474538E+22	2,403661E+22	2,403669E+22	2,474553E+22	2,529601E+22	2,494113E+22	2,377602E+22	2,271230E+22	2,271208E+22	2,377556E+22	2,494083E+22
829	2,529619E+22	2,474634E+22	2,403780E+22	2,403758E+22	2,474616E+22	2,529633E+22	2,494100E+22	2,377564E+22	2,271200E+22	2,271207E+22	2,377584E+22	2,494128E+22
830	2,529647E+22	2,474613E+22	2,403734E+22	2,403687E+22	2,474514E+22	2,529550E+22	2,494061E+22	2,377549E+22	2,271193E+22	2,271191E+22	2,377541E+22	2,494049E+22
831	2,529540E+22	2,474498E+22	2,403666E+22	2,403711E+22	2,474588E+22	2,529613E+22	2,494100E+22	2,377563E+22	2,271181E+22	2,271173E+22	2,377545E+22	2,494088E+22
832	2,529623E+22	2,474610E+22	2,403750E+22	2,403773E+22	2,474647E+22	2,529635E+22	2,494077E+22	2,377520E+22	2,271146E+22	2,271163E+22	2,377559E+22	2,494099E+22
833	2,529595E+22	2,474545E+22	2,403655E+22	2,403634E+22	2,474526E+22	2,529598E+22	2,494094E+22	2,377545E+22	2,271153E+22	2,271148E+22	2,377532E+22	2,494074E+22
834	2,529559E+22	2,474509E+22	2,403668E+22	2,403697E+22	2,474591E+22	2,529657E+22	2,494151E+22	2,377591E+22	2,271188E+22	2,271171E+22	2,377547E+22	2,494110E+22
835	2,529661E+22	2,474631E+22	2,403743E+22	2,403720E+22	2,474560E+22	2,529592E+22	2,494107E+22	2,377579E+22	2,271202E+22	2,271193E+22	2,377546E+22	2,494056E+22
836	2,529561E+22	2,474530E+22	2,403656E+22	2,403660E+22	2,474536E+22	2,529569E+22	2,494079E+22	2,377584E+22	2,271233E+22	2,271224E+22	2,377566E+22	2,494066E+22
837	2,529572E+22	2,474584E+22	2,403761E+22	2,403769E+22	2,474633E+22	2,529643E+22	2,494096E+22	2,377563E+22	2,271220E+22	2,271244E+22	2,377624E+22	2,494157E+22
838	2,529660E+22	2,474620E+22	2,403759E+22	2,403736E+22	2,474563E+22	2,529584E+22	2,494084E+22	2,377572E+22	2,271234E+22	2,271249E+22	2,377600E+22	2,494098E+22
839	2,529577E+22	2,474526E+22	2,403684E+22	2,403722E+22	2,474595E+22	2,529624E+22	2,494131E+22	2,377622E+22	2,271260E+22	2,271247E+22	2,377594E+22	2,494117E+22
840	2,529656E+22	2,474670E+22	2,403828E+22	2,403830E+22	2,474672E+22	2,529654E+22	2,494118E+22	2,377603E+22	2,271261E+22	2,271264E+22	2,377613E+22	2,494128E+22
841	2,529647E+22	2,474648E+22	2,403797E+22	2,403754E+22	2,474567E+22	2,529592E+22	2,494110E+22	2,377625E+22	2,271290E+22	2,271278E+22	2,377597E+22	2,494078E+22
842	2,529564E+22	2,474562E+22	2,403767E+22	2,403805E+22	2,474646E+22	2,529653E+22	2,494153E+22	2,377659E+22	2,271322E+22	2,271310E+22	2,377627E+22	2,494119E+22
843	2,529653E+22	2,474679E+22	2,403854E+22	2,403856E+22	2,474673E+22	2,529650E+22	2,494131E+22	2,377629E+22	2,271302E+22	2,271311E+22	2,377638E+22	2,494106E+22
844	2,529582E+22	2,474568E+22	2,403734E+22	2,403741E+22	2,474596E+22	2,529619E+22	2,494125E+22	2,377638E+22	2,271305E+22	2,271300E+22	2,377624E+22	2,494103E+22
845	2,529586E+22	2,474584E+22	2,403771E+22	2,403795E+22	2,474649E+22	2,529668E+22	2,494153E+22	2,377634E+22	2,271285E+22	2,271286E+22	2,377640E+22	2,494168E+22
846	2,529695E+22	2,474673E+22	2,403802E+22	2,403770E+22	2,474579E+22	2,529590E+22	2,494106E+22	2,377617E+22	2,271283E+22	2,271278E+22	2,377602E+22	2,494085E+22
847	2,529579E+22	2,474556E+22	2,403696E+22	2,403700E+22	2,474556E+22	2,529586E+22	2,494109E+22	2,377622E+22	2,271275E+22	2,271259E+22	2,377587E+22	2,494083E+22
848	2,529607E+22	2,474637E+22	2,403817E+22	2,403818E+22	2,474651E+22	2,529629E+22	2,494084E+22	2,377563E+22	2,271225E+22	2,271241E+22	2,377605E+22	2,494126E+22
849	2,529632E+22	2,474615E+22	2,403769E+22	2,403749E+22	2,474564E+22	2,529577E+22	2,494068E+22	2,377552E+22	2,271205E+22	2,271214E+22	2,377573E+22	2,494079E+22
850	2,529551E+22	2,474495E+22	2,403657E+22	2,403716E+22	2,474602E+22	2,529635E+22	2,494125E+22	2,377590E+22	2,271215E+22	2,271209E+22	2,377572E+22	2,494104E+22
851	2,529643E+22	2,474641E+22	2,403772E+22	2,403775E+22	2,474637E+22	2,529651E+22	2,494123E+22	2,377572E+22	2,271195E+22	2,271194E+22	2,377563E+22	2,494088E+22
852	2,529592E+22	2,474566E+22	2,403692E+22	2,403666E+22	2,474527E+22	2,529586E+22	2,494105E+22	2,377593E+22	2,271224E+22	2,271204E+22	2,377544E+22	2,494051E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
853	2,529551E+22	2,474540E+22	2,403710E+22	2,403727E+22	2,474583E+22	2,529622E+22	2,494125E+22	2,377605E+22	2,271242E+22	2,271233E+22	2,377584E+22	2,494112E+22
854	2,529653E+22	2,474651E+22	2,403792E+22	2,403778E+22	2,474589E+22	2,529580E+22	2,494076E+22	2,377582E+22	2,271256E+22	2,271264E+22	2,377597E+22	2,494071E+22
855	2,529551E+22	2,474526E+22	2,403672E+22	2,403692E+22	2,474565E+22	2,529589E+22	2,494091E+22	2,377599E+22	2,271268E+22	2,271273E+22	2,377611E+22	2,494095E+22
856	2,529587E+22	2,474595E+22	2,403786E+22	2,403810E+22	2,474660E+22	2,529655E+22	2,494112E+22	2,377585E+22	2,271247E+22	2,271266E+22	2,377635E+22	2,494165E+22
857	2,529678E+22	2,474656E+22	2,403806E+22	2,403786E+22	2,474592E+22	2,529598E+22	2,494103E+22	2,377608E+22	2,271272E+22	2,271274E+22	2,377614E+22	2,494108E+22
858	2,529593E+22	2,474557E+22	2,403714E+22	2,403744E+22	2,474599E+22	2,529624E+22	2,494147E+22	2,377666E+22	2,271328E+22	2,271306E+22	2,377617E+22	2,494108E+22
859	2,529652E+22	2,474705E+22	2,403885E+22	2,403868E+22	2,474675E+22	2,529656E+22	2,494144E+22	2,377649E+22	2,271324E+22	2,271323E+22	2,377637E+22	2,494111E+22
860	2,529614E+22	2,474642E+22	2,403834E+22	2,403814E+22	2,474606E+22	2,529598E+22	2,494114E+22	2,377659E+22	2,271355E+22	2,271347E+22	2,377636E+22	2,494077E+22
861	2,529554E+22	2,474568E+22	2,403780E+22	2,403825E+22	2,474662E+22	2,529656E+22	2,494147E+22	2,377665E+22	2,271356E+22	2,271361E+22	2,377673E+22	2,494148E+22
862	2,529667E+22	2,474696E+22	2,403873E+22	2,403874E+22	2,474681E+22	2,529646E+22	2,494128E+22	2,377647E+22	2,271345E+22	2,271355E+22	2,377669E+22	2,494125E+22
863	2,529597E+22	2,474585E+22	2,403746E+22	2,403744E+22	2,474588E+22	2,529613E+22	2,494138E+22	2,377672E+22	2,271349E+22	2,271335E+22	2,377643E+22	2,494112E+22
864	2,529603E+22	2,474616E+22	2,403817E+22	2,403831E+22	2,474646E+22	2,529640E+22	2,494138E+22	2,377648E+22	2,271319E+22	2,271313E+22	2,377640E+22	2,494152E+22
865	2,529688E+22	2,474701E+22	2,403863E+22	2,403837E+22	2,474609E+22	2,529580E+22	2,494090E+22	2,377622E+22	2,271307E+22	2,271310E+22	2,377628E+22	2,494092E+22
866	2,529569E+22	2,474559E+22	2,403719E+22	2,403741E+22	2,474591E+22	2,529597E+22	2,494105E+22	2,377629E+22	2,271307E+22	2,271304E+22	2,377623E+22	2,494094E+22
867	2,529602E+22	2,474645E+22	2,403841E+22	2,403841E+22	2,474673E+22	2,529665E+22	2,494122E+22	2,377587E+22	2,271247E+22	2,271263E+22	2,377620E+22	2,494126E+22
868	2,529620E+22	2,474608E+22	2,403782E+22	2,403779E+22	2,474594E+22	2,529603E+22	2,494107E+22	2,377600E+22	2,271252E+22	2,271247E+22	2,377580E+22	2,494071E+22
869	2,529560E+22	2,474523E+22	2,403669E+22	2,403716E+22	2,474596E+22	2,529627E+22	2,494131E+22	2,377622E+22	2,271265E+22	2,271251E+22	2,377588E+22	2,494103E+22
870	2,529646E+22	2,474670E+22	2,403810E+22	2,403795E+22	2,474630E+22	2,529627E+22	2,494113E+22	2,377608E+22	2,271268E+22	2,271260E+22	2,377592E+22	2,494081E+22
871	2,529577E+22	2,474573E+22	2,403720E+22	2,403695E+22	2,474531E+22	2,529569E+22	2,494102E+22	2,377625E+22	2,271287E+22	2,271274E+22	2,377593E+22	2,494065E+22
872	2,529544E+22	2,474543E+22	2,403747E+22	2,403781E+22	2,474608E+22	2,529604E+22	2,494100E+22	2,377606E+22	2,271276E+22	2,271282E+22	2,377622E+22	2,494132E+22
873	2,529657E+22	2,474663E+22	2,403830E+22	2,403831E+22	2,474630E+22	2,529597E+22	2,494078E+22	2,377584E+22	2,271269E+22	2,271295E+22	2,377641E+22	2,494114E+22
874	2,529579E+22	2,474547E+22	2,403688E+22	2,403707E+22	2,474577E+22	2,529602E+22	2,494111E+22	2,377627E+22	2,271302E+22	2,271305E+22	2,377634E+22	2,494112E+22
875	2,529615E+22	2,474646E+22	2,403834E+22	2,403828E+22	2,474659E+22	2,529667E+22	2,494149E+22	2,377632E+22	2,271294E+22	2,271293E+22	2,377629E+22	2,494143E+22
876	2,529670E+22	2,474686E+22	2,403866E+22	2,403845E+22	2,474619E+22	2,529599E+22	2,494118E+22	2,377659E+22	2,271345E+22	2,271329E+22	2,377615E+22	2,494073E+22
877	2,529576E+22	2,474587E+22	2,403763E+22	2,403789E+22	2,474616E+22	2,529609E+22	2,494133E+22	2,377688E+22	2,271388E+22	2,271373E+22	2,377653E+22	2,494102E+22
878	2,529626E+22	2,474706E+22	2,403925E+22	2,403924E+22	2,474714E+22	2,529659E+22	2,494134E+22	2,377672E+22	2,271389E+22	2,271393E+22	2,377686E+22	2,494123E+22
879	2,529596E+22	2,474624E+22	2,403836E+22	2,403835E+22	2,474632E+22	2,529620E+22	2,494139E+22	2,377693E+22	2,271403E+22	2,271403E+22	2,377685E+22	2,494110E+22
880	2,529564E+22	2,474566E+22	2,403791E+22	2,403846E+22	2,474669E+22	2,529652E+22	2,494156E+22	2,377693E+22	2,271392E+22	2,271392E+22	2,377694E+22	2,494167E+22
881	2,529690E+22	2,474727E+22	2,403908E+22	2,403902E+22	2,474692E+22	2,529646E+22	2,494134E+22	2,377670E+22	2,271376E+22	2,271387E+22	2,377696E+22	2,494148E+22
882	2,529619E+22	2,474619E+22	2,403776E+22	2,403753E+22	2,474577E+22	2,529596E+22	2,494134E+22	2,377695E+22	2,271396E+22	2,271384E+22	2,377668E+22	2,494115E+22
883	2,529608E+22	2,474653E+22	2,403872E+22	2,403867E+22	2,474654E+22	2,529635E+22	2,494140E+22	2,377666E+22	2,271355E+22	2,271349E+22	2,377656E+22	2,494142E+22
884	2,529667E+22	2,474700E+22	2,403900E+22	2,403900E+22	2,474661E+22	2,529592E+22	2,494085E+22	2,377633E+22	2,271342E+22	2,271346E+22	2,377642E+22	2,494086E+22
885	2,529566E+22	2,474567E+22	2,403728E+22	2,403755E+22	2,474611E+22	2,529608E+22	2,494107E+22	2,377633E+22	2,271324E+22	2,271330E+22	2,377645E+22	2,494109E+22
886	2,529607E+22	2,474655E+22	2,403858E+22	2,403857E+22	2,474684E+22	2,529669E+22	2,494136E+22	2,377624E+22	2,271292E+22	2,271291E+22	2,377628E+22	2,494124E+22
887	2,529618E+22	2,474617E+22	2,403793E+22	2,403779E+22	2,474588E+22	2,529601E+22	2,494130E+22	2,377651E+22	2,271312E+22	2,271289E+22	2,377593E+22	2,494066E+22
888	2,529556E+22	2,474539E+22	2,403711E+22	2,403746E+22	2,474587E+22	2,529595E+22	2,494119E+22	2,377648E+22	2,271318E+22	2,271298E+22	2,377602E+22	2,494092E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
889	2,529634E+22	2,474686E+22	2,403862E+22	2,403851E+22	2,474657E+22	2,529615E+22	2,494094E+22	2,377614E+22	2,271303E+22	2,271314E+22	2,377641E+22	2,494103E+22
890	2,529573E+22	2,474576E+22	2,403741E+22	2,403725E+22	2,474557E+22	2,529573E+22	2,494094E+22	2,377634E+22	2,271328E+22	2,271332E+22	2,377643E+22	2,494095E+22
891	2,529557E+22	2,474564E+22	2,403782E+22	2,403809E+22	2,474629E+22	2,529628E+22	2,494124E+22	2,377628E+22	2,271305E+22	2,271310E+22	2,377644E+22	2,494146E+22
892	2,529665E+22	2,474678E+22	2,403864E+22	2,403877E+22	2,474667E+22	2,529616E+22	2,494104E+22	2,377629E+22	2,271320E+22	2,271329E+22	2,377643E+22	2,494108E+22
893	2,529599E+22	2,474593E+22	2,403728E+22	2,403728E+22	2,474584E+22	2,529599E+22	2,494119E+22	2,377662E+22	2,271358E+22	2,271352E+22	2,377649E+22	2,494106E+22
894	2,529614E+22	2,474680E+22	2,403894E+22	2,403875E+22	2,474672E+22	2,529654E+22	2,494149E+22	2,377679E+22	2,271374E+22	2,271359E+22	2,377653E+22	2,494126E+22
895	2,529641E+22	2,474686E+22	2,403902E+22	2,403891E+22	2,474648E+22	2,529602E+22	2,494128E+22	2,377702E+22	2,271419E+22	2,271406E+22	2,377666E+22	2,494082E+22
896	2,529556E+22	2,474576E+22	2,403794E+22	2,403839E+22	2,474650E+22	2,529611E+22	2,494123E+22	2,377700E+22	2,271432E+22	2,271431E+22	2,377699E+22	2,494126E+22
897	2,529629E+22	2,474702E+22	2,403941E+22	2,403956E+22	2,474748E+22	2,529681E+22	2,494146E+22	2,377683E+22	2,271410E+22	2,271434E+22	2,377739E+22	2,494171E+22
898	2,529628E+22	2,474640E+22	2,403841E+22	2,403831E+22	2,474628E+22	2,529622E+22	2,494157E+22	2,377727E+22	2,271446E+22	2,271442E+22	2,377715E+22	2,494139E+22
899	2,529603E+22	2,474618E+22	2,403836E+22	2,403852E+22	2,474651E+22	2,529639E+22	2,494165E+22	2,377725E+22	2,271433E+22	2,271417E+22	2,377692E+22	2,494154E+22
900	2,529691E+22	2,474757E+22	2,403966E+22	2,403951E+22	2,474707E+22	2,529631E+22	2,494128E+22	2,377697E+22	2,271427E+22	2,271426E+22	2,377693E+22	2,494120E+22
901	2,529615E+22	2,474651E+22	2,403827E+22	2,403797E+22	2,474597E+22	2,529581E+22	2,494108E+22	2,377691E+22	2,271426E+22	2,271424E+22	2,377689E+22	2,494107E+22
902	2,529589E+22	2,474656E+22	2,403910E+22	2,403915E+22	2,474691E+22	2,529642E+22	2,494132E+22	2,377678E+22	2,271391E+22	2,271384E+22	2,377674E+22	2,494139E+22
903	2,529647E+22	2,474682E+22	2,403903E+22	2,403919E+22	2,474693E+22	2,529626E+22	2,494119E+22	2,377670E+22	2,271379E+22	2,271378E+22	2,377663E+22	2,494095E+22
904	2,529564E+22	2,474562E+22	2,403743E+22	2,403774E+22	2,474619E+22	2,529609E+22	2,494121E+22	2,377667E+22	2,271365E+22	2,271356E+22	2,377651E+22	2,494108E+22
905	2,529611E+22	2,474666E+22	2,403882E+22	2,403876E+22	2,474693E+22	2,529671E+22	2,494148E+22	2,377656E+22	2,271336E+22	2,271336E+22	2,377658E+22	2,494133E+22
906	2,529622E+22	2,474632E+22	2,403818E+22	2,403786E+22	2,474573E+22	2,529581E+22	2,494130E+22	2,377687E+22	2,271376E+22	2,271357E+22	2,377636E+22	2,494077E+22
907	2,529557E+22	2,474562E+22	2,403757E+22	2,403776E+22	2,474591E+22	2,529582E+22	2,494108E+22	2,377665E+22	2,271365E+22	2,271352E+22	2,377639E+22	2,494100E+22
908	2,529625E+22	2,474687E+22	2,403896E+22	2,403904E+22	2,474701E+22	2,529625E+22	2,494087E+22	2,377624E+22	2,271344E+22	2,271364E+22	2,377670E+22	2,494119E+22
909	2,529596E+22	2,474601E+22	2,403765E+22	2,403744E+22	2,474574E+22	2,529580E+22	2,494091E+22	2,377636E+22	2,271348E+22	2,271364E+22	2,377671E+22	2,494119E+22
910	2,529582E+22	2,474598E+22	2,403825E+22	2,403841E+22	2,474644E+22	2,529627E+22	2,494133E+22	2,377667E+22	2,271354E+22	2,271338E+22	2,377646E+22	2,494141E+22
911	2,529672E+22	2,474705E+22	2,403903E+22	2,403906E+22	2,474683E+22	2,529623E+22	2,494126E+22	2,377680E+22	2,271385E+22	2,271376E+22	2,377653E+22	2,494094E+22
912	2,529587E+22	2,474610E+22	2,403790E+22	2,403785E+22	2,474599E+22	2,529584E+22	2,494114E+22	2,377695E+22	2,271419E+22	2,271408E+22	2,377668E+22	2,494090E+22
913	2,529592E+22	2,474682E+22	2,403943E+22	2,403942E+22	2,474720E+22	2,529667E+22	2,494150E+22	2,377697E+22	2,271420E+22	2,271426E+22	2,377709E+22	2,494142E+22
914	2,529628E+22	2,474677E+22	2,403915E+22	2,403912E+22	2,474671E+22	2,529620E+22	2,494142E+22	2,377730E+22	2,271474E+22	2,271474E+22	2,377722E+22	2,494114E+22
915	2,529569E+22	2,474588E+22	2,403815E+22	2,403849E+22	2,474660E+22	2,529633E+22	2,494151E+22	2,377734E+22	2,271474E+22	2,271469E+22	2,377726E+22	2,494147E+22
916	2,529647E+22	2,474720E+22	2,403966E+22	2,403982E+22	2,474764E+22	2,529686E+22	2,494161E+22	2,377724E+22	2,271464E+22	2,271471E+22	2,377741E+22	2,494172E+22
917	2,529662E+22	2,474689E+22	2,403876E+22	2,403839E+22	2,474613E+22	2,529598E+22	2,494144E+22	2,377745E+22	2,271491E+22	2,271485E+22	2,377731E+22	2,494137E+22
918	2,529612E+22	2,474658E+22	2,403900E+22	2,403899E+22	2,474654E+22	2,529607E+22	2,494146E+22	2,377751E+22	2,271489E+22	2,271463E+22	2,377707E+22	2,494138E+22
919	2,529670E+22	2,474760E+22	2,404004E+22	2,404000E+22	2,474738E+22	2,529631E+22	2,494120E+22	2,377715E+22	2,271473E+22	2,271477E+22	2,377725E+22	2,494119E+22
920	2,529590E+22	2,474638E+22	2,403861E+22	2,403849E+22	2,474632E+22	2,529591E+22	2,494099E+22	2,377689E+22	2,271446E+22	2,271454E+22	2,377711E+22	2,494115E+22
921	2,529585E+22	2,474649E+22	2,403923E+22	2,403946E+22	2,474728E+22	2,529675E+22	2,494153E+22	2,377687E+22	2,271401E+22	2,271408E+22	2,377702E+22	2,494155E+22
922	2,529657E+22	2,474687E+22	2,403903E+22	2,403910E+22	2,474687E+22	2,529634E+22	2,494145E+22	2,377713E+22	2,271428E+22	2,271415E+22	2,377678E+22	2,494101E+22
923	2,529581E+22	2,474594E+22	2,403776E+22	2,403776E+22	2,474604E+22	2,529604E+22	2,494132E+22	2,377706E+22	2,271419E+22	2,271395E+22	2,377656E+22	2,494093E+22
924	2,529603E+22	2,474678E+22	2,403922E+22	2,403918E+22	2,474706E+22	2,529657E+22	2,494141E+22	2,377686E+22	2,271398E+22	2,271392E+22	2,377672E+22	2,494122E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
925	2,529623E+22	2,474652E+22	2,403851E+22	2,403819E+22	2,474586E+22	2,529565E+22	2,494102E+22	2,377684E+22	2,271414E+22	2,271415E+22	2,377682E+22	2,494096E+22
926	2,529558E+22	2,474572E+22	2,403796E+22	2,403822E+22	2,474619E+22	2,529581E+22	2,494098E+22	2,377678E+22	2,271402E+22	2,271393E+22	2,377671E+22	2,494117E+22
927	2,529628E+22	2,474687E+22	2,403913E+22	2,403930E+22	2,474728E+22	2,529651E+22	2,494114E+22	2,377658E+22	2,271383E+22	2,271400E+22	2,377695E+22	2,494135E+22
928	2,529608E+22	2,474620E+22	2,403808E+22	2,403783E+22	2,474590E+22	2,529584E+22	2,494101E+22	2,377665E+22	2,271389E+22	2,271392E+22	2,377675E+22	2,494115E+22
929	2,529594E+22	2,474628E+22	2,403871E+22	2,403879E+22	2,474667E+22	2,529641E+22	2,494149E+22	2,377697E+22	2,271401E+22	2,271389E+22	2,377672E+22	2,494134E+22
930	2,529667E+22	2,474724E+22	2,403943E+22	2,403937E+22	2,474690E+22	2,529622E+22	2,494139E+22	2,377728E+22	2,271462E+22	2,271450E+22	2,377694E+22	2,494097E+22
931	2,529579E+22	2,474625E+22	2,403836E+22	2,403828E+22	2,474622E+22	2,529588E+22	2,494113E+22	2,377723E+22	2,271479E+22	2,271471E+22	2,377707E+22	2,494098E+22
932	2,529578E+22	2,474669E+22	2,403961E+22	2,403985E+22	2,474761E+22	2,529689E+22	2,494160E+22	2,377723E+22	2,271473E+22	2,271483E+22	2,377742E+22	2,494162E+22
933	2,529654E+22	2,474697E+22	2,403928E+22	2,403919E+22	2,474672E+22	2,529621E+22	2,494146E+22	2,377746E+22	2,271508E+22	2,271518E+22	2,377759E+22	2,494143E+22
934	2,529601E+22	2,474628E+22	2,403855E+22	2,403869E+22	2,474649E+22	2,529608E+22	2,494149E+22	2,377772E+22	2,271526E+22	2,271503E+22	2,377734E+22	2,494144E+22
935	2,529658E+22	2,474753E+22	2,404009E+22	2,404008E+22	2,474763E+22	2,529674E+22	2,494164E+22	2,377761E+22	2,271523E+22	2,271519E+22	2,377754E+22	2,494158E+22
936	2,529651E+22	2,474714E+22	2,403947E+22	2,403904E+22	2,474628E+22	2,529573E+22	2,494116E+22	2,377749E+22	2,271528E+22	2,271525E+22	2,377744E+22	2,494121E+22
937	2,529595E+22	2,474664E+22	2,403947E+22	2,403968E+22	2,474708E+22	2,529626E+22	2,494137E+22	2,377743E+22	2,271507E+22	2,271507E+22	2,377745E+22	2,494142E+22
938	2,529653E+22	2,474749E+22	2,404014E+22	2,404025E+22	2,474770E+22	2,529664E+22	2,494143E+22	2,377738E+22	2,271507E+22	2,271518E+22	2,377758E+22	2,494138E+22
939	2,529594E+22	2,474640E+22	2,403872E+22	2,403861E+22	2,474649E+22	2,529622E+22	2,494133E+22	2,377726E+22	2,271481E+22	2,271479E+22	2,377722E+22	2,494118E+22
940	2,529588E+22	2,474648E+22	2,403929E+22	2,403961E+22	2,474743E+22	2,529693E+22	2,494182E+22	2,377737E+22	2,271461E+22	2,271447E+22	2,377702E+22	2,494146E+22
941	2,529675E+22	2,474717E+22	2,403922E+22	2,403907E+22	2,474663E+22	2,529614E+22	2,494143E+22	2,377740E+22	2,271483E+22	2,271473E+22	2,377708E+22	2,494104E+22
942	2,529584E+22	2,474621E+22	2,403824E+22	2,403812E+22	2,474594E+22	2,529564E+22	2,494113E+22	2,377736E+22	2,271479E+22	2,271453E+22	2,377688E+22	2,494093E+22
943	2,529592E+22	2,474681E+22	2,403948E+22	2,403955E+22	2,474726E+22	2,529651E+22	2,494126E+22	2,377698E+22	2,271445E+22	2,271452E+22	2,377719E+22	2,494141E+22
944	2,529620E+22	2,474653E+22	2,403884E+22	2,403863E+22	2,474610E+22	2,529566E+22	2,494085E+22	2,377673E+22	2,271428E+22	2,271445E+22	2,377713E+22	2,494121E+22
945	2,529581E+22	2,474591E+22	2,403825E+22	2,403861E+22	2,474652E+22	2,529607E+22	2,494113E+22	2,377680E+22	2,271409E+22	2,271416E+22	2,377697E+22	2,494133E+22
946	2,529651E+22	2,474718E+22	2,403939E+22	2,403941E+22	2,474724E+22	2,529657E+22	2,494137E+22	2,377701E+22	2,271433E+22	2,271433E+22	2,377703E+22	2,494130E+22
947	2,529620E+22	2,474661E+22	2,403862E+22	2,403817E+22	2,474596E+22	2,529587E+22	2,494114E+22	2,377707E+22	2,271449E+22	2,271436E+22	2,377676E+22	2,494085E+22
948	2,529574E+22	2,474640E+22	2,403920E+22	2,403942E+22	2,474703E+22	2,529648E+22	2,494155E+22	2,377736E+22	2,271472E+22	2,271452E+22	2,377684E+22	2,494111E+22
949	2,529652E+22	2,474731E+22	2,403972E+22	2,403973E+22	2,474711E+22	2,529622E+22	2,494130E+22	2,377743E+22	2,271516E+22	2,271521E+22	2,377746E+22	2,494113E+22
950	2,529574E+22	2,474628E+22	2,403866E+22	2,403869E+22	2,474641E+22	2,529589E+22	2,494123E+22	2,377759E+22	2,271534E+22	2,271525E+22	2,377747E+22	2,494119E+22
951	2,529585E+22	2,474670E+22	2,403969E+22	2,404002E+22	2,474772E+22	2,529699E+22	2,494183E+22	2,377767E+22	2,271530E+22	2,271536E+22	2,377777E+22	2,494181E+22
952	2,529668E+22	2,474721E+22	2,403969E+22	2,403949E+22	2,474671E+22	2,529606E+22	2,494140E+22	2,377768E+22	2,271553E+22	2,271558E+22	2,377778E+22	2,494150E+22
953	2,529620E+22	2,474669E+22	2,403910E+22	2,403913E+22	2,474665E+22	2,529606E+22	2,494144E+22	2,377779E+22	2,271561E+22	2,271555E+22	2,377767E+22	2,494142E+22
954	2,529655E+22	2,474777E+22	2,404055E+22	2,404046E+22	2,474770E+22	2,529665E+22	2,494162E+22	2,377786E+22	2,271576E+22	2,271578E+22	2,377790E+22	2,494162E+22
955	2,529643E+22	2,474726E+22	2,403988E+22	2,403958E+22	2,474670E+22	2,529592E+22	2,494112E+22	2,377757E+22	2,271562E+22	2,271565E+22	2,377767E+22	2,494122E+22
956	2,529582E+22	2,474653E+22	2,403958E+22	2,404010E+22	2,474758E+22	2,529666E+22	2,494161E+22	2,377765E+22	2,271540E+22	2,271537E+22	2,377754E+22	2,494147E+22
957	2,529668E+22	2,474760E+22	2,404015E+22	2,404025E+22	2,474770E+22	2,529675E+22	2,494165E+22	2,377765E+22	2,271538E+22	2,271548E+22	2,377778E+22	2,494151E+22
958	2,529613E+22	2,474668E+22	2,403900E+22	2,403875E+22	2,474631E+22	2,529599E+22	2,494147E+22	2,377779E+22	2,271537E+22	2,271512E+22	2,377726E+22	2,494107E+22
959	2,529586E+22	2,474664E+22	2,403950E+22	2,403974E+22	2,474730E+22	2,529676E+22	2,494188E+22	2,377779E+22	2,271526E+22	2,271505E+22	2,377727E+22	2,494135E+22
960	2,529656E+22	2,474730E+22	2,403974E+22	2,403955E+22	2,474666E+22	2,529583E+22	2,494112E+22	2,377740E+22	2,271521E+22	2,271524E+22	2,377742E+22	2,494106E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
961	2,529577E+22	2,474631E+22	2,403860E+22	2,403863E+22	2,474631E+22	2,529572E+22	2,494094E+22	2,377715E+22	2,271492E+22	2,271502E+22	2,377737E+22	2,494112E+22
962	2,529593E+22	2,474686E+22	2,403964E+22	2,403976E+22	2,474742E+22	2,529668E+22	2,494141E+22	2,377715E+22	2,271474E+22	2,271489E+22	2,377753E+22	2,494168E+22
963	2,529642E+22	2,474677E+22	2,403911E+22	2,403893E+22	2,474634E+22	2,529587E+22	2,494103E+22	2,377698E+22	2,271456E+22	2,271461E+22	2,377712E+22	2,494117E+22
964	2,529590E+22	2,474612E+22	2,403852E+22	2,403895E+22	2,474678E+22	2,529626E+22	2,494141E+22	2,377727E+22	2,271465E+22	2,271447E+22	2,377686E+22	2,494111E+22
965	2,529657E+22	2,474751E+22	2,403979E+22	2,403964E+22	2,474720E+22	2,529649E+22	2,494147E+22	2,377737E+22	2,271494E+22	2,271493E+22	2,377729E+22	2,494121E+22
966	2,529608E+22	2,474682E+22	2,403917E+22	2,403873E+22	2,474603E+22	2,529561E+22	2,494113E+22	2,377754E+22	2,271522E+22	2,271504E+22	2,377712E+22	2,494079E+22
967	2,529548E+22	2,474628E+22	2,403935E+22	2,403981E+22	2,474735E+22	2,529658E+22	2,494160E+22	2,377767E+22	2,271539E+22	2,271531E+22	2,377744E+22	2,494130E+22
968	2,529637E+22	2,474725E+22	2,403997E+22	2,404009E+22	2,474731E+22	2,529626E+22	2,494125E+22	2,377747E+22	2,271547E+22	2,271570E+22	2,377792E+22	2,494146E+22
969	2,529600E+22	2,474650E+22	2,403891E+22	2,403896E+22	2,474659E+22	2,529601E+22	2,494131E+22	2,377767E+22	2,271559E+22	2,271567E+22	2,377785E+22	2,494142E+22
970	2,529614E+22	2,474710E+22	2,404001E+22	2,404012E+22	2,474757E+22	2,529687E+22	2,494194E+22	2,377808E+22	2,271587E+22	2,271582E+22	2,377798E+22	2,494189E+22
971	2,529687E+22	2,474769E+22	2,404028E+22	2,403994E+22	2,474685E+22	2,529597E+22	2,494134E+22	2,377791E+22	2,271599E+22	2,271598E+22	2,377785E+22	2,494131E+22
972	2,529608E+22	2,474689E+22	2,403965E+22	2,403984E+22	2,474711E+22	2,529618E+22	2,494147E+22	2,377802E+22	2,271608E+22	2,271598E+22	2,377777E+22	2,494129E+22
973	2,529646E+22	2,474787E+22	2,404086E+22	2,404085E+22	2,474798E+22	2,529679E+22	2,494165E+22	2,377795E+22	2,271609E+22	2,271624E+22	2,377827E+22	2,494174E+22
974	2,529638E+22	2,474729E+22	2,404014E+22	2,403997E+22	2,474692E+22	2,529604E+22	2,494142E+22	2,377801E+22	2,271603E+22	2,271597E+22	2,377785E+22	2,494126E+22
975	2,529580E+22	2,474650E+22	2,403955E+22	2,404017E+22	2,474771E+22	2,529685E+22	2,494197E+22	2,377819E+22	2,271599E+22	2,271581E+22	2,377775E+22	2,494147E+22
976	2,529661E+22	2,474773E+22	2,404040E+22	2,404036E+22	2,474759E+22	2,529659E+22	2,494165E+22	2,377793E+22	2,271586E+22	2,271590E+22	2,377796E+22	2,494152E+22
977	2,529620E+22	2,474697E+22	2,403939E+22	2,403904E+22	2,474633E+22	2,529584E+22	2,494138E+22	2,377787E+22	2,271579E+22	2,271573E+22	2,377767E+22	2,494111E+22
978	2,529580E+22	2,474680E+22	2,403983E+22	2,403998E+22	2,474720E+22	2,529644E+22	2,494171E+22	2,377797E+22	2,271576E+22	2,271567E+22	2,377774E+22	2,494155E+22
979	2,529655E+22	2,474739E+22	2,404000E+22	2,403996E+22	2,474698E+22	2,529587E+22	2,494092E+22	2,377732E+22	2,271541E+22	2,271558E+22	2,377772E+22	2,494123E+22
980	2,529581E+22	2,474638E+22	2,403879E+22	2,403903E+22	2,474675E+22	2,529604E+22	2,494109E+22	2,377722E+22	2,271505E+22	2,271515E+22	2,377741E+22	2,494123E+22
981	2,529619E+22	2,474713E+22	2,403981E+22	2,403984E+22	2,474741E+22	2,529670E+22	2,494155E+22	2,377736E+22	2,271498E+22	2,271509E+22	2,377761E+22	2,494172E+22
982	2,529659E+22	2,474717E+22	2,403960E+22	2,403930E+22	2,474633E+22	2,529572E+22	2,494122E+22	2,377752E+22	2,271510E+22	2,271490E+22	2,377705E+22	2,494091E+22
983	2,529575E+22	2,474630E+22	2,403889E+22	2,403933E+22	2,474692E+22	2,529624E+22	2,494154E+22	2,377776E+22	2,271540E+22	2,271513E+22	2,377708E+22	2,494086E+22
984	2,529613E+22	2,474751E+22	2,404028E+22	2,404022E+22	2,474744E+22	2,529637E+22	2,494132E+22	2,377752E+22	2,271545E+22	2,271556E+22	2,377770E+22	2,494124E+22
985	2,529591E+22	2,474680E+22	2,403946E+22	2,403924E+22	2,474649E+22	2,529582E+22	2,494113E+22	2,377755E+22	2,271559E+22	2,271573E+22	2,377775E+22	2,494105E+22
986	2,529547E+22	2,474628E+22	2,403942E+22	2,403990E+22	2,474740E+22	2,529670E+22	2,494186E+22	2,377805E+22	2,271591E+22	2,271589E+22	2,377796E+22	2,494171E+22
987	2,529665E+22	2,474750E+22	2,404016E+22	2,404029E+22	2,474748E+22	2,529635E+22	2,494139E+22	2,377781E+22	2,271593E+22	2,271607E+22	2,377811E+22	2,494160E+22
988	2,529625E+22	2,474691E+22	2,403931E+22	2,403929E+22	2,474678E+22	2,529610E+22	2,494147E+22	2,377805E+22	2,271613E+22	2,271604E+22	2,377787E+22	2,494139E+22
989	2,529635E+22	2,474757E+22	2,404056E+22	2,404044E+22	2,474752E+22	2,529664E+22	2,494188E+22	2,377833E+22	2,271641E+22	2,271638E+22	2,377829E+22	2,494191E+22
990	2,529687E+22	2,474801E+22	2,404094E+22	2,404065E+22	2,474707E+22	2,529576E+22	2,494129E+22	2,377826E+22	2,271654E+22	2,271647E+22	2,377810E+22	2,494125E+22
991	2,529586E+22	2,474684E+22	2,403985E+22	2,404029E+22	2,474757E+22	2,529643E+22	2,494160E+22	2,377828E+22	2,271659E+22	2,271656E+22	2,377816E+22	2,494134E+22
992	2,529622E+22	2,474780E+22	2,404111E+22	2,404117E+22	2,474821E+22	2,529694E+22	2,494177E+22	2,377810E+22	2,271633E+22	2,271655E+22	2,377852E+22	2,494191E+22
993	2,529652E+22	2,474746E+22	2,404032E+22	2,404013E+22	2,474704E+22	2,529614E+22	2,494158E+22	2,377820E+22	2,271636E+22	2,271636E+22	2,377808E+22	2,494130E+22
994	2,529587E+22	2,474674E+22	2,403973E+22	2,404011E+22	2,474746E+22	2,529666E+22	2,494209E+22	2,377866E+22	2,271662E+22	2,271633E+22	2,377797E+22	2,494150E+22
995	2,529665E+22	2,474798E+22	2,404076E+22	2,404068E+22	2,474768E+22	2,529637E+22	2,494144E+22	2,377806E+22	2,271630E+22	2,271633E+22	2,377812E+22	2,494141E+22
996	2,529606E+22	2,474706E+22	2,403976E+22	2,403954E+22	2,474667E+22	2,529583E+22	2,494124E+22	2,377793E+22	2,271611E+22	2,271607E+22	2,377786E+22	2,494118E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
997	2,529581E+22	2,474687E+22	2,404006E+22	2,404024E+22	2,474737E+22	2,529643E+22	2,494161E+22	2,377793E+22	2,271594E+22	2,271602E+22	2,377812E+22	2,494182E+22
998	2,529666E+22	2,474754E+22	2,404032E+22	2,404032E+22	2,474714E+22	2,529589E+22	2,494113E+22	2,377764E+22	2,271565E+22	2,271574E+22	2,377779E+22	2,494128E+22
999	2,529587E+22	2,474649E+22	2,403892E+22	2,403921E+22	2,474696E+22	2,529624E+22	2,494140E+22	2,377769E+22	2,271556E+22	2,271549E+22	2,377750E+22	2,494111E+22
1000	2,529605E+22	2,474735E+22	2,404025E+22	2,404010E+22	2,474745E+22	2,529664E+22	2,494161E+22	2,377764E+22	2,271543E+22	2,271546E+22	2,377769E+22	2,494158E+22
1001	2,529652E+22	2,474742E+22	2,404007E+22	2,403973E+22	2,474654E+22	2,529569E+22	2,494122E+22	2,377772E+22	2,271565E+22	2,271559E+22	2,377742E+22	2,494083E+22
1002	2,529553E+22	2,474633E+22	2,403917E+22	2,403961E+22	2,474702E+22	2,529614E+22	2,494156E+22	2,377814E+22	2,271611E+22	2,271590E+22	2,377766E+22	2,494110E+22
1003	2,529607E+22	2,474743E+22	2,404039E+22	2,404057E+22	2,474785E+22	2,529651E+22	2,494128E+22	2,377763E+22	2,271586E+22	2,271609E+22	2,377814E+22	2,494153E+22
1004	2,529603E+22	2,474688E+22	2,403961E+22	2,403952E+22	2,474681E+22	2,529607E+22	2,494137E+22	2,377783E+22	2,271594E+22	2,271603E+22	2,377798E+22	2,494138E+22
1005	2,529588E+22	2,474667E+22	2,403971E+22	2,403995E+22	2,474722E+22	2,529650E+22	2,494192E+22	2,377837E+22	2,271635E+22	2,271628E+22	2,377821E+22	2,494191E+22
1006	2,529696E+22	2,474805E+22	2,404082E+22	2,404068E+22	2,474737E+22	2,529607E+22	2,494147E+22	2,377829E+22	2,271652E+22	2,271646E+22	2,377814E+22	2,494144E+22
1007	2,529621E+22	2,474725E+22	2,403992E+22	2,403985E+22	2,474703E+22	2,529605E+22	2,494149E+22	2,377841E+22	2,271680E+22	2,271667E+22	2,377810E+22	2,494115E+22
1008	2,529600E+22	2,474770E+22	2,404118E+22	2,404110E+22	2,474788E+22	2,529659E+22	2,494170E+22	2,377837E+22	2,271678E+22	2,271687E+22	2,377858E+22	2,494190E+22
1009	2,529673E+22	2,474804E+22	2,404129E+22	2,404123E+22	2,474766E+22	2,529610E+22	2,494137E+22	2,377830E+22	2,271686E+22	2,271702E+22	2,377850E+22	2,494137E+22
1010	2,529579E+22	2,474680E+22	2,403995E+22	2,404041E+22	2,474769E+22	2,529659E+22	2,494192E+22	2,377875E+22	2,271712E+22	2,271702E+22	2,377850E+22	2,494156E+22
1011	2,529629E+22	2,474781E+22	2,404114E+22	2,404130E+22	2,474839E+22	2,529703E+22	2,494192E+22	2,377847E+22	2,271681E+22	2,271689E+22	2,377862E+22	2,494191E+22
1012	2,529659E+22	2,474767E+22	2,404059E+22	2,404032E+22	2,474714E+22	2,529619E+22	2,494173E+22	2,377859E+22	2,271689E+22	2,271674E+22	2,377819E+22	2,494132E+22
1013	2,529597E+22	2,474700E+22	2,404009E+22	2,404022E+22	2,474722E+22	2,529626E+22	2,494189E+22	2,377883E+22	2,271711E+22	2,271691E+22	2,377838E+22	2,494164E+22
1014	2,529666E+22	2,474815E+22	2,404122E+22	2,404112E+22	2,474775E+22	2,529610E+22	2,494129E+22	2,377823E+22	2,271669E+22	2,271676E+22	2,377841E+22	2,494151E+22
1015	2,529601E+22	2,474704E+22	2,403993E+22	2,403987E+22	2,474704E+22	2,529602E+22	2,494125E+22	2,377798E+22	2,271638E+22	2,271646E+22	2,377816E+22	2,494128E+22
1016	2,529576E+22	2,474696E+22	2,404034E+22	2,404048E+22	2,474753E+22	2,529650E+22	2,494161E+22	2,377794E+22	2,271600E+22	2,271610E+22	2,377820E+22	2,494195E+22
1017	2,529689E+22	2,474784E+22	2,404064E+22	2,404060E+22	2,474736E+22	2,529600E+22	2,494124E+22	2,377781E+22	2,271594E+22	2,271599E+22	2,377781E+22	2,494117E+22
1018	2,529588E+22	2,474675E+22	2,403928E+22	2,403933E+22	2,474688E+22	2,529614E+22	2,494158E+22	2,377821E+22	2,271624E+22	2,271600E+22	2,377764E+22	2,494099E+22
1019	2,529589E+22	2,474741E+22	2,404060E+22	2,404056E+22	2,474774E+22	2,529661E+22	2,494156E+22	2,377792E+22	2,271601E+22	2,271599E+22	2,377787E+22	2,494141E+22
1020	2,529627E+22	2,474742E+22	2,404040E+22	2,404022E+22	2,474700E+22	2,529590E+22	2,494130E+22	2,377798E+22	2,271616E+22	2,271610E+22	2,377776E+22	2,494099E+22
1021	2,529552E+22	2,474633E+22	2,403934E+22	2,403975E+22	2,474710E+22	2,529616E+22	2,494160E+22	2,377835E+22	2,271656E+22	2,271650E+22	2,377820E+22	2,494150E+22
1022	2,529631E+22	2,474761E+22	2,404068E+22	2,404082E+22	2,474787E+22	2,529648E+22	2,494152E+22	2,377810E+22	2,271634E+22	2,271647E+22	2,377837E+22	2,494173E+22
1023	2,529625E+22	2,474712E+22	2,403987E+22	2,403973E+22	2,474694E+22	2,529612E+22	2,494155E+22	2,377830E+22	2,271660E+22	2,271657E+22	2,377820E+22	2,494136E+22
1024	2,529591E+22	2,474710E+22	2,404037E+22	2,404033E+22	2,474724E+22	2,529629E+22	2,494179E+22	2,377856E+22	2,271682E+22	2,271675E+22	2,377842E+22	2,494190E+22
1025	2,529703E+22	2,474845E+22	2,404152E+22	2,404132E+22	2,474766E+22	2,529596E+22	2,494129E+22	2,377838E+22	2,271702E+22	2,271713E+22	2,377848E+22	2,494136E+22
1026	2,529601E+22	2,474733E+22	2,404036E+22	2,404032E+22	2,474732E+22	2,529608E+22	2,494149E+22	2,377869E+22	2,271740E+22	2,271734E+22	2,377857E+22	2,494132E+22
1027	2,529589E+22	2,474756E+22	2,404132E+22	2,404157E+22	2,474847E+22	2,529691E+22	2,494175E+22	2,377847E+22	2,271709E+22	2,271724E+22	2,377882E+22	2,494200E+22
1028	2,529676E+22	2,474806E+22	2,404140E+22	2,404144E+22	2,474799E+22	2,529647E+22	2,494173E+22	2,377866E+22	2,271720E+22	2,271720E+22	2,377860E+22	2,494154E+22
1029	2,529603E+22	2,474702E+22	2,404012E+22	2,404033E+22	2,474747E+22	2,529645E+22	2,494205E+22	2,377917E+22	2,271765E+22	2,271744E+22	2,377871E+22	2,494169E+22
1030	2,529649E+22	2,474814E+22	2,404159E+22	2,404150E+22	2,474818E+22	2,529673E+22	2,494198E+22	2,377891E+22	2,271739E+22	2,271731E+22	2,377870E+22	2,494178E+22
1031	2,529650E+22	2,474781E+22	2,404098E+22	2,404069E+22	2,474726E+22	2,529606E+22	2,494163E+22	2,377883E+22	2,271747E+22	2,271735E+22	2,377850E+22	2,494120E+22
1032	2,529571E+22	2,474708E+22	2,404057E+22	2,404068E+22	2,474742E+22	2,529611E+22	2,494157E+22	2,377868E+22	2,271729E+22	2,271728E+22	2,377871E+22	2,494180E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1033	2,529670E+22	2,474824E+22	2,404152E+22	2,404152E+22	2,474813E+22	2,529629E+22	2,494123E+22	2,377814E+22	2,271685E+22	2,271712E+22	2,377867E+22	2,494162E+22
1034	2,529607E+22	2,474712E+22	2,404010E+22	2,403998E+22	2,474714E+22	2,529617E+22	2,494151E+22	2,377836E+22	2,271678E+22	2,271674E+22	2,377830E+22	2,494140E+22
1035	2,529589E+22	2,474706E+22	2,404047E+22	2,404071E+22	2,474781E+22	2,529663E+22	2,494174E+22	2,377825E+22	2,271640E+22	2,271631E+22	2,377810E+22	2,494176E+22
1036	2,529688E+22	2,474808E+22	2,404103E+22	2,404090E+22	2,474757E+22	2,529616E+22	2,494147E+22	2,377825E+22	2,271647E+22	2,271632E+22	2,377785E+22	2,494109E+22
1037	2,529583E+22	2,474689E+22	2,403969E+22	2,403958E+22	2,474678E+22	2,529587E+22	2,494151E+22	2,377854E+22	2,271689E+22	2,271670E+22	2,377810E+22	2,494111E+22
1038	2,529580E+22	2,474738E+22	2,404093E+22	2,404097E+22	2,474788E+22	2,529652E+22	2,494158E+22	2,377823E+22	2,271657E+22	2,271661E+22	2,377829E+22	2,494156E+22
1039	2,529621E+22	2,474733E+22	2,404052E+22	2,404049E+22	2,474731E+22	2,529613E+22	2,494142E+22	2,377821E+22	2,271667E+22	2,271673E+22	2,377824E+22	2,494120E+22
1040	2,529560E+22	2,474653E+22	2,403966E+22	2,403990E+22	2,474707E+22	2,529605E+22	2,494154E+22	2,377845E+22	2,271682E+22	2,271681E+22	2,377846E+22	2,494176E+22
1041	2,529669E+22	2,474808E+22	2,404116E+22	2,404112E+22	2,474796E+22	2,529640E+22	2,494144E+22	2,377828E+22	2,271682E+22	2,271694E+22	2,377851E+22	2,494169E+22
1042	2,529638E+22	2,474755E+22	2,404047E+22	2,404009E+22	2,474694E+22	2,529594E+22	2,494152E+22	2,377866E+22	2,271724E+22	2,271713E+22	2,377840E+22	2,494128E+22
1043	2,529583E+22	2,474724E+22	2,404086E+22	2,404103E+22	2,474773E+22	2,529629E+22	2,494162E+22	2,377866E+22	2,271726E+22	2,271720E+22	2,377857E+22	2,494173E+22
1044	2,529682E+22	2,474850E+22	2,404196E+22	2,404197E+22	2,474832E+22	2,529639E+22	2,494147E+22	2,377859E+22	2,271738E+22	2,271748E+22	2,377875E+22	2,494149E+22
1045	2,529596E+22	2,474729E+22	2,404057E+22	2,404055E+22	2,474749E+22	2,529626E+22	2,494172E+22	2,377902E+22	2,271786E+22	2,271785E+22	2,377899E+22	2,494159E+22
1046	2,529602E+22	2,474760E+22	2,404148E+22	2,404176E+22	2,474850E+22	2,529703E+22	2,494218E+22	2,377906E+22	2,271765E+22	2,271763E+22	2,377895E+22	2,494202E+22
1047	2,529683E+22	2,474820E+22	2,404156E+22	2,404153E+22	2,474805E+22	2,529657E+22	2,494198E+22	2,377921E+22	2,271794E+22	2,271781E+22	2,377881E+22	2,494142E+22
1048	2,529598E+22	2,474734E+22	2,404060E+22	2,404051E+22	2,474727E+22	2,529612E+22	2,494187E+22	2,377935E+22	2,271814E+22	2,271796E+22	2,377898E+22	2,494173E+22
1049	2,529657E+22	2,474843E+22	2,404209E+22	2,404195E+22	2,474828E+22	2,529648E+22	2,494166E+22	2,377893E+22	2,271787E+22	2,271796E+22	2,377908E+22	2,494182E+22
1050	2,529642E+22	2,474785E+22	2,404128E+22	2,404105E+22	2,474744E+22	2,529599E+22	2,494148E+22	2,377890E+22	2,271786E+22	2,271789E+22	2,377895E+22	2,494146E+22
1051	2,529577E+22	2,474702E+22	2,404067E+22	2,404108E+22	2,474788E+22	2,529632E+22	2,494152E+22	2,377859E+22	2,271735E+22	2,271743E+22	2,377883E+22	2,494190E+22
1052	2,529686E+22	2,474843E+22	2,404174E+22	2,404176E+22	2,474841E+22	2,529664E+22	2,494154E+22	2,377839E+22	2,271699E+22	2,271709E+22	2,377862E+22	2,494169E+22
1053	2,529624E+22	2,474740E+22	2,404041E+22	2,404006E+22	2,474698E+22	2,529607E+22	2,494164E+22	2,377876E+22	2,271727E+22	2,271709E+22	2,377837E+22	2,494134E+22
1054	2,529595E+22	2,474731E+22	2,404093E+22	2,404104E+22	2,474776E+22	2,529652E+22	2,494190E+22	2,377871E+22	2,271702E+22	2,271677E+22	2,377812E+22	2,494144E+22
1055	2,529660E+22	2,474807E+22	2,404134E+22	2,404133E+22	2,474783E+22	2,529622E+22	2,494151E+22	2,377858E+22	2,271716E+22	2,271705E+22	2,377822E+22	2,494093E+22
1056	2,529551E+22	2,474688E+22	2,404002E+22	2,403997E+22	2,474697E+22	2,529584E+22	2,494134E+22	2,377856E+22	2,271724E+22	2,271725E+22	2,377860E+22	2,494140E+22
1057	2,529591E+22	2,474745E+22	2,404113E+22	2,404126E+22	2,474809E+22	2,529661E+22	2,494154E+22	2,377831E+22	2,271695E+22	2,271715E+22	2,377869E+22	2,494179E+22
1058	2,529637E+22	2,474744E+22	2,404066E+22	2,404058E+22	2,474730E+22	2,529614E+22	2,494158E+22	2,377861E+22	2,271721E+22	2,271723E+22	2,377859E+22	2,494145E+22
1059	2,529586E+22	2,474677E+22	2,403994E+22	2,404026E+22	2,474732E+22	2,529606E+22	2,494149E+22	2,377861E+22	2,271722E+22	2,271715E+22	2,377851E+22	2,494169E+22
1060	2,529681E+22	2,474850E+22	2,404174E+22	2,404156E+22	2,474816E+22	2,529648E+22	2,494155E+22	2,377858E+22	2,271727E+22	2,271729E+22	2,377865E+22	2,494167E+22
1061	2,529636E+22	2,474779E+22	2,404105E+22	2,404059E+22	2,474704E+22	2,529578E+22	2,494144E+22	2,377894E+22	2,271784E+22	2,271777E+22	2,377881E+22	2,494139E+22
1062	2,529580E+22	2,474730E+22	2,404126E+22	2,404157E+22	2,474806E+22	2,529647E+22	2,494178E+22	2,377895E+22	2,271775E+22	2,271771E+22	2,377883E+22	2,494173E+22
1063	2,529670E+22	2,474843E+22	2,404209E+22	2,404228E+22	2,474871E+22	2,529680E+22	2,494181E+22	2,377897E+22	2,271791E+22	2,271801E+22	2,377906E+22	2,494152E+22
1064	2,529597E+22	2,474747E+22	2,404085E+22	2,404070E+22	2,474743E+22	2,529622E+22	2,494184E+22	2,377932E+22	2,271826E+22	2,271821E+22	2,377921E+22	2,494175E+22
1065	2,529627E+22	2,474795E+22	2,404183E+22	2,404195E+22	2,474844E+22	2,529687E+22	2,494213E+22	2,377939E+22	2,271831E+22	2,271821E+22	2,377912E+22	2,494191E+22
1066	2,529682E+22	2,474847E+22	2,404199E+22	2,404179E+22	2,474794E+22	2,529631E+22	2,494191E+22	2,377955E+22	2,271864E+22	2,271851E+22	2,377918E+22	2,494144E+22
1067	2,529591E+22	2,474741E+22	2,404096E+22	2,404110E+22	2,474764E+22	2,529599E+22	2,494154E+22	2,377927E+22	2,271846E+22	2,271841E+22	2,377925E+22	2,494171E+22
1068	2,529649E+22	2,474854E+22	2,404244E+22	2,404245E+22	2,474874E+22	2,529676E+22	2,494170E+22	2,377895E+22	2,271801E+22	2,271817E+22	2,377936E+22	2,494207E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1069	2,529650E+22	2,474792E+22	2,404151E+22	2,404131E+22	2,474755E+22	2,529607E+22	2,494160E+22	2,377908E+22	2,271811E+22	2,271817E+22	2,377922E+22	2,494171E+22
1070	2,529598E+22	2,474717E+22	2,404087E+22	2,404130E+22	2,474797E+22	2,529649E+22	2,494189E+22	2,377901E+22	2,271771E+22	2,271762E+22	2,377877E+22	2,494175E+22
1071	2,529685E+22	2,474860E+22	2,404198E+22	2,404197E+22	2,474857E+22	2,529686E+22	2,494185E+22	2,377887E+22	2,271761E+22	2,271757E+22	2,377869E+22	2,494139E+22
1072	2,529607E+22	2,474767E+22	2,404088E+22	2,404033E+22	2,474685E+22	2,529583E+22	2,494156E+22	2,377897E+22	2,271776E+22	2,271761E+22	2,377864E+22	2,494130E+22
1073	2,529585E+22	2,474740E+22	2,404125E+22	2,404146E+22	2,474792E+22	2,529638E+22	2,494168E+22	2,377886E+22	2,271763E+22	2,271751E+22	2,377856E+22	2,494146E+22
1074	2,529641E+22	2,474795E+22	2,404146E+22	2,404160E+22	2,474801E+22	2,529625E+22	2,494146E+22	2,377873E+22	2,271765E+22	2,271771E+22	2,377879E+22	2,494127E+22
1075	2,529560E+22	2,474677E+22	2,404000E+22	2,404024E+22	2,474726E+22	2,529594E+22	2,494129E+22	2,377853E+22	2,271739E+22	2,271750E+22	2,377883E+22	2,494162E+22
1076	2,529621E+22	2,474779E+22	2,404139E+22	2,404143E+22	2,474818E+22	2,529676E+22	2,494177E+22	2,377859E+22	2,271717E+22	2,271724E+22	2,377879E+22	2,494200E+22
1077	2,529668E+22	2,474791E+22	2,404115E+22	2,404079E+22	2,474711E+22	2,529588E+22	2,494156E+22	2,377893E+22	2,271773E+22	2,271765E+22	2,377874E+22	2,494145E+22
1078	2,529600E+22	2,474719E+22	2,404059E+22	2,404078E+22	2,474738E+22	2,529598E+22	2,494159E+22	2,377895E+22	2,271777E+22	2,271760E+22	2,377856E+22	2,494137E+22
1079	2,529656E+22	2,474863E+22	2,404226E+22	2,404222E+22	2,474863E+22	2,529671E+22	2,494165E+22	2,377888E+22	2,271788E+22	2,271795E+22	2,377894E+22	2,494144E+22
1080	2,529605E+22	2,474786E+22	2,404147E+22	2,404111E+22	2,474736E+22	2,529592E+22	2,494147E+22	2,377907E+22	2,271823E+22	2,271828E+22	2,377920E+22	2,494155E+22
1081	2,529584E+22	2,474735E+22	2,404145E+22	2,404192E+22	2,474837E+22	2,529668E+22	2,494195E+22	2,377930E+22	2,271835E+22	2,271829E+22	2,377914E+22	2,494180E+22
1082	2,529670E+22	2,474847E+22	2,404219E+22	2,404240E+22	2,474874E+22	2,529685E+22	2,494209E+22	2,377955E+22	2,271866E+22	2,271865E+22	2,377943E+22	2,494169E+22
1083	2,529610E+22	2,474761E+22	2,404106E+22	2,404100E+22	2,474754E+22	2,529613E+22	2,494182E+22	2,377959E+22	2,271879E+22	2,271871E+22	2,377942E+22	2,494174E+22
1084	2,529636E+22	2,474832E+22	2,404232E+22	2,404230E+22	2,474847E+22	2,529678E+22	2,494215E+22	2,377965E+22	2,271875E+22	2,271867E+22	2,377949E+22	2,494206E+22
1085	2,529682E+22	2,474865E+22	2,404243E+22	2,404220E+22	2,474797E+22	2,529603E+22	2,494167E+22	2,377966E+22	2,271912E+22	2,271915E+22	2,377971E+22	2,494173E+22
1086	2,529601E+22	2,474755E+22	2,404128E+22	2,404152E+22	2,474793E+22	2,529616E+22	2,494159E+22	2,377929E+22	2,271867E+22	2,271874E+22	2,377948E+22	2,494180E+22
1087	2,529653E+22	2,474860E+22	2,404259E+22	2,404270E+22	2,474904E+22	2,529711E+22	2,494198E+22	2,377916E+22	2,271827E+22	2,271843E+22	2,377948E+22	2,494202E+22
1088	2,529658E+22	2,474823E+22	2,404182E+22	2,404150E+22	2,474753E+22	2,529603E+22	2,494170E+22	2,377929E+22	2,271835E+22	2,271830E+22	2,377921E+22	2,494170E+22
1089	2,529615E+22	2,474754E+22	2,404125E+22	2,404157E+22	2,474798E+22	2,529636E+22	2,494185E+22	2,377933E+22	2,271829E+22	2,271803E+22	2,377875E+22	2,494142E+22
1090	2,529657E+22	2,474866E+22	2,404229E+22	2,404226E+22	2,474858E+22	2,529671E+22	2,494188E+22	2,377924E+22	2,271826E+22	2,271821E+22	2,377900E+22	2,494130E+22
1091	2,529581E+22	2,474751E+22	2,404106E+22	2,404086E+22	2,474724E+22	2,529582E+22	2,494138E+22	2,377897E+22	2,271808E+22	2,271808E+22	2,377897E+22	2,494133E+22
1092	2,529574E+22	2,474741E+22	2,404139E+22	2,404172E+22	2,474819E+22	2,529661E+22	2,494182E+22	2,377897E+22	2,271783E+22	2,271783E+22	2,377898E+22	2,494182E+22
1093	2,529652E+22	2,474801E+22	2,404156E+22	2,404167E+22	2,474795E+22	2,529620E+22	2,494158E+22	2,377902E+22	2,271805E+22	2,271814E+22	2,377918E+22	2,494163E+22
1094	2,529596E+22	2,474710E+22	2,404026E+22	2,404040E+22	2,474726E+22	2,529599E+22	2,494150E+22	2,377886E+22	2,271780E+22	2,271778E+22	2,377886E+22	2,494155E+22
1095	2,529633E+22	2,474817E+22	2,404183E+22	2,404175E+22	2,474828E+22	2,529681E+22	2,494193E+22	2,377899E+22	2,271779E+22	2,271775E+22	2,377889E+22	2,494174E+22
1096	2,529660E+22	2,474834E+22	2,404183E+22	2,404133E+22	2,474715E+22	2,529563E+22	2,494142E+22	2,377910E+22	2,271819E+22	2,271816E+22	2,377902E+22	2,494143E+22
1097	2,529593E+22	2,474740E+22	2,404111E+22	2,404145E+22	2,474776E+22	2,529594E+22	2,494141E+22	2,377915E+22	2,271841E+22	2,271830E+22	2,377893E+22	2,494131E+22
1098	2,529626E+22	2,474851E+22	2,404245E+22	2,404264E+22	2,474901E+22	2,529696E+22	2,494184E+22	2,377918E+22	2,271845E+22	2,271863E+22	2,377947E+22	2,494169E+22
1099	2,529605E+22	2,474775E+22	2,404152E+22	2,404148E+22	2,474773E+22	2,529614E+22	2,494164E+22	2,377929E+22	2,271856E+22	2,271865E+22	2,377945E+22	2,494170E+22
1100	2,529603E+22	2,474765E+22	2,404167E+22	2,404205E+22	2,474844E+22	2,529682E+22	2,494226E+22	2,377976E+22	2,271880E+22	2,271862E+22	2,377940E+22	2,494199E+22
1101	2,529686E+22	2,474881E+22	2,404259E+22	2,404258E+22	2,474853E+22	2,529654E+22	2,494206E+22	2,377996E+22	2,271935E+22	2,271929E+22	2,377978E+22	2,494182E+22
1102	2,529624E+22	2,474796E+22	2,404158E+22	2,404142E+22	2,474760E+22	2,529600E+22	2,494179E+22	2,377980E+22	2,271930E+22	2,271925E+22	2,377966E+22	2,494165E+22
1103	2,529622E+22	2,474847E+22	2,404278E+22	2,404287E+22	2,474886E+22	2,529689E+22	2,494214E+22	2,377980E+22	2,271920E+22	2,271924E+22	2,377984E+22	2,494204E+22
1104	2,529673E+22	2,474884E+22	2,404281E+22	2,404262E+22	2,474819E+22	2,529606E+22	2,494159E+22	2,377960E+22	2,271924E+22	2,271941E+22	2,378000E+22	2,494195E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1105	2,529617E+22	2,474773E+22	2,404152E+22	2,404185E+22	2,474819E+22	2,529629E+22	2,494169E+22	2,377955E+22	2,271906E+22	2,271902E+22	2,377954E+22	2,494175E+22
1106	2,529650E+22	2,474870E+22	2,404274E+22	2,404284E+22	2,474914E+22	2,529722E+22	2,494225E+22	2,377962E+22	2,271880E+22	2,271881E+22	2,377958E+22	2,494196E+22
1107	2,529654E+22	2,474829E+22	2,404202E+22	2,404181E+22	2,474768E+22	2,529599E+22	2,494172E+22	2,377953E+22	2,271876E+22	2,271863E+22	2,377923E+22	2,494149E+22
1108	2,529603E+22	2,474774E+22	2,404159E+22	2,404186E+22	2,474807E+22	2,529633E+22	2,494195E+22	2,377965E+22	2,271871E+22	2,271846E+22	2,377910E+22	2,494150E+22
1109	2,529636E+22	2,474859E+22	2,404250E+22	2,404254E+22	2,474862E+22	2,529648E+22	2,494171E+22	2,377942E+22	2,271878E+22	2,271886E+22	2,377956E+22	2,494162E+22
1110	2,529586E+22	2,474752E+22	2,404117E+22	2,404105E+22	2,474742E+22	2,529597E+22	2,494148E+22	2,377904E+22	2,271833E+22	2,271846E+22	2,377929E+22	2,494153E+22
1111	2,529585E+22	2,474754E+22	2,404154E+22	2,404186E+22	2,474829E+22	2,529675E+22	2,494204E+22	2,377924E+22	2,271816E+22	2,271816E+22	2,377917E+22	2,494187E+22
1112	2,529673E+22	2,474848E+22	2,404195E+22	2,404182E+22	2,474780E+22	2,529596E+22	2,494152E+22	2,377919E+22	2,271835E+22	2,271837E+22	2,377927E+22	2,494170E+22
1113	2,529620E+22	2,474763E+22	2,404087E+22	2,404084E+22	2,474735E+22	2,529577E+22	2,494135E+22	2,377915E+22	2,271842E+22	2,271825E+22	2,377888E+22	2,494126E+22
1114	2,529610E+22	2,474835E+22	2,404235E+22	2,404231E+22	2,474853E+22	2,529675E+22	2,494192E+22	2,377929E+22	2,271841E+22	2,271840E+22	2,377922E+22	2,494166E+22
1115	2,529633E+22	2,474822E+22	2,404216E+22	2,404209E+22	2,474778E+22	2,529579E+22	2,494136E+22	2,377917E+22	2,271854E+22	2,271862E+22	2,377931E+22	2,494145E+22
1116	2,529581E+22	2,474744E+22	2,404136E+22	2,404185E+22	2,474820E+22	2,529635E+22	2,494177E+22	2,377946E+22	2,271873E+22	2,271869E+22	2,377938E+22	2,494161E+22
1117	2,529624E+22	2,474845E+22	2,404255E+22	2,404279E+22	2,474906E+22	2,529702E+22	2,494213E+22	2,377971E+22	2,271909E+22	2,271921E+22	2,377992E+22	2,494202E+22
1118	2,529634E+22	2,474803E+22	2,404174E+22	2,404158E+22	2,474777E+22	2,529627E+22	2,494195E+22	2,377977E+22	2,271920E+22	2,271917E+22	2,377965E+22	2,494170E+22
1119	2,529613E+22	2,474801E+22	2,404208E+22	2,404224E+22	2,474840E+22	2,529675E+22	2,494240E+22	2,378022E+22	2,271953E+22	2,271930E+22	2,377967E+22	2,494189E+22
1120	2,529686E+22	2,474922E+22	2,404318E+22	2,404298E+22	2,474848E+22	2,529617E+22	2,494180E+22	2,378007E+22	2,271982E+22	2,271987E+22	2,378020E+22	2,494201E+22
1121	2,529633E+22	2,474824E+22	2,404211E+22	2,404202E+22	2,474793E+22	2,529584E+22	2,494144E+22	2,377983E+22	2,271977E+22	2,271976E+22	2,377997E+22	2,494171E+22
1122	2,529611E+22	2,474844E+22	2,404298E+22	2,404321E+22	2,474916E+22	2,529704E+22	2,494221E+22	2,377992E+22	2,271949E+22	2,271962E+22	2,378016E+22	2,494226E+22
1123	2,529681E+22	2,474881E+22	2,404295E+22	2,404300E+22	2,474854E+22	2,529623E+22	2,494172E+22	2,377972E+22	2,271933E+22	2,271945E+22	2,377997E+22	2,494194E+22
1124	2,529632E+22	2,474808E+22	2,404185E+22	2,404201E+22	2,474826E+22	2,529640E+22	2,494197E+22	2,377994E+22	2,271934E+22	2,271915E+22	2,377957E+22	2,494167E+22
1125	2,529637E+22	2,474885E+22	2,404309E+22	2,404303E+22	2,474902E+22	2,529699E+22	2,494228E+22	2,378005E+22	2,271946E+22	2,271935E+22	2,377977E+22	2,494187E+22
1126	2,529643E+22	2,474842E+22	2,404238E+22	2,404213E+22	2,474785E+22	2,529600E+22	2,494175E+22	2,377976E+22	2,271926E+22	2,271915E+22	2,377944E+22	2,494132E+22
1127	2,529575E+22	2,474768E+22	2,404182E+22	2,404218E+22	2,474836E+22	2,529646E+22	2,494200E+22	2,377986E+22	2,271920E+22	2,271904E+22	2,377946E+22	2,494154E+22
1128	2,529630E+22	2,474863E+22	2,404265E+22	2,404272E+22	2,474869E+22	2,529643E+22	2,494166E+22	2,377947E+22	2,271900E+22	2,271920E+22	2,377995E+22	2,494200E+22
1129	2,529614E+22	2,474773E+22	2,404139E+22	2,404127E+22	2,474754E+22	2,529589E+22	2,494146E+22	2,377932E+22	2,271879E+22	2,271878E+22	2,377943E+22	2,494159E+22
1130	2,529594E+22	2,474775E+22	2,404182E+22	2,404203E+22	2,474834E+22	2,529671E+22	2,494214E+22	2,377960E+22	2,271869E+22	2,271861E+22	2,377938E+22	2,494192E+22
1131	2,529678E+22	2,474868E+22	2,404241E+22	2,404231E+22	2,474800E+22	2,529587E+22	2,494145E+22	2,377933E+22	2,271870E+22	2,271872E+22	2,377936E+22	2,494157E+22
1132	2,529615E+22	2,474794E+22	2,404145E+22	2,404138E+22	2,474765E+22	2,529582E+22	2,494143E+22	2,377940E+22	2,271881E+22	2,271872E+22	2,377927E+22	2,494133E+22
1133	2,529587E+22	2,474828E+22	2,404266E+22	2,404277E+22	2,474885E+22	2,529678E+22	2,494191E+22	2,377956E+22	2,271899E+22	2,271906E+22	2,377972E+22	2,494193E+22
1134	2,529639E+22	2,474824E+22	2,404230E+22	2,404231E+22	2,474816E+22	2,529620E+22	2,494167E+22	2,377944E+22	2,271894E+22	2,271905E+22	2,377960E+22	2,494158E+22
1135	2,529589E+22	2,474759E+22	2,404155E+22	2,404197E+22	2,474835E+22	2,529659E+22	2,494219E+22	2,378002E+22	2,271932E+22	2,271916E+22	2,377958E+22	2,494168E+22
1136	2,529646E+22	2,474886E+22	2,404292E+22	2,404289E+22	2,474887E+22	2,529673E+22	2,494210E+22	2,378005E+22	2,271963E+22	2,271965E+22	2,378012E+22	2,494213E+22
1137	2,529655E+22	2,474849E+22	2,404234E+22	2,404198E+22	2,474775E+22	2,529590E+22	2,494173E+22	2,378012E+22	2,271995E+22	2,271979E+22	2,377984E+22	2,494154E+22
1138	2,529597E+22	2,474818E+22	2,404261E+22	2,404277E+22	2,474861E+22	2,529658E+22	2,494223E+22	2,378040E+22	2,272010E+22	2,272000E+22	2,378012E+22	2,494197E+22
1139	2,529671E+22	2,474917E+22	2,404355E+22	2,404362E+22	2,474896E+22	2,529624E+22	2,494162E+22	2,377998E+22	2,272000E+22	2,272020E+22	2,378045E+22	2,494210E+22
1140	2,529636E+22	2,474840E+22	2,404247E+22	2,404242E+22	2,474832E+22	2,529619E+22	2,494171E+22	2,378001E+22	2,271990E+22	2,271997E+22	2,378024E+22	2,494191E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1141	2,529614E+22	2,474848E+22	2,404315E+22	2,404342E+22	2,474928E+22	2,529710E+22	2,494242E+22	2,378035E+22	2,271998E+22	2,271996E+22	2,378032E+22	2,494238E+22
1142	2,529700E+22	2,474906E+22	2,404318E+22	2,404311E+22	2,474871E+22	2,529647E+22	2,494202E+22	2,378014E+22	2,271984E+22	2,271978E+22	2,377994E+22	2,494170E+22
1143	2,529619E+22	2,474828E+22	2,404226E+22	2,404224E+22	2,474830E+22	2,529643E+22	2,494219E+22	2,378042E+22	2,272002E+22	2,271974E+22	2,377973E+22	2,494146E+22
1144	2,529618E+22	2,474893E+22	2,404343E+22	2,404332E+22	2,474899E+22	2,529668E+22	2,494206E+22	2,378018E+22	2,271994E+22	2,271994E+22	2,378021E+22	2,494204E+22
1145	2,529640E+22	2,474844E+22	2,404265E+22	2,404250E+22	2,474809E+22	2,529588E+22	2,494150E+22	2,377987E+22	2,271978E+22	2,271972E+22	2,377984E+22	2,494149E+22
1146	2,529571E+22	2,474759E+22	2,404185E+22	2,404229E+22	2,474850E+22	2,529653E+22	2,494204E+22	2,377998E+22	2,271951E+22	2,271949E+22	2,377989E+22	2,494190E+22
1147	2,529651E+22	2,474868E+22	2,404279E+22	2,404292E+22	2,474880E+22	2,529641E+22	2,494166E+22	2,377955E+22	2,271912E+22	2,271928E+22	2,377997E+22	2,494211E+22
1148	2,529647E+22	2,474823E+22	2,404189E+22	2,404151E+22	2,474758E+22	2,529588E+22	2,494156E+22	2,377956E+22	2,271902E+22	2,271896E+22	2,377951E+22	2,494157E+22
1149	2,529593E+22	2,474800E+22	2,404233E+22	2,404242E+22	2,474836E+22	2,529649E+22	2,494206E+22	2,377991E+22	2,271926E+22	2,271911E+22	2,377957E+22	2,494187E+22
1150	2,529675E+22	2,474889E+22	2,404289E+22	2,404281E+22	2,474845E+22	2,529611E+22	2,494151E+22	2,377952E+22	2,271914E+22	2,271917E+22	2,377953E+22	2,494140E+22
1151	2,529589E+22	2,474795E+22	2,404183E+22	2,404182E+22	2,474808E+22	2,529614E+22	2,494166E+22	2,377974E+22	2,271935E+22	2,271928E+22	2,377954E+22	2,494133E+22
1152	2,529579E+22	2,474826E+22	2,404282E+22	2,404297E+22	2,474899E+22	2,529687E+22	2,494207E+22	2,377987E+22	2,271944E+22	2,271952E+22	2,378007E+22	2,494219E+22
1153	2,529660E+22	2,474845E+22	2,404256E+22	2,404254E+22	2,474827E+22	2,529615E+22	2,494177E+22	2,377998E+22	2,271969E+22	2,271957E+22	2,377978E+22	2,494158E+22
1154	2,529592E+22	2,474776E+22	2,404182E+22	2,404208E+22	2,474828E+22	2,529646E+22	2,494227E+22	2,378049E+22	2,272007E+22	2,271985E+22	2,377994E+22	2,494177E+22
1155	2,529649E+22	2,474903E+22	2,404340E+22	2,404333E+22	2,474892E+22	2,529648E+22	2,494194E+22	2,378022E+22	2,272010E+22	2,272017E+22	2,378038E+22	2,494215E+22
1156	2,529660E+22	2,474883E+22	2,404299E+22	2,404258E+22	2,474801E+22	2,529580E+22	2,494158E+22	2,378020E+22	2,272029E+22	2,272033E+22	2,378035E+22	2,494173E+22
1157	2,529587E+22	2,474819E+22	2,404297E+22	2,404327E+22	2,474893E+22	2,529657E+22	2,494208E+22	2,378048E+22	2,272053E+22	2,272056E+22	2,378060E+22	2,494229E+22
1158	2,529690E+22	2,474931E+22	2,404377E+22	2,404388E+22	2,474939E+22	2,529670E+22	2,494187E+22	2,378011E+22	2,272020E+22	2,272043E+22	2,378056E+22	2,494212E+22
1159	2,529645E+22	2,474862E+22	2,404278E+22	2,404263E+22	2,474851E+22	2,529646E+22	2,494211E+22	2,378050E+22	2,272037E+22	2,272024E+22	2,378018E+22	2,494176E+22
1160	2,529623E+22	2,474876E+22	2,404349E+22	2,404358E+22	2,474919E+22	2,529693E+22	2,494245E+22	2,378072E+22	2,272051E+22	2,272033E+22	2,378036E+22	2,494227E+22
1161	2,529701E+22	2,474933E+22	2,404366E+22	2,404351E+22	2,474877E+22	2,529623E+22	2,494190E+22	2,378054E+22	2,272058E+22	2,272036E+22	2,378008E+22	2,494145E+22
1162	2,529586E+22	2,474818E+22	2,404252E+22	2,404260E+22	2,474848E+22	2,529637E+22	2,494212E+22	2,378065E+22	2,272058E+22	2,272043E+22	2,378024E+22	2,494160E+22
1163	2,529600E+22	2,474869E+22	2,404356E+22	2,404368E+22	2,474926E+22	2,529675E+22	2,494195E+22	2,378013E+22	2,272010E+22	2,272027E+22	2,378054E+22	2,494229E+22
1164	2,529655E+22	2,474855E+22	2,404284E+22	2,404269E+22	2,474824E+22	2,529606E+22	2,494167E+22	2,377999E+22	2,271990E+22	2,271999E+22	2,378022E+22	2,494180E+22
1165	2,529590E+22	2,474772E+22	2,404202E+22	2,404240E+22	2,474848E+22	2,529644E+22	2,494206E+22	2,378027E+22	2,271995E+22	2,271985E+22	2,378009E+22	2,494209E+22
1166	2,529686E+22	2,474910E+22	2,404311E+22	2,404301E+22	2,474888E+22	2,529655E+22	2,494177E+22	2,377980E+22	2,271953E+22	2,271957E+22	2,377993E+22	2,494188E+22
1167	2,529644E+22	2,474858E+22	2,404250E+22	2,404194E+22	2,474771E+22	2,529591E+22	2,494170E+22	2,377997E+22	2,271962E+22	2,271944E+22	2,377957E+22	2,494135E+22
1168	2,529582E+22	2,474814E+22	2,404279E+22	2,404291E+22	2,474854E+22	2,529631E+22	2,494185E+22	2,378004E+22	2,271972E+22	2,271963E+22	2,377987E+22	2,494191E+22
1169	2,529666E+22	2,474890E+22	2,404320E+22	2,404328E+22	2,474882E+22	2,529618E+22	2,494147E+22	2,377977E+22	2,271969E+22	2,271971E+22	2,377984E+22	2,494143E+22
1170	2,529576E+22	2,474782E+22	2,404191E+22	2,404201E+22	2,474827E+22	2,529637E+22	2,494193E+22	2,378010E+22	2,271985E+22	2,271983E+22	2,377998E+22	2,494157E+22
1171	2,529588E+22	2,474825E+22	2,404296E+22	2,404314E+22	2,474900E+22	2,529683E+22	2,494215E+22	2,378015E+22	2,271984E+22	2,271985E+22	2,378020E+22	2,494225E+22
1172	2,529683E+22	2,474888E+22	2,404306E+22	2,404280E+22	2,474824E+22	2,529605E+22	2,494181E+22	2,378029E+22	2,272020E+22	2,272011E+22	2,378010E+22	2,494161E+22
1173	2,529592E+22	2,474801E+22	2,404235E+22	2,404253E+22	2,474829E+22	2,529615E+22	2,494203E+22	2,378073E+22	2,272075E+22	2,272057E+22	2,378035E+22	2,494187E+22
1174	2,529657E+22	2,474927E+22	2,404385E+22	2,404383E+22	2,474934E+22	2,529666E+22	2,494185E+22	2,378028E+22	2,272050E+22	2,272067E+22	2,378067E+22	2,494214E+22
1175	2,529650E+22	2,474896E+22	2,404346E+22	2,404313E+22	2,474848E+22	2,529614E+22	2,494180E+22	2,378044E+22	2,272068E+22	2,272074E+22	2,378056E+22	2,494181E+22
1176	2,529597E+22	2,474830E+22	2,404321E+22	2,404358E+22	2,474912E+22	2,529669E+22	2,494222E+22	2,378072E+22	2,272085E+22	2,272087E+22	2,378079E+22	2,494243E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1177	2,529711E+22	2,474959E+22	2,404409E+22	2,404417E+22	2,474957E+22	2,529677E+22	2,494207E+22	2,378065E+22	2,272085E+22	2,272082E+22	2,378059E+22	2,494196E+22
1178	2,529637E+22	2,474876E+22	2,404306E+22	2,404281E+22	2,474852E+22	2,529650E+22	2,494232E+22	2,378100E+22	2,272109E+22	2,272088E+22	2,378047E+22	2,494170E+22
1179	2,529606E+22	2,474873E+22	2,404381E+22	2,404395E+22	2,474922E+22	2,529677E+22	2,494238E+22	2,378094E+22	2,272100E+22	2,272085E+22	2,378062E+22	2,494222E+22
1180	2,529692E+22	2,474944E+22	2,404404E+22	2,404394E+22	2,474897E+22	2,529617E+22	2,494178E+22	2,378062E+22	2,272094E+22	2,272097E+22	2,378065E+22	2,494168E+22
1181	2,529579E+22	2,474806E+22	2,404260E+22	2,404282E+22	2,474860E+22	2,529632E+22	2,494198E+22	2,378070E+22	2,272096E+22	2,272097E+22	2,378075E+22	2,494204E+22
1182	2,529634E+22	2,474888E+22	2,404361E+22	2,404370E+22	2,474941E+22	2,529703E+22	2,494211E+22	2,378021E+22	2,272023E+22	2,272043E+22	2,378066E+22	2,494240E+22
1183	2,529681E+22	2,474894E+22	2,404322E+22	2,404287E+22	2,474822E+22	2,529608E+22	2,494186E+22	2,378032E+22	2,272023E+22	2,272013E+22	2,378009E+22	2,494169E+22
1184	2,529610E+22	2,474813E+22	2,404247E+22	2,404266E+22	2,474836E+22	2,529617E+22	2,494191E+22	2,378043E+22	2,272034E+22	2,272015E+22	2,378008E+22	2,494192E+22
1185	2,529686E+22	2,474945E+22	2,404374E+22	2,404360E+22	2,474908E+22	2,529638E+22	2,494162E+22	2,378007E+22	2,272010E+22	2,272004E+22	2,377998E+22	2,494153E+22
1186	2,529604E+22	2,474849E+22	2,404284E+22	2,404247E+22	2,474807E+22	2,529604E+22	2,494172E+22	2,378017E+22	2,272014E+22	2,272007E+22	2,377998E+22	2,494135E+22
1187	2,529551E+22	2,474784E+22	2,404290E+22	2,404333E+22	2,474890E+22	2,529654E+22	2,494197E+22	2,378017E+22	2,272001E+22	2,272000E+22	2,378015E+22	2,494202E+22
1188	2,529669E+22	2,474895E+22	2,404339E+22	2,404355E+22	2,474903E+22	2,529641E+22	2,494176E+22	2,378008E+22	2,272007E+22	2,272018E+22	2,378026E+22	2,494165E+22
1189	2,529584E+22	2,474788E+22	2,404204E+22	2,404213E+22	2,474821E+22	2,529629E+22	2,494203E+22	2,378056E+22	2,272055E+22	2,272046E+22	2,378035E+22	2,494181E+22
1190	2,529620E+22	2,474865E+22	2,404325E+22	2,404323E+22	2,474902E+22	2,529692E+22	2,494225E+22	2,378046E+22	2,272041E+22	2,272039E+22	2,378042E+22	2,494218E+22
1191	2,529685E+22	2,474927E+22	2,404369E+22	2,404328E+22	2,474834E+22	2,529595E+22	2,494184E+22	2,378063E+22	2,272084E+22	2,272074E+22	2,378038E+22	2,494162E+22
1192	2,529598E+22	2,474824E+22	2,404283E+22	2,404307E+22	2,474853E+22	2,529598E+22	2,494174E+22	2,378074E+22	2,272117E+22	2,272114E+22	2,378079E+22	2,494211E+22
1193	2,529671E+22	2,474948E+22	2,404426E+22	2,404435E+22	2,474972E+22	2,529678E+22	2,494186E+22	2,378049E+22	2,272093E+22	2,272110E+22	2,378093E+22	2,494220E+22
1194	2,529650E+22	2,474901E+22	2,404368E+22	2,404346E+22	2,474873E+22	2,529642E+22	2,494213E+22	2,378082E+22	2,272110E+22	2,272113E+22	2,378081E+22	2,494193E+22
1195	2,529604E+22	2,474842E+22	2,404350E+22	2,404385E+22	2,474919E+22	2,529672E+22	2,494240E+22	2,378108E+22	2,272124E+22	2,272109E+22	2,378075E+22	2,494228E+22
1196	2,529715E+22	2,474995E+22	2,404461E+22	2,404452E+22	2,474961E+22	2,529674E+22	2,494220E+22	2,378099E+22	2,272139E+22	2,272137E+22	2,378086E+22	2,494182E+22
1197	2,529617E+22	2,474882E+22	2,404344E+22	2,404323E+22	2,474857E+22	2,529629E+22	2,494221E+22	2,378129E+22	2,272177E+22	2,272163E+22	2,378093E+22	2,494180E+22
1198	2,529604E+22	2,474880E+22	2,404395E+22	2,404418E+22	2,474950E+22	2,529694E+22	2,494234E+22	2,378099E+22	2,272135E+22	2,272135E+22	2,378097E+22	2,494227E+22
1199	2,529683E+22	2,474948E+22	2,404427E+22	2,404423E+22	2,474920E+22	2,529637E+22	2,494196E+22	2,378083E+22	2,272128E+22	2,272133E+22	2,378090E+22	2,494190E+22
1200	2,529603E+22	2,474822E+22	2,404274E+22	2,404297E+22	2,474860E+22	2,529620E+22	2,494191E+22	2,378079E+22	2,272118E+22	2,272120E+22	2,378092E+22	2,494223E+22
1201	2,529665E+22	2,474926E+22	2,404393E+22	2,404390E+22	2,474939E+22	2,529686E+22	2,494212E+22	2,378057E+22	2,272069E+22	2,272069E+22	2,378062E+22	2,494221E+22
1202	2,529675E+22	2,474917E+22	2,404362E+22	2,404319E+22	2,474827E+22	2,529607E+22	2,494196E+22	2,378063E+22	2,272073E+22	2,272060E+22	2,378027E+22	2,494155E+22
1203	2,529588E+22	2,474819E+22	2,404293E+22	2,404318E+22	2,474849E+22	2,529603E+22	2,494180E+22	2,378053E+22	2,272066E+22	2,272051E+22	2,378023E+22	2,494175E+22
1204	2,529664E+22	2,474950E+22	2,404413E+22	2,404415E+22	2,474947E+22	2,529652E+22	2,494161E+22	2,378011E+22	2,272043E+22	2,272061E+22	2,378046E+22	2,494163E+22
1205	2,529586E+22	2,474831E+22	2,404287E+22	2,404275E+22	2,474833E+22	2,529621E+22	2,494181E+22	2,378037E+22	2,272059E+22	2,272065E+22	2,378048E+22	2,494171E+22
1206	2,529576E+22	2,474795E+22	2,404280E+22	2,404327E+22	2,474905E+22	2,529687E+22	2,494227E+22	2,378048E+22	2,272037E+22	2,272032E+22	2,378033E+22	2,494209E+22
1207	2,529685E+22	2,474927E+22	2,404371E+22	2,404371E+22	2,474898E+22	2,529642E+22	2,494203E+22	2,378061E+22	2,272068E+22	2,272058E+22	2,378033E+22	2,494167E+22
1208	2,529608E+22	2,474828E+22	2,404250E+22	2,404242E+22	2,474806E+22	2,529590E+22	2,494182E+22	2,378078E+22	2,272112E+22	2,272102E+22	2,378061E+22	2,494183E+22
1209	2,529631E+22	2,474909E+22	2,404392E+22	2,404382E+22	2,474913E+22	2,529663E+22	2,494208E+22	2,378074E+22	2,272102E+22	2,272100E+22	2,378071E+22	2,494207E+22
1210	2,529664E+22	2,474935E+22	2,404414E+22	2,404390E+22	2,474875E+22	2,529610E+22	2,494184E+22	2,378078E+22	2,272129E+22	2,272136E+22	2,378086E+22	2,494176E+22
1211	2,529584E+22	2,474822E+22	2,404317E+22	2,404358E+22	2,474889E+22	2,529621E+22	2,494187E+22	2,378085E+22	2,272139E+22	2,272143E+22	2,378099E+22	2,494220E+22
1212	2,529681E+22	2,474971E+22	2,404463E+22	2,404477E+22	2,475002E+22	2,529705E+22	2,494216E+22	2,378080E+22	2,272132E+22	2,272152E+22	2,378119E+22	2,494226E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1213	2,529654E+22	2,474914E+22	2,404389E+22	2,404368E+22	2,474880E+22	2,529644E+22	2,494234E+22	2,378135E+22	2,272184E+22	2,272173E+22	2,378107E+22	2,494199E+22
1214	2,529618E+22	2,474873E+22	2,404373E+22	2,404400E+22	2,474931E+22	2,529686E+22	2,494259E+22	2,378149E+22	2,272187E+22	2,272165E+22	2,378095E+22	2,494211E+22
1215	2,529695E+22	2,475013E+22	2,404511E+22	2,404499E+22	2,474972E+22	2,529663E+22	2,494223E+22	2,378135E+22	2,272202E+22	2,272196E+22	2,378116E+22	2,494187E+22
1216	2,529612E+22	2,474882E+22	2,404366E+22	2,404358E+22	2,474870E+22	2,529608E+22	2,494191E+22	2,378126E+22	2,272215E+22	2,272220E+22	2,378144E+22	2,494212E+22
1217	2,529619E+22	2,474895E+22	2,404417E+22	2,404443E+22	2,474963E+22	2,529692E+22	2,494234E+22	2,378113E+22	2,272163E+22	2,272169E+22	2,378124E+22	2,494242E+22
1218	2,529691E+22	2,474959E+22	2,404439E+22	2,404436E+22	2,474925E+22	2,529644E+22	2,494211E+22	2,378105E+22	2,272155E+22	2,272159E+22	2,378109E+22	2,494202E+22
1219	2,529613E+22	2,474848E+22	2,404309E+22	2,404320E+22	2,474857E+22	2,529607E+22	2,494189E+22	2,378093E+22	2,272138E+22	2,272127E+22	2,378081E+22	2,494206E+22
1220	2,529671E+22	2,474967E+22	2,404452E+22	2,404438E+22	2,474951E+22	2,529677E+22	2,494207E+22	2,378066E+22	2,272102E+22	2,272110E+22	2,378077E+22	2,494199E+22
1221	2,529647E+22	2,474918E+22	2,404398E+22	2,404373E+22	2,474854E+22	2,529600E+22	2,494189E+22	2,378084E+22	2,272123E+22	2,272116E+22	2,378060E+22	2,494156E+22
1222	2,529575E+22	2,474817E+22	2,404300E+22	2,404347E+22	2,474897E+22	2,529643E+22	2,494196E+22	2,378068E+22	2,272097E+22	2,272091E+22	2,378049E+22	2,494172E+22
1223	2,529641E+22	2,474943E+22	2,404429E+22	2,404444E+22	2,474974E+22	2,529684E+22	2,494202E+22	2,378054E+22	2,272086E+22	2,272096E+22	2,378067E+22	2,494182E+22
1224	2,529604E+22	2,474838E+22	2,404290E+22	2,404283E+22	2,474832E+22	2,529614E+22	2,494192E+22	2,378072E+22	2,272110E+22	2,272112E+22	2,378078E+22	2,494194E+22
1225	2,529607E+22	2,474836E+22	2,404311E+22	2,404337E+22	2,474890E+22	2,529666E+22	2,494238E+22	2,378101E+22	2,272106E+22	2,272086E+22	2,378052E+22	2,494203E+22
1226	2,529684E+22	2,474955E+22	2,404414E+22	2,404400E+22	2,474895E+22	2,529627E+22	2,494206E+22	2,378098E+22	2,272136E+22	2,272129E+22	2,378075E+22	2,494172E+22
1227	2,529597E+22	2,474850E+22	2,404310E+22	2,404302E+22	2,474821E+22	2,529565E+22	2,494157E+22	2,378082E+22	2,272149E+22	2,272150E+22	2,378093E+22	2,494189E+22
1228	2,529629E+22	2,474931E+22	2,404446E+22	2,404449E+22	2,474958E+22	2,529671E+22	2,494195E+22	2,378068E+22	2,272133E+22	2,272160E+22	2,378123E+22	2,494227E+22
1229	2,529661E+22	2,474936E+22	2,404438E+22	2,404435E+22	2,474913E+22	2,529633E+22	2,494201E+22	2,378099E+22	2,272168E+22	2,272184E+22	2,378127E+22	2,494207E+22
1230	2,529612E+22	2,474850E+22	2,404329E+22	2,404371E+22	2,474916E+22	2,529656E+22	2,494222E+22	2,378122E+22	2,272176E+22	2,272167E+22	2,378102E+22	2,494209E+22
1231	2,529679E+22	2,475002E+22	2,404509E+22	2,404509E+22	2,475011E+22	2,529713E+22	2,494251E+22	2,378141E+22	2,272199E+22	2,272190E+22	2,378116E+22	2,494213E+22
1232	2,529659E+22	2,474940E+22	2,404431E+22	2,404404E+22	2,474881E+22	2,529616E+22	2,494220E+22	2,378164E+22	2,272249E+22	2,272237E+22	2,378135E+22	2,494194E+22
1233	2,529612E+22	2,474894E+22	2,404415E+22	2,404441E+22	2,474940E+22	2,529662E+22	2,494249E+22	2,378181E+22	2,272248E+22	2,272228E+22	2,378131E+22	2,494206E+22
1234	2,529666E+22	2,475000E+22	2,404529E+22	2,404535E+22	2,475002E+22	2,529676E+22	2,494228E+22	2,378151E+22	2,272243E+22	2,272255E+22	2,378169E+22	2,494214E+22
1235	2,529605E+22	2,474879E+22	2,404387E+22	2,404384E+22	2,474883E+22	2,529610E+22	2,494191E+22	2,378128E+22	2,272224E+22	2,272238E+22	2,378165E+22	2,494233E+22
1236	2,529641E+22	2,474923E+22	2,404449E+22	2,404469E+22	2,474974E+22	2,529693E+22	2,494239E+22	2,378124E+22	2,272188E+22	2,272201E+22	2,378145E+22	2,494250E+22
1237	2,529702E+22	2,474981E+22	2,404465E+22	2,404455E+22	2,474930E+22	2,529639E+22	2,494218E+22	2,378134E+22	2,272202E+22	2,272199E+22	2,378124E+22	2,494203E+22
1238	2,529626E+22	2,474883E+22	2,404339E+22	2,404340E+22	2,474874E+22	2,529617E+22	2,494198E+22	2,378117E+22	2,272176E+22	2,272160E+22	2,378083E+22	2,494179E+22
1239	2,529643E+22	2,474978E+22	2,404501E+22	2,404492E+22	2,474980E+22	2,529680E+22	2,494217E+22	2,378100E+22	2,272152E+22	2,272148E+22	2,378091E+22	2,494198E+22
1240	2,529637E+22	2,474909E+22	2,404412E+22	2,404406E+22	2,474882E+22	2,529599E+22	2,494179E+22	2,378092E+22	2,272162E+22	2,272167E+22	2,378101E+22	2,494180E+22
1241	2,529584E+22	2,474825E+22	2,404311E+22	2,404358E+22	2,474905E+22	2,529650E+22	2,494222E+22	2,378107E+22	2,272138E+22	2,272130E+22	2,378076E+22	2,494185E+22
1242	2,529642E+22	2,474946E+22	2,404438E+22	2,404448E+22	2,474973E+22	2,529689E+22	2,494228E+22	2,378099E+22	2,272138E+22	2,272140E+22	2,378096E+22	2,494194E+22
1243	2,529609E+22	2,474866E+22	2,404332E+22	2,404301E+22	2,474818E+22	2,529585E+22	2,494183E+22	2,378095E+22	2,272153E+22	2,272148E+22	2,378089E+22	2,494190E+22
1244	2,529616E+22	2,474883E+22	2,404382E+22	2,404390E+22	2,474898E+22	2,529638E+22	2,494214E+22	2,378107E+22	2,272157E+22	2,272154E+22	2,378090E+22	2,494199E+22
1245	2,529670E+22	2,474968E+22	2,404460E+22	2,404456E+22	2,474925E+22	2,529616E+22	2,494188E+22	2,378110E+22	2,272188E+22	2,272195E+22	2,378123E+22	2,494191E+22
1246	2,529601E+22	2,474865E+22	2,404336E+22	2,404346E+22	2,474880E+22	2,529604E+22	2,494169E+22	2,378093E+22	2,272176E+22	2,272185E+22	2,378118E+22	2,494194E+22
1247	2,529622E+22	2,474942E+22	2,404485E+22	2,404500E+22	2,475000E+22	2,529703E+22	2,494233E+22	2,378110E+22	2,272172E+22	2,272182E+22	2,378131E+22	2,494241E+22
1248	2,529679E+22	2,474949E+22	2,404456E+22	2,404459E+22	2,474931E+22	2,529636E+22	2,494216E+22	2,378142E+22	2,272224E+22	2,272228E+22	2,378145E+22	2,494214E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1249	2,529629E+22	2,474888E+22	2,404370E+22	2,404390E+22	2,474914E+22	2,529653E+22	2,494251E+22	2,378185E+22	2,272249E+22	2,272224E+22	2,378120E+22	2,494191E+22
1250	2,529656E+22	2,475010E+22	2,404547E+22	2,404540E+22	2,475016E+22	2,529705E+22	2,494263E+22	2,378188E+22	2,272275E+22	2,272266E+22	2,378160E+22	2,494211E+22
1251	2,529633E+22	2,474944E+22	2,404475E+22	2,404447E+22	2,474894E+22	2,529594E+22	2,494197E+22	2,378175E+22	2,272294E+22	2,272294E+22	2,378178E+22	2,494211E+22
1252	2,529613E+22	2,474905E+22	2,404450E+22	2,404483E+22	2,474969E+22	2,529661E+22	2,494229E+22	2,378170E+22	2,272280E+22	2,272291E+22	2,378186E+22	2,494237E+22
1253	2,529676E+22	2,474999E+22	2,404535E+22	2,404549E+22	2,475016E+22	2,529684E+22	2,494235E+22	2,378167E+22	2,272272E+22	2,272291E+22	2,378204E+22	2,494252E+22
1254	2,529646E+22	2,474914E+22	2,404402E+22	2,404389E+22	2,474898E+22	2,529625E+22	2,494208E+22	2,378151E+22	2,272243E+22	2,272242E+22	2,378155E+22	2,494223E+22
1255	2,529650E+22	2,474964E+22	2,404505E+22	2,404506E+22	2,474980E+22	2,529687E+22	2,494253E+22	2,378163E+22	2,272230E+22	2,272214E+22	2,378128E+22	2,494234E+22
1256	2,529704E+22	2,475004E+22	2,404511E+22	2,404498E+22	2,474943E+22	2,529618E+22	2,494201E+22	2,378151E+22	2,272248E+22	2,272244E+22	2,378138E+22	2,494188E+22
1257	2,529613E+22	2,474900E+22	2,404384E+22	2,404383E+22	2,474897E+22	2,529616E+22	2,494204E+22	2,378147E+22	2,272224E+22	2,272209E+22	2,378107E+22	2,494164E+22
1258	2,529601E+22	2,474949E+22	2,404511E+22	2,404522E+22	2,475017E+22	2,529709E+22	2,494240E+22	2,378131E+22	2,272199E+22	2,272202E+22	2,378131E+22	2,494210E+22
1259	2,529620E+22	2,474900E+22	2,404426E+22	2,404421E+22	2,474893E+22	2,529605E+22	2,494191E+22	2,378117E+22	2,272194E+22	2,272197E+22	2,378124E+22	2,494200E+22
1260	2,529603E+22	2,474847E+22	2,404335E+22	2,404371E+22	2,474906E+22	2,529641E+22	2,494223E+22	2,378131E+22	2,272191E+22	2,272187E+22	2,378109E+22	2,494199E+22
1261	2,529655E+22	2,474965E+22	2,404462E+22	2,404459E+22	2,474966E+22	2,529673E+22	2,494230E+22	2,378135E+22	2,272201E+22	2,272203E+22	2,378134E+22	2,494214E+22
1262	2,529631E+22	2,474903E+22	2,404374E+22	2,404332E+22	2,474832E+22	2,529575E+22	2,494172E+22	2,378110E+22	2,272193E+22	2,272191E+22	2,378111E+22	2,494183E+22
1263	2,529603E+22	2,474904E+22	2,404444E+22	2,404457E+22	2,474934E+22	2,529634E+22	2,494204E+22	2,378124E+22	2,272199E+22	2,272194E+22	2,378116E+22	2,494218E+22
1264	2,529677E+22	2,474973E+22	2,404489E+22	2,404504E+22	2,474969E+22	2,529626E+22	2,494176E+22	2,378110E+22	2,272218E+22	2,272240E+22	2,378160E+22	2,494216E+22
1265	2,529622E+22	2,474890E+22	2,404368E+22	2,404370E+22	2,474897E+22	2,529623E+22	2,494204E+22	2,378136E+22	2,272215E+22	2,272215E+22	2,378130E+22	2,494193E+22
1266	2,529619E+22	2,474950E+22	2,404508E+22	2,404520E+22	2,475014E+22	2,529721E+22	2,494272E+22	2,378172E+22	2,272237E+22	2,272226E+22	2,378143E+22	2,494231E+22
1267	2,529671E+22	2,474977E+22	2,404507E+22	2,404488E+22	2,474929E+22	2,529619E+22	2,494217E+22	2,378180E+22	2,272284E+22	2,272274E+22	2,378155E+22	2,494199E+22
1268	2,529622E+22	2,474917E+22	2,404432E+22	2,404439E+22	2,474926E+22	2,529633E+22	2,494233E+22	2,378203E+22	2,272317E+22	2,272307E+22	2,378165E+22	2,494189E+22
1269	2,529635E+22	2,475002E+22	2,404572E+22	2,404580E+22	2,475041E+22	2,529703E+22	2,494254E+22	2,378207E+22	2,272331E+22	2,272339E+22	2,378219E+22	2,494242E+22
1270	2,529642E+22	2,474949E+22	2,404486E+22	2,404473E+22	2,474932E+22	2,529618E+22	2,494203E+22	2,378182E+22	2,272320E+22	2,272329E+22	2,378207E+22	2,494228E+22
1271	2,529621E+22	2,474921E+22	2,404484E+22	2,404519E+22	2,474991E+22	2,529673E+22	2,494248E+22	2,378202E+22	2,272312E+22	2,272306E+22	2,378195E+22	2,494262E+22
1272	2,529711E+22	2,475025E+22	2,404558E+22	2,404565E+22	2,475022E+22	2,529675E+22	2,494233E+22	2,378192E+22	2,272315E+22	2,272324E+22	2,378215E+22	2,494256E+22
1273	2,529669E+22	2,474961E+22	2,404454E+22	2,404412E+22	2,474891E+22	2,529617E+22	2,494228E+22	2,378195E+22	2,272295E+22	2,272279E+22	2,378156E+22	2,494196E+22
1274	2,529624E+22	2,474970E+22	2,404550E+22	2,404550E+22	2,474997E+22	2,529685E+22	2,494262E+22	2,378200E+22	2,272288E+22	2,272268E+22	2,378151E+22	2,494215E+22
1275	2,529669E+22	2,475000E+22	2,404550E+22	2,404543E+22	2,474971E+22	2,529613E+22	2,494183E+22	2,378157E+22	2,272283E+22	2,272288E+22	2,378168E+22	2,494194E+22
1276	2,529603E+22	2,474897E+22	2,404409E+22	2,404418E+22	2,474929E+22	2,529631E+22	2,494198E+22	2,378145E+22	2,272260E+22	2,272270E+22	2,378155E+22	2,494187E+22
1277	2,529603E+22	2,474933E+22	2,404500E+22	2,404519E+22	2,475022E+22	2,529721E+22	2,494259E+22	2,378160E+22	2,272239E+22	2,272245E+22	2,378168E+22	2,494243E+22
1278	2,529654E+22	2,474923E+22	2,404431E+22	2,404418E+22	2,474895E+22	2,529609E+22	2,494203E+22	2,378147E+22	2,272232E+22	2,272221E+22	2,378127E+22	2,494197E+22
1279	2,529616E+22	2,474886E+22	2,404392E+22	2,404408E+22	2,474905E+22	2,529620E+22	2,494216E+22	2,378162E+22	2,272239E+22	2,272215E+22	2,378113E+22	2,494201E+22
1280	2,529666E+22	2,474989E+22	2,404507E+22	2,404500E+22	2,474975E+22	2,529642E+22	2,494198E+22	2,378142E+22	2,272247E+22	2,272257E+22	2,378163E+22	2,494217E+22
1281	2,529634E+22	2,474930E+22	2,404429E+22	2,404383E+22	2,474860E+22	2,529583E+22	2,494179E+22	2,378130E+22	2,272230E+22	2,272234E+22	2,378136E+22	2,494179E+22
1282	2,529581E+22	2,474895E+22	2,404473E+22	2,404502E+22	2,474978E+22	2,529670E+22	2,494230E+22	2,378152E+22	2,272239E+22	2,272235E+22	2,378143E+22	2,494222E+22
1283	2,529670E+22	2,474983E+22	2,404521E+22	2,404533E+22	2,474992E+22	2,529643E+22	2,494196E+22	2,378143E+22	2,272256E+22	2,272268E+22	2,378170E+22	2,494220E+22
1284	2,529636E+22	2,474920E+22	2,404411E+22	2,404400E+22	2,474912E+22	2,529630E+22	2,494215E+22	2,378175E+22	2,272287E+22	2,272283E+22	2,378155E+22	2,494188E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1285	2,529614E+22	2,474958E+22	2,404532E+22	2,404538E+22	2,475015E+22	2,529718E+22	2,494288E+22	2,378225E+22	2,272320E+22	2,272304E+22	2,378182E+22	2,494237E+22
1286	2,529674E+22	2,474995E+22	2,404541E+22	2,404524E+22	2,474947E+22	2,529612E+22	2,494215E+22	2,378212E+22	2,272346E+22	2,272337E+22	2,378190E+22	2,494199E+22
1287	2,529609E+22	2,474926E+22	2,404481E+22	2,404497E+22	2,474955E+22	2,529627E+22	2,494222E+22	2,378223E+22	2,272366E+22	2,272358E+22	2,378209E+22	2,494226E+22
1288	2,529652E+22	2,475004E+22	2,404588E+22	2,404606E+22	2,475062E+22	2,529704E+22	2,494243E+22	2,378209E+22	2,272363E+22	2,272389E+22	2,378266E+22	2,494282E+22
1289	2,529681E+22	2,474987E+22	2,404521E+22	2,404490E+22	2,474931E+22	2,529626E+22	2,494230E+22	2,378213E+22	2,272347E+22	2,272351E+22	2,378217E+22	2,494231E+22
1290	2,529632E+22	2,474946E+22	2,404520E+22	2,404545E+22	2,475000E+22	2,529678E+22	2,494266E+22	2,378242E+22	2,272360E+22	2,272338E+22	2,378196E+22	2,494243E+22
1291	2,529706E+22	2,475063E+22	2,404618E+22	2,404602E+22	2,475027E+22	2,529658E+22	2,494220E+22	2,378209E+22	2,272355E+22	2,272355E+22	2,378213E+22	2,494232E+22
1292	2,529657E+22	2,474985E+22	2,404514E+22	2,404472E+22	2,474917E+22	2,529609E+22	2,494206E+22	2,378202E+22	2,272349E+22	2,272346E+22	2,378185E+22	2,494181E+22
1293	2,529591E+22	2,474945E+22	2,404559E+22	2,404586E+22	2,475034E+22	2,529706E+22	2,494270E+22	2,378221E+22	2,272335E+22	2,272326E+22	2,378195E+22	2,494233E+22
1294	2,529665E+22	2,474986E+22	2,404546E+22	2,404563E+22	2,475004E+22	2,529642E+22	2,494202E+22	2,378174E+22	2,272307E+22	2,272314E+22	2,378188E+22	2,494204E+22
1295	2,529604E+22	2,474898E+22	2,404424E+22	2,404437E+22	2,474936E+22	2,529640E+22	2,494221E+22	2,378184E+22	2,272297E+22	2,272289E+22	2,378171E+22	2,494215E+22
1296	2,529634E+22	2,474951E+22	2,404506E+22	2,404516E+22	2,475009E+22	2,529706E+22	2,494256E+22	2,378186E+22	2,272289E+22	2,272291E+22	2,378191E+22	2,494255E+22
1297	2,529683E+22	2,474971E+22	2,404478E+22	2,404430E+22	2,474871E+22	2,529590E+22	2,494211E+22	2,378180E+22	2,272281E+22	2,272268E+22	2,378142E+22	2,494182E+22
1298	2,529603E+22	2,474900E+22	2,404441E+22	2,404458E+22	2,474921E+22	2,529608E+22	2,494207E+22	2,378185E+22	2,272293E+22	2,272272E+22	2,378143E+22	2,494192E+22
1299	2,529650E+22	2,475004E+22	2,404557E+22	2,404553E+22	2,475005E+22	2,529638E+22	2,494172E+22	2,378136E+22	2,272275E+22	2,272296E+22	2,378191E+22	2,494228E+22
1300	2,529638E+22	2,474944E+22	2,404470E+22	2,404435E+22	2,474899E+22	2,529603E+22	2,494176E+22	2,378133E+22	2,272266E+22	2,272287E+22	2,378167E+22	2,494190E+22
1301	2,529584E+22	2,474893E+22	2,404482E+22	2,404519E+22	2,474996E+22	2,529696E+22	2,494266E+22	2,378198E+22	2,272289E+22	2,272277E+22	2,378165E+22	2,494232E+22
1302	2,529687E+22	2,475007E+22	2,404545E+22	2,404554E+22	2,475005E+22	2,529654E+22	2,494219E+22	2,378189E+22	2,272313E+22	2,272305E+22	2,378171E+22	2,494200E+22
1303	2,529629E+22	2,474949E+22	2,404472E+22	2,404452E+22	2,474921E+22	2,529619E+22	2,494222E+22	2,378221E+22	2,272357E+22	2,272337E+22	2,378178E+22	2,494191E+22
1304	2,529613E+22	2,474967E+22	2,404565E+22	2,404577E+22	2,475029E+22	2,529699E+22	2,494267E+22	2,378245E+22	2,272387E+22	2,272384E+22	2,378236E+22	2,494252E+22
1305	2,529678E+22	2,475013E+22	2,404581E+22	2,404563E+22	2,474966E+22	2,529622E+22	2,494226E+22	2,378234E+22	2,272393E+22	2,272398E+22	2,378235E+22	2,494215E+22
1306	2,529603E+22	2,474924E+22	2,404505E+22	2,404537E+22	2,474987E+22	2,529648E+22	2,494239E+22	2,378249E+22	2,272408E+22	2,272405E+22	2,378245E+22	2,494243E+22
1307	2,529666E+22	2,475030E+22	2,404621E+22	2,404630E+22	2,475069E+22	2,529703E+22	2,494246E+22	2,378229E+22	2,272394E+22	2,272414E+22	2,378278E+22	2,494293E+22
1308	2,529707E+22	2,475031E+22	2,404575E+22	2,404530E+22	2,474945E+22	2,529626E+22	2,494226E+22	2,378234E+22	2,272401E+22	2,272404E+22	2,378232E+22	2,494221E+22
1309	2,529629E+22	2,474963E+22	2,404554E+22	2,404573E+22	2,475006E+22	2,529678E+22	2,494277E+22	2,378276E+22	2,272416E+22	2,272392E+22	2,378219E+22	2,494233E+22
1310	2,529695E+22	2,475071E+22	2,404649E+22	2,404648E+22	2,475057E+22	2,529663E+22	2,494219E+22	2,378227E+22	2,272396E+22	2,272397E+22	2,378231E+22	2,494219E+22
1311	2,529632E+22	2,474980E+22	2,404548E+22	2,404527E+22	2,474956E+22	2,529624E+22	2,494206E+22	2,378216E+22	2,272381E+22	2,272379E+22	2,378218E+22	2,494209E+22
1312	2,529597E+22	2,474928E+22	2,404542E+22	2,404588E+22	2,475043E+22	2,529715E+22	2,494275E+22	2,378233E+22	2,272366E+22	2,272368E+22	2,378233E+22	2,494262E+22
1313	2,529692E+22	2,475009E+22	2,404557E+22	2,404556E+22	2,474983E+22	2,529647E+22	2,494238E+22	2,378215E+22	2,272342E+22	2,272340E+22	2,378198E+22	2,494206E+22
1314	2,529613E+22	2,474921E+22	2,404452E+22	2,404452E+22	2,474924E+22	2,529625E+22	2,494227E+22	2,378221E+22	2,272349E+22	2,272328E+22	2,378177E+22	2,494197E+22
1315	2,529634E+22	2,474994E+22	2,404563E+22	2,404547E+22	2,474994E+22	2,529669E+22	2,494226E+22	2,378193E+22	2,272329E+22	2,272332E+22	2,378203E+22	2,494243E+22
1316	2,529680E+22	2,475004E+22	2,404544E+22	2,404498E+22	2,474900E+22	2,529576E+22	2,494176E+22	2,378173E+22	2,272326E+22	2,272331E+22	2,378176E+22	2,494176E+22
1317	2,529581E+22	2,474891E+22	2,404462E+22	2,404503E+22	2,474963E+22	2,529633E+22	2,494214E+22	2,378196E+22	2,272328E+22	2,272321E+22	2,378181E+22	2,494207E+22
1318	2,529650E+22	2,475002E+22	2,404570E+22	2,404592E+22	2,475048E+22	2,529674E+22	2,494199E+22	2,378159E+22	2,272302E+22	2,272319E+22	2,378202E+22	2,494229E+22
1319	2,529640E+22	2,474957E+22	2,404502E+22	2,404478E+22	2,474925E+22	2,529624E+22	2,494209E+22	2,378184E+22	2,272316E+22	2,272315E+22	2,378183E+22	2,494206E+22
1320	2,529601E+22	2,474907E+22	2,404493E+22	2,404529E+22	2,474996E+22	2,529695E+22	2,494282E+22	2,378247E+22	2,272363E+22	2,272345E+22	2,378197E+22	2,494235E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1321	2,529697E+22	2,475043E+22	2,404594E+22	2,404578E+22	2,474991E+22	2,529647E+22	2,494244E+22	2,378239E+22	2,272384E+22	2,272376E+22	2,378206E+22	2,494192E+22
1322	2,529608E+22	2,474954E+22	2,404514E+22	2,404506E+22	2,474941E+22	2,529610E+22	2,494218E+22	2,378254E+22	2,272428E+22	2,272417E+22	2,378230E+22	2,494199E+22
1323	2,529608E+22	2,474986E+22	2,404602E+22	2,404617E+22	2,475049E+22	2,529692E+22	2,494243E+22	2,378241E+22	2,272423E+22	2,272441E+22	2,378286E+22	2,494285E+22
1324	2,529701E+22	2,475040E+22	2,404618E+22	2,404602E+22	2,474990E+22	2,529628E+22	2,494215E+22	2,378235E+22	2,272429E+22	2,272449E+22	2,378274E+22	2,494239E+22
1325	2,529625E+22	2,474944E+22	2,404522E+22	2,404553E+22	2,474997E+22	2,529662E+22	2,494261E+22	2,378282E+22	2,272446E+22	2,272436E+22	2,378262E+22	2,494256E+22
1326	2,529691E+22	2,475068E+22	2,404662E+22	2,404665E+22	2,475081E+22	2,529700E+22	2,494252E+22	2,378256E+22	2,272431E+22	2,272432E+22	2,378265E+22	2,494265E+22
1327	2,529697E+22	2,475060E+22	2,404639E+22	2,404595E+22	2,474966E+22	2,529619E+22	2,494228E+22	2,378263E+22	2,272444E+22	2,272434E+22	2,378242E+22	2,494211E+22
1328	2,529612E+22	2,474962E+22	2,404577E+22	2,404613E+22	2,475031E+22	2,529678E+22	2,494271E+22	2,378293E+22	2,272464E+22	2,272450E+22	2,378255E+22	2,494232E+22
1329	2,529679E+22	2,475074E+22	2,404671E+22	2,404672E+22	2,475073E+22	2,529687E+22	2,494249E+22	2,378252E+22	2,272430E+22	2,272439E+22	2,378259E+22	2,494220E+22
1330	2,529613E+22	2,474964E+22	2,404552E+22	2,404548E+22	2,474974E+22	2,529642E+22	2,494235E+22	2,378254E+22	2,272427E+22	2,272422E+22	2,378243E+22	2,494215E+22
1331	2,529606E+22	2,474950E+22	2,404554E+22	2,404587E+22	2,475029E+22	2,529699E+22	2,494273E+22	2,378256E+22	2,272405E+22	2,272402E+22	2,378250E+22	2,494273E+22
1332	2,529714E+22	2,475048E+22	2,404595E+22	2,404577E+22	2,474976E+22	2,529624E+22	2,494220E+22	2,378233E+22	2,272401E+22	2,272398E+22	2,378222E+22	2,494202E+22
1333	2,529611E+22	2,474940E+22	2,404486E+22	2,404479E+22	2,474924E+22	2,529609E+22	2,494222E+22	2,378242E+22	2,272397E+22	2,272383E+22	2,378211E+22	2,494202E+22
1334	2,529630E+22	2,475007E+22	2,404603E+22	2,404605E+22	2,475025E+22	2,529659E+22	2,494207E+22	2,378193E+22	2,272356E+22	2,272368E+22	2,378226E+22	2,494240E+22
1335	2,529665E+22	2,475010E+22	2,404587E+22	2,404567E+22	2,474952E+22	2,529598E+22	2,494178E+22	2,378176E+22	2,272343E+22	2,272357E+22	2,378210E+22	2,494206E+22
1336	2,529592E+22	2,474892E+22	2,404464E+22	2,404520E+22	2,474987E+22	2,529657E+22	2,494236E+22	2,378218E+22	2,272361E+22	2,272360E+22	2,378210E+22	2,494224E+22
1337	2,529669E+22	2,475032E+22	2,404596E+22	2,404600E+22	2,475045E+22	2,529696E+22	2,494251E+22	2,378214E+22	2,272351E+22	2,272351E+22	2,378206E+22	2,494217E+22
1338	2,529637E+22	2,474979E+22	2,404539E+22	2,404512E+22	2,474933E+22	2,529622E+22	2,494230E+22	2,378242E+22	2,272395E+22	2,272376E+22	2,378198E+22	2,494184E+22
1339	2,529594E+22	2,474942E+22	2,404539E+22	2,404560E+22	2,474990E+22	2,529665E+22	2,494265E+22	2,378271E+22	2,272428E+22	2,272413E+22	2,378235E+22	2,494236E+22
1340	2,529689E+22	2,475065E+22	2,404647E+22	2,404639E+22	2,475020E+22	2,529635E+22	2,494217E+22	2,378250E+22	2,272450E+22	2,272458E+22	2,378263E+22	2,494208E+22
1341	2,529599E+22	2,474951E+22	2,404535E+22	2,404541E+22	2,474970E+22	2,529625E+22	2,494224E+22	2,378268E+22	2,272467E+22	2,272473E+22	2,378282E+22	2,494232E+22
1342	2,529624E+22	2,474996E+22	2,404624E+22	2,404653E+22	2,475072E+22	2,529702E+22	2,494256E+22	2,378259E+22	2,272448E+22	2,272465E+22	2,378300E+22	2,494296E+22
1343	2,529720E+22	2,475075E+22	2,404664E+22	2,404650E+22	2,475018E+22	2,529640E+22	2,494231E+22	2,378267E+22	2,272462E+22	2,272469E+22	2,378285E+22	2,494253E+22
1344	2,529645E+22	2,474976E+22	2,404551E+22	2,404572E+22	2,475000E+22	2,529658E+22	2,494269E+22	2,378316E+22	2,272504E+22	2,272486E+22	2,378278E+22	2,494245E+22
1345	2,529690E+22	2,475104E+22	2,404717E+22	2,404699E+22	2,475079E+22	2,529701E+22	2,494280E+22	2,378300E+22	2,272487E+22	2,272481E+22	2,378280E+22	2,494242E+22
1346	2,529663E+22	2,475055E+22	2,404676E+22	2,404654E+22	2,475003E+22	2,529622E+22	2,494231E+22	2,378295E+22	2,272504E+22	2,272496E+22	2,378273E+22	2,494203E+22
1347	2,529593E+22	2,474963E+22	2,404589E+22	2,404634E+22	2,475050E+22	2,529680E+22	2,494263E+22	2,378297E+22	2,272496E+22	2,272497E+22	2,378295E+22	2,494254E+22
1348	2,529685E+22	2,475081E+22	2,404685E+22	2,404691E+22	2,475085E+22	2,529691E+22	2,494248E+22	2,378268E+22	2,272471E+22	2,272484E+22	2,378292E+22	2,494239E+22
1349	2,529624E+22	2,474974E+22	2,404554E+22	2,404544E+22	2,474965E+22	2,529638E+22	2,494250E+22	2,378288E+22	2,272469E+22	2,272458E+22	2,378264E+22	2,494228E+22
1350	2,529625E+22	2,474979E+22	2,404589E+22	2,404611E+22	2,475022E+22	2,529671E+22	2,494261E+22	2,378273E+22	2,272441E+22	2,272429E+22	2,378251E+22	2,494258E+22
1351	2,529711E+22	2,475080E+22	2,404657E+22	2,404638E+22	2,474997E+22	2,529607E+22	2,494202E+22	2,378240E+22	2,272428E+22	2,272430E+22	2,378247E+22	2,494210E+22
1352	2,529604E+22	2,474947E+22	2,404511E+22	2,404521E+22	2,474957E+22	2,529612E+22	2,494211E+22	2,378245E+22	2,272430E+22	2,272430E+22	2,378248E+22	2,494213E+22
1353	2,529626E+22	2,475018E+22	2,404634E+22	2,404637E+22	2,475052E+22	2,529694E+22	2,494243E+22	2,378215E+22	2,272378E+22	2,272394E+22	2,378244E+22	2,494243E+22
1354	2,529654E+22	2,475005E+22	2,404603E+22	2,404603E+22	2,474987E+22	2,529628E+22	2,494218E+22	2,378225E+22	2,272391E+22	2,272392E+22	2,378221E+22	2,494201E+22
1355	2,529600E+22	2,474922E+22	2,404484E+22	2,404528E+22	2,474987E+22	2,529657E+22	2,494252E+22	2,378260E+22	2,272418E+22	2,272406E+22	2,378229E+22	2,494225E+22
1356	2,529676E+22	2,475066E+22	2,404639E+22	2,404627E+22	2,475044E+22	2,529679E+22	2,494247E+22	2,378255E+22	2,272432E+22	2,272425E+22	2,378238E+22	2,494210E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1357	2,529623E+22	2,474989E+22	2,404570E+22	2,404541E+22	2,474938E+22	2,529607E+22	2,494233E+22	2,378281E+22	2,272467E+22	2,272454E+22	2,378251E+22	2,494199E+22
1358	2,529589E+22	2,474949E+22	2,404577E+22	2,404615E+22	2,475014E+22	2,529645E+22	2,494240E+22	2,378277E+22	2,272470E+22	2,272468E+22	2,378276E+22	2,494254E+22
1359	2,529689E+22	2,475076E+22	2,404684E+22	2,404693E+22	2,475059E+22	2,529646E+22	2,494213E+22	2,378252E+22	2,272468E+22	2,272494E+22	2,378310E+22	2,494254E+22
1360	2,529625E+22	2,474969E+22	2,404550E+22	2,404557E+22	2,474984E+22	2,529637E+22	2,494239E+22	2,378289E+22	2,272497E+22	2,272506E+22	2,378310E+22	2,494256E+22
1361	2,529657E+22	2,475047E+22	2,404672E+22	2,404672E+22	2,475068E+22	2,529710E+22	2,494289E+22	2,378301E+22	2,272489E+22	2,272486E+22	2,378295E+22	2,494277E+22
1362	2,529715E+22	2,475106E+22	2,404722E+22	2,404704E+22	2,475040E+22	2,529639E+22	2,494245E+22	2,378314E+22	2,272529E+22	2,272516E+22	2,378282E+22	2,494215E+22
1363	2,529629E+22	2,475010E+22	2,404605E+22	2,404618E+22	2,475016E+22	2,529642E+22	2,494255E+22	2,378335E+22	2,272558E+22	2,272544E+22	2,378304E+22	2,494231E+22
1364	2,529662E+22	2,475106E+22	2,404758E+22	2,404756E+22	2,475120E+22	2,529704E+22	2,494266E+22	2,378317E+22	2,272547E+22	2,272548E+22	2,378321E+22	2,494245E+22
1365	2,529637E+22	2,475032E+22	2,404675E+22	2,404675E+22	2,475034E+22	2,529648E+22	2,494256E+22	2,378325E+22	2,272548E+22	2,272548E+22	2,378320E+22	2,494232E+22
1366	2,529599E+22	2,474955E+22	2,404592E+22	2,404648E+22	2,475057E+22	2,529680E+22	2,494276E+22	2,378324E+22	2,272528E+22	2,272523E+22	2,378313E+22	2,494271E+22
1367	2,529701E+22	2,475101E+22	2,404710E+22	2,404711E+22	2,475093E+22	2,529689E+22	2,494256E+22	2,378294E+22	2,272502E+22	2,272512E+22	2,378318E+22	2,494264E+22
1368	2,529646E+22	2,475003E+22	2,404580E+22	2,404549E+22	2,474953E+22	2,529620E+22	2,494246E+22	2,378309E+22	2,272514E+22	2,272506E+22	2,378292E+22	2,494234E+22
1369	2,529634E+22	2,475018E+22	2,404644E+22	2,404641E+22	2,475019E+22	2,529660E+22	2,494264E+22	2,378293E+22	2,272478E+22	2,272467E+22	2,378269E+22	2,494250E+22
1370	2,529693E+22	2,475084E+22	2,404699E+22	2,404701E+22	2,475045E+22	2,529615E+22	2,494197E+22	2,378255E+22	2,272468E+22	2,272473E+22	2,378267E+22	2,494207E+22
1371	2,529603E+22	2,474963E+22	2,404532E+22	2,404544E+22	2,474982E+22	2,529624E+22	2,494210E+22	2,378249E+22	2,272452E+22	2,272462E+22	2,378274E+22	2,494229E+22
1372	2,529635E+22	2,475032E+22	2,404659E+22	2,404663E+22	2,475073E+22	2,529705E+22	2,494259E+22	2,378252E+22	2,272427E+22	2,272428E+22	2,378257E+22	2,494244E+22
1373	2,529656E+22	2,475018E+22	2,404620E+22	2,404611E+22	2,474990E+22	2,529631E+22	2,494245E+22	2,378278E+22	2,272452E+22	2,272435E+22	2,378236E+22	2,494197E+22
1374	2,529598E+22	2,474939E+22	2,404525E+22	2,404558E+22	2,474981E+22	2,529629E+22	2,494246E+22	2,378293E+22	2,272476E+22	2,272454E+22	2,378242E+22	2,494210E+22
1375	2,529660E+22	2,475081E+22	2,404693E+22	2,404686E+22	2,475071E+22	2,529669E+22	2,494234E+22	2,378270E+22	2,272475E+22	2,272484E+22	2,378288E+22	2,494230E+22
1376	2,529616E+22	2,474991E+22	2,404593E+22	2,404573E+22	2,474963E+22	2,529607E+22	2,494221E+22	2,378291E+22	2,272513E+22	2,272520E+22	2,378306E+22	2,494229E+22
1377	2,529600E+22	2,474969E+22	2,404613E+22	2,404641E+22	2,475032E+22	2,529666E+22	2,494264E+22	2,378300E+22	2,272502E+22	2,272504E+22	2,378304E+22	2,494271E+22
1378	2,529699E+22	2,475090E+22	2,404718E+22	2,404736E+22	2,475093E+22	2,529662E+22	2,494237E+22	2,378296E+22	2,272519E+22	2,272530E+22	2,378318E+22	2,494252E+22
1379	2,529649E+22	2,475017E+22	2,404591E+22	2,404579E+22	2,474990E+22	2,529632E+22	2,494244E+22	2,378322E+22	2,272549E+22	2,272549E+22	2,378322E+22	2,494251E+22
1380	2,529662E+22	2,475085E+22	2,404733E+22	2,404720E+22	2,475083E+22	2,529699E+22	2,494288E+22	2,378343E+22	2,272562E+22	2,272547E+22	2,378314E+22	2,494258E+22
1381	2,529691E+22	2,475110E+22	2,404759E+22	2,404748E+22	2,475066E+22	2,529641E+22	2,494254E+22	2,378354E+22	2,272595E+22	2,272585E+22	2,378325E+22	2,494218E+22
1382	2,529605E+22	2,474997E+22	2,404635E+22	2,404667E+22	2,475050E+22	2,529644E+22	2,494245E+22	2,378347E+22	2,272599E+22	2,272596E+22	2,378342E+22	2,494246E+22
1383	2,529654E+22	2,475095E+22	2,404773E+22	2,404789E+22	2,475157E+22	2,529728E+22	2,494276E+22	2,378326E+22	2,272565E+22	2,272585E+22	2,378370E+22	2,494288E+22
1384	2,529659E+22	2,475036E+22	2,404670E+22	2,404665E+22	2,475029E+22	2,529653E+22	2,494273E+22	2,378357E+22	2,272587E+22	2,272585E+22	2,378350E+22	2,494261E+22
1385	2,529635E+22	2,474999E+22	2,404627E+22	2,404646E+22	2,475034E+22	2,529669E+22	2,494291E+22	2,378360E+22	2,272568E+22	2,272547E+22	2,378313E+22	2,494264E+22
1386	2,529707E+22	2,475131E+22	2,404760E+22	2,404749E+22	2,475099E+22	2,529670E+22	2,494250E+22	2,378325E+22	2,272556E+22	2,272554E+22	2,378318E+22	2,494241E+22
1387	2,529647E+22	2,475040E+22	2,404634E+22	2,404592E+22	2,474966E+22	2,529599E+22	2,494218E+22	2,378308E+22	2,272546E+22	2,272548E+22	2,378315E+22	2,494231E+22
1388	2,529622E+22	2,475030E+22	2,404691E+22	2,404698E+22	2,475059E+22	2,529661E+22	2,494246E+22	2,378298E+22	2,272514E+22	2,272506E+22	2,378291E+22	2,494248E+22
1389	2,529673E+22	2,475070E+22	2,404707E+22	2,404726E+22	2,475082E+22	2,529649E+22	2,494226E+22	2,378285E+22	2,272502E+22	2,272506E+22	2,378290E+22	2,494218E+22
1390	2,529603E+22	2,474959E+22	2,404550E+22	2,404570E+22	2,474999E+22	2,529631E+22	2,494226E+22	2,378282E+22	2,272490E+22	2,272486E+22	2,378277E+22	2,494226E+22
1391	2,529636E+22	2,475042E+22	2,404683E+22	2,404686E+22	2,475087E+22	2,529710E+22	2,494274E+22	2,378288E+22	2,272474E+22	2,272471E+22	2,378283E+22	2,494251E+22
1392	2,529657E+22	2,475032E+22	2,404644E+22	2,404619E+22	2,474980E+22	2,529618E+22	2,494251E+22	2,378320E+22	2,272522E+22	2,272507E+22	2,378278E+22	2,494207E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1393	2,529599E+22	2,474964E+22	2,404575E+22	2,404588E+22	2,474980E+22	2,529615E+22	2,494243E+22	2,378319E+22	2,272532E+22	2,272515E+22	2,378282E+22	2,494218E+22
1394	2,529649E+22	2,475081E+22	2,404729E+22	2,404739E+22	2,475112E+22	2,529675E+22	2,494226E+22	2,378287E+22	2,272527E+22	2,272543E+22	2,378325E+22	2,494247E+22
1395	2,529636E+22	2,475017E+22	2,404622E+22	2,404598E+22	2,474983E+22	2,529614E+22	2,494216E+22	2,378292E+22	2,272537E+22	2,272559E+22	2,378341E+22	2,494258E+22
1396	2,529629E+22	2,475005E+22	2,404657E+22	2,404676E+22	2,475050E+22	2,529666E+22	2,494268E+22	2,378333E+22	2,272551E+22	2,272536E+22	2,378314E+22	2,494272E+22
1397	2,529711E+22	2,475119E+22	2,404756E+22	2,404764E+22	2,475108E+22	2,529670E+22	2,494259E+22	2,378344E+22	2,272581E+22	2,272573E+22	2,378327E+22	2,494241E+22
1398	2,529643E+22	2,475039E+22	2,404654E+22	2,404636E+22	2,475005E+22	2,529617E+22	2,494239E+22	2,378352E+22	2,272606E+22	2,272595E+22	2,378331E+22	2,494229E+22
1399	2,529638E+22	2,475089E+22	2,404784E+22	2,404788E+22	2,475130E+22	2,529710E+22	2,494288E+22	2,378362E+22	2,272606E+22	2,272605E+22	2,378360E+22	2,494267E+22
1400	2,529672E+22	2,475098E+22	2,404773E+22	2,404774E+22	2,475095E+22	2,529662E+22	2,494267E+22	2,378380E+22	2,272646E+22	2,272649E+22	2,378377E+22	2,494245E+22
1401	2,529611E+22	2,475002E+22	2,404652E+22	2,404674E+22	2,475057E+22	2,529669E+22	2,494279E+22	2,378381E+22	2,272639E+22	2,272634E+22	2,378370E+22	2,494264E+22
1402	2,529666E+22	2,475103E+22	2,404788E+22	2,404808E+22	2,475170E+22	2,529738E+22	2,494299E+22	2,378372E+22	2,272621E+22	2,272624E+22	2,378378E+22	2,494293E+22
1403	2,529693E+22	2,475083E+22	2,404700E+22	2,404666E+22	2,475010E+22	2,529628E+22	2,494261E+22	2,378376E+22	2,272633E+22	2,272629E+22	2,378368E+22	2,494265E+22
1404	2,529651E+22	2,475041E+22	2,404686E+22	2,404686E+22	2,475032E+22	2,529635E+22	2,494267E+22	2,378383E+22	2,272626E+22	2,272596E+22	2,378331E+22	2,494253E+22
1405	2,529693E+22	2,475140E+22	2,404801E+22	2,404796E+22	2,475123E+22	2,529661E+22	2,494237E+22	2,378339E+22	2,272598E+22	2,272602E+22	2,378348E+22	2,494242E+22
1406	2,529626E+22	2,475029E+22	2,404670E+22	2,404646E+22	2,475000E+22	2,529602E+22	2,494201E+22	2,378301E+22	2,272563E+22	2,272574E+22	2,378333E+22	2,494235E+22
1407	2,529615E+22	2,475022E+22	2,404708E+22	2,404734E+22	2,475101E+22	2,529698E+22	2,494265E+22	2,378304E+22	2,272520E+22	2,272527E+22	2,378318E+22	2,494265E+22
1408	2,529682E+22	2,475074E+22	2,404709E+22	2,404721E+22	2,475082E+22	2,529665E+22	2,494254E+22	2,378326E+22	2,272546E+22	2,272539E+22	2,378304E+22	2,494225E+22
1409	2,529619E+22	2,474990E+22	2,404584E+22	2,404572E+22	2,474984E+22	2,529631E+22	2,494247E+22	2,378328E+22	2,272548E+22	2,272525E+22	2,378281E+22	2,494209E+22
1410	2,529627E+22	2,475054E+22	2,404724E+22	2,404726E+22	2,475099E+22	2,529699E+22	2,494273E+22	2,378327E+22	2,272545E+22	2,272534E+22	2,378298E+22	2,494236E+22
1411	2,529656E+22	2,475053E+22	2,404681E+22	2,404654E+22	2,474991E+22	2,529599E+22	2,494224E+22	2,378325E+22	2,272572E+22	2,272574E+22	2,378327E+22	2,494224E+22
1412	2,529599E+22	2,474976E+22	2,404617E+22	2,404639E+22	2,475011E+22	2,529612E+22	2,494227E+22	2,378333E+22	2,272578E+22	2,272567E+22	2,378322E+22	2,494238E+22
1413	2,529654E+22	2,475083E+22	2,404747E+22	2,404766E+22	2,475137E+22	2,529696E+22	2,494249E+22	2,378318E+22	2,272567E+22	2,272585E+22	2,378357E+22	2,494269E+22
1414	2,529652E+22	2,475035E+22	2,404664E+22	2,404639E+22	2,474999E+22	2,529616E+22	2,494224E+22	2,378321E+22	2,272577E+22	2,272587E+22	2,378347E+22	2,494257E+22
1415	2,529643E+22	2,475039E+22	2,404707E+22	2,404719E+22	2,475077E+22	2,529680E+22	2,494282E+22	2,378362E+22	2,272594E+22	2,272582E+22	2,378338E+22	2,494268E+22
1416	2,529708E+22	2,475142E+22	2,404798E+22	2,404793E+22	2,475116E+22	2,529672E+22	2,494273E+22	2,378390E+22	2,272653E+22	2,272643E+22	2,378363E+22	2,494241E+22
1417	2,529637E+22	2,475058E+22	2,404704E+22	2,404680E+22	2,475026E+22	2,529625E+22	2,494247E+22	2,378386E+22	2,272668E+22	2,272658E+22	2,378367E+22	2,494232E+22
1418	2,529621E+22	2,475074E+22	2,404802E+22	2,404833E+22	2,475172E+22	2,529731E+22	2,494298E+22	2,378392E+22	2,272664E+22	2,272666E+22	2,378392E+22	2,494282E+22
1419	2,529690E+22	2,475113E+22	2,404784E+22	2,404782E+22	2,475100E+22	2,529667E+22	2,494274E+22	2,378398E+22	2,272683E+22	2,272695E+22	2,378417E+22	2,494276E+22
1420	2,529643E+22	2,475037E+22	2,404687E+22	2,404693E+22	2,475047E+22	2,529645E+22	2,494275E+22	2,378417E+22	2,272689E+22	2,272667E+22	2,378381E+22	2,494266E+22
1421	2,529679E+22	2,475132E+22	2,404821E+22	2,404822E+22	2,475159E+22	2,529721E+22	2,494299E+22	2,378405E+22	2,272674E+22	2,272668E+22	2,378390E+22	2,494282E+22
1422	2,529688E+22	2,475107E+22	2,404764E+22	2,404725E+22	2,475019E+22	2,529599E+22	2,494230E+22	2,378374E+22	2,272664E+22	2,272663E+22	2,378376E+22	2,494246E+22
1423	2,529634E+22	2,475049E+22	2,404733E+22	2,404752E+22	2,475080E+22	2,529644E+22	2,494248E+22	2,378367E+22	2,272637E+22	2,272633E+22	2,378366E+22	2,494255E+22
1424	2,529676E+22	2,475129E+22	2,404811E+22	2,404823E+22	2,475156E+22	2,529693E+22	2,494253E+22	2,378353E+22	2,272626E+22	2,272639E+22	2,378379E+22	2,494258E+22
1425	2,529630E+22	2,475033E+22	2,404685E+22	2,404662E+22	2,475018E+22	2,529637E+22	2,494237E+22	2,378335E+22	2,272593E+22	2,272595E+22	2,378341E+22	2,494236E+22
1426	2,529616E+22	2,475019E+22	2,404714E+22	2,404753E+22	2,475120E+22	2,529719E+22	2,494299E+22	2,378358E+22	2,272580E+22	2,272564E+22	2,378315E+22	2,494252E+22
1427	2,529697E+22	2,475104E+22	2,404731E+22	2,404723E+22	2,475066E+22	2,529652E+22	2,494258E+22	2,378358E+22	2,272606E+22	2,272598E+22	2,378332E+22	2,494225E+22
1428	2,529622E+22	2,475019E+22	2,404633E+22	2,404609E+22	2,474974E+22	2,529594E+22	2,494232E+22	2,378365E+22	2,272618E+22	2,272591E+22	2,378316E+22	2,494208E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1429	2,529614E+22	2,475057E+22	2,404750E+22	2,404762E+22	2,475115E+22	2,529691E+22	2,494262E+22	2,378348E+22	2,272603E+22	2,272603E+22	2,378350E+22	2,494256E+22
1430	2,529653E+22	2,475054E+22	2,404716E+22	2,404704E+22	2,475017E+22	2,529597E+22	2,494203E+22	2,378316E+22	2,272594E+22	2,272614E+22	2,378363E+22	2,494250E+22
1431	2,529619E+22	2,474993E+22	2,404647E+22	2,404680E+22	2,475047E+22	2,529636E+22	2,494237E+22	2,378334E+22	2,272588E+22	2,272596E+22	2,378356E+22	2,494263E+22
1432	2,529680E+22	2,475114E+22	2,404775E+22	2,404781E+22	2,475138E+22	2,529706E+22	2,494273E+22	2,378361E+22	2,272617E+22	2,272621E+22	2,378370E+22	2,494273E+22
1433	2,529671E+22	2,475082E+22	2,404722E+22	2,404674E+22	2,475003E+22	2,529621E+22	2,494243E+22	2,378366E+22	2,272638E+22	2,272629E+22	2,378347E+22	2,494229E+22
1434	2,529627E+22	2,475057E+22	2,404762E+22	2,404785E+22	2,475113E+22	2,529689E+22	2,494294E+22	2,378406E+22	2,272669E+22	2,272647E+22	2,378349E+22	2,494242E+22
1435	2,529694E+22	2,475157E+22	2,404836E+22	2,404837E+22	2,475140E+22	2,529672E+22	2,494264E+22	2,378406E+22	2,272708E+22	2,272714E+22	2,378412E+22	2,494252E+22
1436	2,529628E+22	2,475060E+22	2,404735E+22	2,404725E+22	2,475051E+22	2,529629E+22	2,494254E+22	2,378420E+22	2,272724E+22	2,272715E+22	2,378409E+22	2,494251E+22
1437	2,529622E+22	2,475069E+22	2,404804E+22	2,404847E+22	2,475185E+22	2,529745E+22	2,494323E+22	2,378433E+22	2,272716E+22	2,272716E+22	2,378427E+22	2,494303E+22
1438	2,529701E+22	2,475127E+22	2,404811E+22	2,404805E+22	2,475095E+22	2,529649E+22	2,494267E+22	2,378418E+22	2,272723E+22	2,272730E+22	2,378432E+22	2,494282E+22
1439	2,529660E+22	2,475072E+22	2,404731E+22	2,404727E+22	2,475058E+22	2,529640E+22	2,494268E+22	2,378422E+22	2,272718E+22	2,272712E+22	2,378413E+22	2,494268E+22
1440	2,529680E+22	2,475157E+22	2,404862E+22	2,404851E+22	2,475156E+22	2,529706E+22	2,494293E+22	2,378424E+22	2,272720E+22	2,272720E+22	2,378423E+22	2,494287E+22
1441	2,529683E+22	2,475124E+22	2,404807E+22	2,404773E+22	2,475050E+22	2,529610E+22	2,494223E+22	2,378381E+22	2,272693E+22	2,272698E+22	2,378396E+22	2,494244E+22
1442	2,529620E+22	2,475041E+22	2,404749E+22	2,404798E+22	2,475131E+22	2,529682E+22	2,494266E+22	2,378383E+22	2,272665E+22	2,272661E+22	2,378373E+22	2,494256E+22
1443	2,529689E+22	2,475141E+22	2,404814E+22	2,404826E+22	2,475161E+22	2,529709E+22	2,494274E+22	2,378375E+22	2,272653E+22	2,272665E+22	2,378396E+22	2,494269E+22
1444	2,529648E+22	2,475060E+22	2,404711E+22	2,404679E+22	2,475008E+22	2,529621E+22	2,494254E+22	2,378388E+22	2,272650E+22	2,272627E+22	2,378343E+22	2,494225E+22
1445	2,529613E+22	2,475034E+22	2,404732E+22	2,404763E+22	2,475108E+22	2,529704E+22	2,494309E+22	2,378405E+22	2,272649E+22	2,272623E+22	2,378338E+22	2,494240E+22
1446	2,529675E+22	2,475112E+22	2,404779E+22	2,404771E+22	2,475066E+22	2,529620E+22	2,494232E+22	2,378367E+22	2,272652E+22	2,272654E+22	2,378365E+22	2,494223E+22
1447	2,529611E+22	2,475028E+22	2,404672E+22	2,404665E+22	2,475013E+22	2,529599E+22	2,494212E+22	2,378348E+22	2,272638E+22	2,272647E+22	2,378372E+22	2,494229E+22
1448	2,529613E+22	2,475062E+22	2,404767E+22	2,404784E+22	2,475131E+22	2,529706E+22	2,494273E+22	2,378365E+22	2,272638E+22	2,272650E+22	2,378393E+22	2,494288E+22
1449	2,529678E+22	2,475082E+22	2,404747E+22	2,404733E+22	2,475040E+22	2,529621E+22	2,494225E+22	2,378345E+22	2,272628E+22	2,272639E+22	2,378373E+22	2,494255E+22
1450	2,529635E+22	2,475020E+22	2,404680E+22	2,404719E+22	2,475075E+22	2,529656E+22	2,494264E+22	2,378382E+22	2,272648E+22	2,272633E+22	2,378349E+22	2,494247E+22
1451	2,529696E+22	2,475157E+22	2,404821E+22	2,404809E+22	2,475139E+22	2,529701E+22	2,494284E+22	2,378398E+22	2,272681E+22	2,272682E+22	2,378396E+22	2,494266E+22
1452	2,529666E+22	2,475112E+22	2,404787E+22	2,404738E+22	2,475016E+22	2,529596E+22	2,494241E+22	2,378413E+22	2,272712E+22	2,272696E+22	2,378380E+22	2,494219E+22
1453	2,529599E+22	2,475046E+22	2,404781E+22	2,404827E+22	2,475144E+22	2,529698E+22	2,494298E+22	2,378438E+22	2,272737E+22	2,272724E+22	2,378405E+22	2,494255E+22
1454	2,529672E+22	2,475144E+22	2,404859E+22	2,404878E+22	2,475166E+22	2,529681E+22	2,494261E+22	2,378410E+22	2,272740E+22	2,272763E+22	2,378455E+22	2,494280E+22
1455	2,529645E+22	2,475074E+22	2,404753E+22	2,404749E+22	2,475071E+22	2,529642E+22	2,494263E+22	2,378426E+22	2,272745E+22	2,272755E+22	2,378449E+22	2,494277E+22
1456	2,529649E+22	2,475102E+22	2,404825E+22	2,404847E+22	2,475165E+22	2,529733E+22	2,494336E+22	2,378474E+22	2,272770E+22	2,272758E+22	2,378448E+22	2,494314E+22
1457	2,529726E+22	2,475176E+22	2,404864E+22	2,404837E+22	2,475097E+22	2,529637E+22	2,494261E+22	2,378440E+22	2,272767E+22	2,272765E+22	2,378436E+22	2,494265E+22
1458	2,529651E+22	2,475095E+22	2,404783E+22	2,404791E+22	2,475095E+22	2,529642E+22	2,494264E+22	2,378440E+22	2,272761E+22	2,272751E+22	2,378417E+22	2,494252E+22
1459	2,529673E+22	2,475171E+22	2,404895E+22	2,404892E+22	2,475184E+22	2,529714E+22	2,494287E+22	2,378426E+22	2,272746E+22	2,272761E+22	2,378456E+22	2,494296E+22
1460	2,529676E+22	2,475128E+22	2,404836E+22	2,404817E+22	2,475076E+22	2,529621E+22	2,494246E+22	2,378415E+22	2,272728E+22	2,272725E+22	2,378411E+22	2,494245E+22
1461	2,529612E+22	2,475035E+22	2,404745E+22	2,404806E+22	2,475145E+22	2,529705E+22	2,494305E+22	2,378434E+22	2,272718E+22	2,272701E+22	2,378390E+22	2,494253E+22
1462	2,529677E+22	2,475148E+22	2,404837E+22	2,404842E+22	2,475157E+22	2,529697E+22	2,494278E+22	2,378405E+22	2,272700E+22	2,272704E+22	2,378408E+22	2,494263E+22
1463	2,529649E+22	2,475084E+22	2,404745E+22	2,404705E+22	2,475012E+22	2,529611E+22	2,494251E+22	2,378402E+22	2,272695E+22	2,272689E+22	2,378387E+22	2,494229E+22
1464	2,529607E+22	2,475049E+22	2,404761E+22	2,404783E+22	2,475097E+22	2,529677E+22	2,494300E+22	2,378432E+22	2,272709E+22	2,272692E+22	2,378391E+22	2,494262E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1465	2,529677E+22	2,475125E+22	2,404808E+22	2,404809E+22	2,475093E+22	2,529621E+22	2,494215E+22	2,378369E+22	2,272685E+22	2,272701E+22	2,378405E+22	2,494245E+22
1466	2,529617E+22	2,475036E+22	2,404697E+22	2,404710E+22	2,475058E+22	2,529629E+22	2,494225E+22	2,378358E+22	2,272662E+22	2,272675E+22	2,378389E+22	2,494249E+22
1467	2,529647E+22	2,475098E+22	2,404793E+22	2,404799E+22	2,475133E+22	2,529707E+22	2,494284E+22	2,378382E+22	2,272663E+22	2,272675E+22	2,378410E+22	2,494301E+22
1468	2,529702E+22	2,475128E+22	2,404800E+22	2,404774E+22	2,475043E+22	2,529605E+22	2,494241E+22	2,378397E+22	2,272684E+22	2,272670E+22	2,378368E+22	2,494232E+22
1469	2,529626E+22	2,475046E+22	2,404724E+22	2,404761E+22	2,475091E+22	2,529656E+22	2,494278E+22	2,378430E+22	2,272721E+22	2,272695E+22	2,378367E+22	2,494219E+22
1470	2,529653E+22	2,475159E+22	2,404875E+22	2,404872E+22	2,475163E+22	2,529687E+22	2,494269E+22	2,378415E+22	2,272733E+22	2,272742E+22	2,378429E+22	2,494259E+22
1471	2,529642E+22	2,475109E+22	2,404817E+22	2,404794E+22	2,475067E+22	2,529619E+22	2,494243E+22	2,378417E+22	2,272751E+22	2,272765E+22	2,378441E+22	2,494242E+22
1472	2,529593E+22	2,475042E+22	2,404785E+22	2,404836E+22	2,475153E+22	2,529713E+22	2,494325E+22	2,378477E+22	2,272788E+22	2,272783E+22	2,378458E+22	2,494295E+22
1473	2,529695E+22	2,475162E+22	2,404874E+22	2,404891E+22	2,475178E+22	2,529692E+22	2,494280E+22	2,378447E+22	2,272786E+22	2,272800E+22	2,378476E+22	2,494295E+22
1474	2,529667E+22	2,475108E+22	2,404788E+22	2,404777E+22	2,475086E+22	2,529649E+22	2,494278E+22	2,378464E+22	2,272798E+22	2,272792E+22	2,378452E+22	2,494276E+22
1475	2,529674E+22	2,475150E+22	2,404876E+22	2,404870E+22	2,475152E+22	2,529705E+22	2,494326E+22	2,378494E+22	2,272819E+22	2,272811E+22	2,378476E+22	2,494316E+22
1476	2,529728E+22	2,475211E+22	2,404929E+22	2,404902E+22	2,475113E+22	2,529609E+22	2,494250E+22	2,378470E+22	2,272817E+22	2,272810E+22	2,378457E+22	2,494257E+22
1477	2,529630E+22	2,475092E+22	2,404807E+22	2,404837E+22	2,475137E+22	2,529659E+22	2,494268E+22	2,378459E+22	2,272805E+22	2,272801E+22	2,378450E+22	2,494253E+22
1478	2,529646E+22	2,475159E+22	2,404918E+22	2,404927E+22	2,475211E+22	2,529728E+22	2,494295E+22	2,378433E+22	2,272763E+22	2,272784E+22	2,378475E+22	2,494307E+22
1479	2,529684E+22	2,475139E+22	2,404851E+22	2,404837E+22	2,475097E+22	2,529638E+22	2,494266E+22	2,378432E+22	2,272752E+22	2,272757E+22	2,378433E+22	2,494250E+22
1480	2,529618E+22	2,475053E+22	2,404757E+22	2,404796E+22	2,475123E+22	2,529692E+22	2,494324E+22	2,378484E+22	2,272781E+22	2,272750E+22	2,378411E+22	2,494256E+22
1481	2,529680E+22	2,475172E+22	2,404871E+22	2,404866E+22	2,475162E+22	2,529682E+22	2,494268E+22	2,378429E+22	2,272752E+22	2,272753E+22	2,378427E+22	2,494253E+22
1482	2,529636E+22	2,475095E+22	2,404783E+22	2,404754E+22	2,475044E+22	2,529608E+22	2,494238E+22	2,378414E+22	2,272738E+22	2,272736E+22	2,378410E+22	2,494236E+22
1483	2,529611E+22	2,475061E+22	2,404788E+22	2,404812E+22	2,475114E+22	2,529671E+22	2,494286E+22	2,378430E+22	2,272736E+22	2,272739E+22	2,378437E+22	2,494294E+22
1484	2,529692E+22	2,475144E+22	2,404845E+22	2,404850E+22	2,475112E+22	2,529620E+22	2,494230E+22	2,378397E+22	2,272711E+22	2,272722E+22	2,378419E+22	2,494256E+22
1485	2,529625E+22	2,475048E+22	2,404713E+22	2,404730E+22	2,475078E+22	2,529646E+22	2,494253E+22	2,378403E+22	2,272710E+22	2,272709E+22	2,378399E+22	2,494242E+22
1486	2,529638E+22	2,475120E+22	2,404840E+22	2,404833E+22	2,475142E+22	2,529704E+22	2,494291E+22	2,378410E+22	2,272707E+22	2,272711E+22	2,378416E+22	2,494287E+22
1487	2,529698E+22	2,475158E+22	2,404853E+22	2,404822E+22	2,475069E+22	2,529607E+22	2,494244E+22	2,378417E+22	2,272736E+22	2,272736E+22	2,378404E+22	2,494223E+22
1488	2,529605E+22	2,475053E+22	2,404758E+22	2,404792E+22	2,475102E+22	2,529649E+22	2,494286E+22	2,378475E+22	2,272796E+22	2,272774E+22	2,378421E+22	2,494237E+22
1489	2,529643E+22	2,475154E+22	2,404893E+22	2,404912E+22	2,475207E+22	2,529705E+22	2,494268E+22	2,378432E+22	2,272782E+22	2,272800E+22	2,378472E+22	2,494282E+22
1490	2,529647E+22	2,475112E+22	2,404832E+22	2,404824E+22	2,475103E+22	2,529647E+22	2,494267E+22	2,378447E+22	2,272792E+22	2,272803E+22	2,378467E+22	2,494273E+22
1491	2,529632E+22	2,475076E+22	2,404809E+22	2,404838E+22	2,475137E+22	2,529697E+22	2,494334E+22	2,378509E+22	2,272833E+22	2,272824E+22	2,378486E+22	2,494319E+22
1492	2,529729E+22	2,475215E+22	2,404934E+22	2,404924E+22	2,475163E+22	2,529659E+22	2,494284E+22	2,378495E+22	2,272843E+22	2,272837E+22	2,378480E+22	2,494282E+22
1493	2,529666E+22	2,475141E+22	2,404844E+22	2,404824E+22	2,475101E+22	2,529638E+22	2,494276E+22	2,378495E+22	2,272859E+22	2,272849E+22	2,378472E+22	2,494253E+22
1494	2,529641E+22	2,475163E+22	2,404940E+22	2,404937E+22	2,475184E+22	2,529693E+22	2,494300E+22	2,378490E+22	2,272848E+22	2,272853E+22	2,378501E+22	2,494312E+22
1495	2,529712E+22	2,475212E+22	2,404963E+22	2,404959E+22	2,475173E+22	2,529641E+22	2,494251E+22	2,378464E+22	2,272839E+22	2,272857E+22	2,378495E+22	2,494266E+22
1496	2,529621E+22	2,475085E+22	2,404814E+22	2,404847E+22	2,475153E+22	2,529683E+22	2,494303E+22	2,378502E+22	2,272851E+22	2,272842E+22	2,378481E+22	2,494275E+22
1497	2,529654E+22	2,475159E+22	2,404919E+22	2,404936E+22	2,475229E+22	2,529743E+22	2,494317E+22	2,378474E+22	2,272810E+22	2,272815E+22	2,378482E+22	2,494306E+22
1498	2,529689E+22	2,475156E+22	2,404874E+22	2,404853E+22	2,475109E+22	2,529648E+22	2,494287E+22	2,378477E+22	2,272809E+22	2,272797E+22	2,378442E+22	2,494252E+22
1499	2,529632E+22	2,475082E+22	2,404793E+22	2,404804E+22	2,475097E+22	2,529654E+22	2,494309E+22	2,378505E+22	2,272832E+22	2,272810E+22	2,378452E+22	2,494270E+22
1500	2,529682E+22	2,475190E+22	2,404916E+22	2,404908E+22	2,475163E+22	2,529648E+22	2,494251E+22	2,378450E+22	2,272796E+22	2,272801E+22	2,378460E+22	2,494264E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1501	2,529629E+22	2,475093E+22	2,404803E+22	2,404789E+22	2,475080E+22	2,529622E+22	2,494234E+22	2,378418E+22	2,272768E+22	2,272779E+22	2,378446E+22	2,494250E+22
1502	2,529605E+22	2,475068E+22	2,404819E+22	2,404841E+22	2,475131E+22	2,529673E+22	2,494279E+22	2,378425E+22	2,272741E+22	2,272751E+22	2,378450E+22	2,494310E+22
1503	2,529716E+22	2,475175E+22	2,404878E+22	2,404879E+22	2,475137E+22	2,529633E+22	2,494241E+22	2,378412E+22	2,272737E+22	2,272748E+22	2,378427E+22	2,494252E+22
1504	2,529633E+22	2,475080E+22	2,404753E+22	2,404746E+22	2,475072E+22	2,529637E+22	2,494272E+22	2,378456E+22	2,272777E+22	2,272757E+22	2,378411E+22	2,494230E+22
1505	2,529627E+22	2,475135E+22	2,404883E+22	2,404880E+22	2,475170E+22	2,529701E+22	2,494290E+22	2,378445E+22	2,272768E+22	2,272764E+22	2,378430E+22	2,494265E+22
1506	2,529671E+22	2,475160E+22	2,404895E+22	2,404881E+22	2,475120E+22	2,529629E+22	2,494254E+22	2,378449E+22	2,272794E+22	2,272791E+22	2,378435E+22	2,494231E+22
1507	2,529600E+22	2,475055E+22	2,404780E+22	2,404812E+22	2,475115E+22	2,529654E+22	2,494292E+22	2,378497E+22	2,272846E+22	2,272839E+22	2,378478E+22	2,494273E+22
1508	2,529659E+22	2,475166E+22	2,404921E+22	2,404938E+22	2,475214E+22	2,529704E+22	2,494294E+22	2,378482E+22	2,272834E+22	2,272844E+22	2,378501E+22	2,494302E+22
1509	2,529666E+22	2,475131E+22	2,404854E+22	2,404843E+22	2,475115E+22	2,529652E+22	2,494285E+22	2,378495E+22	2,272859E+22	2,272858E+22	2,378493E+22	2,494276E+22
1510	2,529635E+22	2,475113E+22	2,404868E+22	2,404872E+22	2,475135E+22	2,529672E+22	2,494318E+22	2,378527E+22	2,272881E+22	2,272871E+22	2,378508E+22	2,494320E+22
1511	2,529738E+22	2,475255E+22	2,405000E+22	2,404982E+22	2,475189E+22	2,529649E+22	2,494268E+22	2,378501E+22	2,272889E+22	2,272901E+22	2,378517E+22	2,494279E+22
1512	2,529652E+22	2,475152E+22	2,404889E+22	2,404869E+22	2,475125E+22	2,529637E+22	2,494274E+22	2,378522E+22	2,272915E+22	2,272911E+22	2,378517E+22	2,494270E+22
1513	2,529632E+22	2,475156E+22	2,404957E+22	2,404984E+22	2,475242E+22	2,529725E+22	2,494305E+22	2,378499E+22	2,272876E+22	2,272887E+22	2,378523E+22	2,494321E+22
1514	2,529714E+22	2,475215E+22	2,404976E+22	2,404984E+22	2,475212E+22	2,529682E+22	2,494286E+22	2,378495E+22	2,272866E+22	2,272872E+22	2,378501E+22	2,494281E+22
1515	2,529645E+22	2,475106E+22	2,404828E+22	2,404838E+22	2,475134E+22	2,529674E+22	2,494319E+22	2,378543E+22	2,272900E+22	2,272879E+22	2,378499E+22	2,494285E+22
1516	2,529672E+22	2,475189E+22	2,404959E+22	2,404954E+22	2,475209E+22	2,529713E+22	2,494324E+22	2,378521E+22	2,272867E+22	2,272853E+22	2,378485E+22	2,494289E+22
1517	2,529676E+22	2,475165E+22	2,404907E+22	2,404883E+22	2,475114E+22	2,529630E+22	2,494276E+22	2,378503E+22	2,272869E+22	2,272857E+22	2,378470E+22	2,494237E+22
1518	2,529602E+22	2,475085E+22	2,404838E+22	2,404848E+22	2,475113E+22	2,529633E+22	2,494274E+22	2,378493E+22	2,272853E+22	2,272850E+22	2,378487E+22	2,494285E+22
1519	2,529684E+22	2,475197E+22	2,404946E+22	2,404947E+22	2,475200E+22	2,529663E+22	2,494242E+22	2,378437E+22	2,272811E+22	2,272840E+22	2,378493E+22	2,494280E+22
1520	2,529637E+22	2,475101E+22	2,404820E+22	2,404801E+22	2,475088E+22	2,529635E+22	2,494259E+22	2,378454E+22	2,272807E+22	2,272810E+22	2,378464E+22	2,494266E+22
1521	2,529623E+22	2,475085E+22	2,404838E+22	2,404867E+22	2,475160E+22	2,529688E+22	2,494291E+22	2,378456E+22	2,272781E+22	2,272773E+22	2,378442E+22	2,494294E+22
1522	2,529720E+22	2,475203E+22	2,404921E+22	2,404914E+22	2,475163E+22	2,529654E+22	2,494264E+22	2,378456E+22	2,272794E+22	2,272783E+22	2,378429E+22	2,494241E+22
1523	2,529632E+22	2,475101E+22	2,404800E+22	2,404776E+22	2,475067E+22	2,529616E+22	2,494271E+22	2,378495E+22	2,272847E+22	2,272829E+22	2,378455E+22	2,494239E+22
1524	2,529617E+22	2,475137E+22	2,404923E+22	2,404929E+22	2,475188E+22	2,529690E+22	2,494293E+22	2,378484E+22	2,272832E+22	2,272830E+22	2,378472E+22	2,494274E+22
1525	2,529656E+22	2,475147E+22	2,404908E+22	2,404913E+22	2,475154E+22	2,529653E+22	2,494268E+22	2,378477E+22	2,272852E+22	2,272860E+22	2,378487E+22	2,494252E+22
1526	2,529601E+22	2,475067E+22	2,404811E+22	2,404832E+22	2,475118E+22	2,529648E+22	2,494289E+22	2,378510E+22	2,272876E+22	2,272876E+22	2,378510E+22	2,494303E+22
1527	2,529696E+22	2,475207E+22	2,404961E+22	2,404962E+22	2,475221E+22	2,529699E+22	2,494291E+22	2,378501E+22	2,272882E+22	2,272894E+22	2,378522E+22	2,494307E+22
1528	2,529685E+22	2,475175E+22	2,404909E+22	2,404872E+22	2,475110E+22	2,529634E+22	2,494286E+22	2,378535E+22	2,272925E+22	2,272916E+22	2,378516E+22	2,494275E+22
1529	2,529638E+22	2,475138E+22	2,404920E+22	2,404936E+22	2,475176E+22	2,529666E+22	2,494297E+22	2,378537E+22	2,272925E+22	2,272917E+22	2,378523E+22	2,494306E+22
1530	2,529722E+22	2,475265E+22	2,405048E+22	2,405049E+22	2,475253E+22	2,529685E+22	2,494279E+22	2,378518E+22	2,272924E+22	2,272934E+22	2,378539E+22	2,494290E+22
1531	2,529651E+22	2,475153E+22	2,404915E+22	2,404898E+22	2,475145E+22	2,529654E+22	2,494290E+22	2,378544E+22	2,272951E+22	2,272954E+22	2,378552E+22	2,494292E+22
1532	2,529641E+22	2,475156E+22	2,404973E+22	2,405003E+22	2,475246E+22	2,529736E+22	2,494345E+22	2,378553E+22	2,272923E+22	2,272916E+22	2,378529E+22	2,494317E+22
1533	2,529715E+22	2,475221E+22	2,404985E+22	2,404992E+22	2,475219E+22	2,529696E+22	2,494314E+22	2,378548E+22	2,272934E+22	2,272923E+22	2,378515E+22	2,494265E+22
1534	2,529633E+22	2,475130E+22	2,404869E+22	2,404850E+22	2,475111E+22	2,529642E+22	2,494303E+22	2,378560E+22	2,272945E+22	2,272927E+22	2,378522E+22	2,494285E+22
1535	2,529675E+22	2,475213E+22	2,405001E+22	2,404989E+22	2,475213E+22	2,529690E+22	2,494296E+22	2,378524E+22	2,272914E+22	2,272918E+22	2,378524E+22	2,494293E+22
1536	2,529669E+22	2,475169E+22	2,404935E+22	2,404914E+22	2,475125E+22	2,529618E+22	2,494259E+22	2,378512E+22	2,272912E+22	2,272913E+22	2,378517E+22	2,494265E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1537	2,529609E+22	2,475081E+22	2,404848E+22	2,404887E+22	2,475157E+22	2,529649E+22	2,494261E+22	2,378482E+22	2,272863E+22	2,272870E+22	2,378504E+22	2,494299E+22
1538	2,529701E+22	2,475216E+22	2,404970E+22	2,404975E+22	2,475231E+22	2,529697E+22	2,494269E+22	2,378459E+22	2,272826E+22	2,272840E+22	2,378491E+22	2,494292E+22
1539	2,529662E+22	2,475135E+22	2,404856E+22	2,404813E+22	2,475075E+22	2,529626E+22	2,494271E+22	2,378491E+22	2,272853E+22	2,272843E+22	2,378471E+22	2,494261E+22
1540	2,529630E+22	2,475115E+22	2,404891E+22	2,404904E+22	2,475157E+22	2,529677E+22	2,494309E+22	2,378506E+22	2,272844E+22	2,272818E+22	2,378440E+22	2,494259E+22
1541	2,529691E+22	2,475207E+22	2,404961E+22	2,404964E+22	2,475194E+22	2,529662E+22	2,494270E+22	2,378493E+22	2,272866E+22	2,272857E+22	2,378462E+22	2,494220E+22
1542	2,529593E+22	2,475096E+22	2,404839E+22	2,404823E+22	2,475092E+22	2,529614E+22	2,494255E+22	2,378501E+22	2,272890E+22	2,272890E+22	2,378505E+22	2,494263E+22
1543	2,529621E+22	2,475138E+22	2,404942E+22	2,404963E+22	2,475218E+22	2,529710E+22	2,494297E+22	2,378496E+22	2,272877E+22	2,272893E+22	2,378521E+22	2,494303E+22
1544	2,529673E+22	2,475155E+22	2,404920E+22	2,404921E+22	2,475154E+22	2,529657E+22	2,494291E+22	2,378525E+22	2,272913E+22	2,272918E+22	2,378529E+22	2,494284E+22
1545	2,529632E+22	2,475094E+22	2,404838E+22	2,404864E+22	2,475139E+22	2,529648E+22	2,494288E+22	2,378535E+22	2,272924E+22	2,272917E+22	2,378524E+22	2,494305E+22
1546	2,529716E+22	2,475256E+22	2,405021E+22	2,405007E+22	2,475237E+22	2,529704E+22	2,494300E+22	2,378531E+22	2,272929E+22	2,272931E+22	2,378537E+22	2,494309E+22
1547	2,529692E+22	2,475207E+22	2,404971E+22	2,404920E+22	2,475115E+22	2,529613E+22	2,494275E+22	2,378559E+22	2,272981E+22	2,272977E+22	2,378554E+22	2,494283E+22
1548	2,529637E+22	2,475151E+22	2,404967E+22	2,404996E+22	2,475210E+22	2,529677E+22	2,494305E+22	2,378561E+22	2,272969E+22	2,272962E+22	2,378544E+22	2,494301E+22
1549	2,529706E+22	2,475257E+22	2,405061E+22	2,405082E+22	2,475294E+22	2,529725E+22	2,494306E+22	2,378547E+22	2,272968E+22	2,272981E+22	2,378565E+22	2,494288E+22
1550	2,529642E+22	2,475163E+22	2,404938E+22	2,404913E+22	2,475144E+22	2,529656E+22	2,494305E+22	2,378571E+22	2,272984E+22	2,272982E+22	2,378569E+22	2,494304E+22
1551	2,529660E+22	2,475183E+22	2,404998E+22	2,405018E+22	2,475241E+22	2,529726E+22	2,494345E+22	2,378583E+22	2,272981E+22	2,272968E+22	2,378543E+22	2,494305E+22
1552	2,529710E+22	2,475240E+22	2,405019E+22	2,405008E+22	2,475202E+22	2,529670E+22	2,494311E+22	2,378586E+22	2,273003E+22	2,272990E+22	2,378547E+22	2,494263E+22
1553	2,529625E+22	2,475136E+22	2,404901E+22	2,404902E+22	2,475140E+22	2,529626E+22	2,494270E+22	2,378554E+22	2,272979E+22	2,272973E+22	2,378547E+22	2,494282E+22
1554	2,529666E+22	2,475222E+22	2,405032E+22	2,405035E+22	2,475253E+22	2,529711E+22	2,494293E+22	2,378522E+22	2,272930E+22	2,272942E+22	2,378553E+22	2,494318E+22
1555	2,529680E+22	2,475177E+22	2,404955E+22	2,404937E+22	2,475135E+22	2,529625E+22	2,494266E+22	2,378524E+22	2,272934E+22	2,272943E+22	2,378546E+22	2,494291E+22
1556	2,529633E+22	2,475100E+22	2,404872E+22	2,404912E+22	2,475165E+22	2,529661E+22	2,494293E+22	2,378520E+22	2,272896E+22	2,272887E+22	2,378499E+22	2,494287E+22
1557	2,529702E+22	2,475233E+22	2,404994E+22	2,404998E+22	2,475248E+22	2,529719E+22	2,494298E+22	2,378506E+22	2,272886E+22	2,272885E+22	2,378496E+22	2,494263E+22
1558	2,529645E+22	2,475162E+22	2,404907E+22	2,404846E+22	2,475069E+22	2,529609E+22	2,494268E+22	2,378515E+22	2,272904E+22	2,272895E+22	2,378497E+22	2,494255E+22
1559	2,529621E+22	2,475127E+22	2,404927E+22	2,404950E+22	2,475177E+22	2,529669E+22	2,494295E+22	2,378526E+22	2,272911E+22	2,272897E+22	2,378486E+22	2,494259E+22
1560	2,529670E+22	2,475198E+22	2,404978E+22	2,404996E+22	2,475215E+22	2,529669E+22	2,494273E+22	2,378519E+22	2,272928E+22	2,272934E+22	2,378524E+22	2,494255E+22
1561	2,529603E+22	2,475090E+22	2,404841E+22	2,404854E+22	2,475125E+22	2,529627E+22	2,494252E+22	2,378505E+22	2,272917E+22	2,272929E+22	2,378538E+22	2,494289E+22
1562	2,529652E+22	2,475170E+22	2,404966E+22	2,404981E+22	2,475229E+22	2,529727E+22	2,494322E+22	2,378529E+22	2,272909E+22	2,272912E+22	2,378538E+22	2,494330E+22
1563	2,529711E+22	2,475206E+22	2,404968E+22	2,404941E+22	2,475135E+22	2,529630E+22	2,494288E+22	2,378558E+22	2,272968E+22	2,272963E+22	2,378547E+22	2,494289E+22
1564	2,529652E+22	2,475141E+22	2,404906E+22	2,404915E+22	2,475139E+22	2,529631E+22	2,494290E+22	2,378566E+22	2,272978E+22	2,272961E+22	2,378529E+22	2,494276E+22
1565	2,529694E+22	2,475271E+22	2,405076E+22	2,405073E+22	2,475280E+22	2,529720E+22	2,494305E+22	2,378557E+22	2,272987E+22	2,272993E+22	2,378564E+22	2,494284E+22
1566	2,529658E+22	2,475215E+22	2,405018E+22	2,404978E+22	2,475149E+22	2,529624E+22	2,494270E+22	2,378564E+22	2,273013E+22	2,273022E+22	2,378588E+22	2,494294E+22
1567	2,529634E+22	2,475153E+22	2,404986E+22	2,405033E+22	2,475245E+22	2,529703E+22	2,494322E+22	2,378589E+22	2,273019E+22	2,273014E+22	2,378571E+22	2,494304E+22
1568	2,529702E+22	2,475257E+22	2,405069E+22	2,405093E+22	2,475299E+22	2,529736E+22	2,494338E+22	2,378604E+22	2,273036E+22	2,273036E+22	2,378595E+22	2,494301E+22
1569	2,529653E+22	2,475172E+22	2,404949E+22	2,404937E+22	2,475157E+22	2,529650E+22	2,494304E+22	2,378599E+22	2,273036E+22	2,273028E+22	2,378585E+22	2,494300E+22
1570	2,529666E+22	2,475213E+22	2,405037E+22	2,405044E+22	2,475242E+22	2,529720E+22	2,494352E+22	2,378612E+22	2,273025E+22	2,273010E+22	2,378575E+22	2,494320E+22
1571	2,529712E+22	2,475258E+22	2,405057E+22	2,405041E+22	2,475196E+22	2,529636E+22	2,494287E+22	2,378597E+22	2,273050E+22	2,273052E+22	2,378600E+22	2,494290E+22
1572	2,529633E+22	2,475148E+22	2,404932E+22	2,404943E+22	2,475163E+22	2,529632E+22	2,494268E+22	2,378554E+22	2,273000E+22	2,273006E+22	2,378573E+22	2,494292E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1573	2,529668E+22	2,475228E+22	2,405047E+22	2,405061E+22	2,475284E+22	2,529743E+22	2,494315E+22	2,378536E+22	2,272952E+22	2,272969E+22	2,378568E+22	2,494316E+22
1574	2,529686E+22	2,475206E+22	2,404986E+22	2,404958E+22	2,475135E+22	2,529623E+22	2,494274E+22	2,378540E+22	2,272953E+22	2,272953E+22	2,378547E+22	2,494293E+22
1575	2,529653E+22	2,475139E+22	2,404910E+22	2,404941E+22	2,475172E+22	2,529656E+22	2,494295E+22	2,378553E+22	2,272953E+22	2,272928E+22	2,378497E+22	2,494258E+22
1576	2,529682E+22	2,475246E+22	2,405030E+22	2,405029E+22	2,475249E+22	2,529708E+22	2,494308E+22	2,378550E+22	2,272957E+22	2,272950E+22	2,378525E+22	2,494252E+22
1577	2,529622E+22	2,475153E+22	2,404931E+22	2,404905E+22	2,475112E+22	2,529609E+22	2,494255E+22	2,378526E+22	2,272947E+22	2,272950E+22	2,378531E+22	2,494257E+22
1578	2,529609E+22	2,475129E+22	2,404947E+22	2,404984E+22	2,475210E+22	2,529695E+22	2,494310E+22	2,378543E+22	2,272940E+22	2,272935E+22	2,378531E+22	2,494293E+22
1579	2,529678E+22	2,475201E+22	2,404988E+22	2,405006E+22	2,475211E+22	2,529666E+22	2,494287E+22	2,378550E+22	2,272974E+22	2,272985E+22	2,378570E+22	2,494292E+22
1580	2,529636E+22	2,475122E+22	2,404869E+22	2,404874E+22	2,475126E+22	2,529631E+22	2,494275E+22	2,378542E+22	2,272962E+22	2,272963E+22	2,378546E+22	2,494287E+22
1581	2,529665E+22	2,475208E+22	2,405009E+22	2,405009E+22	2,475236E+22	2,529728E+22	2,494334E+22	2,378568E+22	2,272973E+22	2,272967E+22	2,378552E+22	2,494308E+22
1582	2,529705E+22	2,475251E+22	2,405038E+22	2,404993E+22	2,475136E+22	2,529604E+22	2,494273E+22	2,378574E+22	2,273014E+22	2,273014E+22	2,378576E+22	2,494289E+22
1583	2,529649E+22	2,475168E+22	2,404964E+22	2,404984E+22	2,475177E+22	2,529625E+22	2,494271E+22	2,378582E+22	2,273038E+22	2,273029E+22	2,378564E+22	2,494270E+22
1584	2,529668E+22	2,475262E+22	2,405101E+22	2,405119E+22	2,475318E+22	2,529742E+22	2,494320E+22	2,378586E+22	2,273042E+22	2,273058E+22	2,378612E+22	2,494306E+22
1585	2,529657E+22	2,475203E+22	2,405023E+22	2,405019E+22	2,475194E+22	2,529651E+22	2,494289E+22	2,378583E+22	2,273042E+22	2,273055E+22	2,378610E+22	2,494306E+22
1586	2,529650E+22	2,475178E+22	2,405004E+22	2,405044E+22	2,475255E+22	2,529723E+22	2,494358E+22	2,378634E+22	2,273059E+22	2,273040E+22	2,378590E+22	2,494319E+22
1587	2,529715E+22	2,475286E+22	2,405101E+22	2,405102E+22	2,475276E+22	2,529708E+22	2,494340E+22	2,378646E+22	2,273103E+22	2,273095E+22	2,378625E+22	2,494309E+22
1588	2,529664E+22	2,475205E+22	2,404998E+22	2,404973E+22	2,475154E+22	2,529630E+22	2,494300E+22	2,378621E+22	2,273086E+22	2,273079E+22	2,378605E+22	2,494287E+22
1589	2,529649E+22	2,475223E+22	2,405074E+22	2,405091E+22	2,475271E+22	2,529721E+22	2,494345E+22	2,378625E+22	2,273070E+22	2,273066E+22	2,378610E+22	2,494316E+22
1590	2,529698E+22	2,475271E+22	2,405092E+22	2,405079E+22	2,475216E+22	2,529636E+22	2,494275E+22	2,378588E+22	2,273059E+22	2,273079E+22	2,378633E+22	2,494317E+22
1591	2,529650E+22	2,475165E+22	2,404954E+22	2,404972E+22	2,475187E+22	2,529646E+22	2,494276E+22	2,378572E+22	2,273031E+22	2,273033E+22	2,378583E+22	2,494294E+22
1592	2,529671E+22	2,475240E+22	2,405064E+22	2,405076E+22	2,475293E+22	2,529754E+22	2,494344E+22	2,378582E+22	2,273003E+22	2,273005E+22	2,378580E+22	2,494315E+22
1593	2,529689E+22	2,475220E+22	2,405011E+22	2,404992E+22	2,475155E+22	2,529620E+22	2,494277E+22	2,378564E+22	2,272993E+22	2,272985E+22	2,378547E+22	2,494273E+22
1594	2,529643E+22	2,475163E+22	2,404950E+22	2,404973E+22	2,475183E+22	2,529658E+22	2,494310E+22	2,378588E+22	2,272998E+22	2,272971E+22	2,378527E+22	2,494261E+22
1595	2,529661E+22	2,475244E+22	2,405058E+22	2,405064E+22	2,475257E+22	2,529686E+22	2,494294E+22	2,378572E+22	2,273014E+22	2,273019E+22	2,378578E+22	2,494277E+22
1596	2,529622E+22	2,475153E+22	2,404946E+22	2,404930E+22	2,475132E+22	2,529620E+22	2,494262E+22	2,378536E+22	2,272981E+22	2,272996E+22	2,378567E+22	2,494274E+22
1597	2,529613E+22	2,475136E+22	2,404959E+22	2,404999E+22	2,475224E+22	2,529711E+22	2,494335E+22	2,378574E+22	2,272980E+22	2,272978E+22	2,378558E+22	2,494302E+22
1598	2,529697E+22	2,475244E+22	2,405027E+22	2,405021E+22	2,475196E+22	2,529643E+22	2,494282E+22	2,378569E+22	2,273007E+22	2,273014E+22	2,378586E+22	2,494305E+22
1599	2,529663E+22	2,475175E+22	2,404930E+22	2,404917E+22	2,475132E+22	2,529609E+22	2,494260E+22	2,378569E+22	2,273026E+22	2,273014E+22	2,378554E+22	2,494264E+22
1600	2,529651E+22	2,475234E+22	2,405067E+22	2,405066E+22	2,475258E+22	2,529717E+22	2,494331E+22	2,378598E+22	2,273036E+22	2,273034E+22	2,378585E+22	2,494301E+22
1601	2,529683E+22	2,475247E+22	2,405077E+22	2,405072E+22	2,475202E+22	2,529617E+22	2,494261E+22	2,378578E+22	2,273049E+22	2,273061E+22	2,378603E+22	2,494288E+22
1602	2,529635E+22	2,475174E+22	2,404993E+22	2,405030E+22	2,475229E+22	2,529670E+22	2,494306E+22	2,378611E+22	2,273068E+22	2,273064E+22	2,378603E+22	2,494297E+22
1603	2,529664E+22	2,475257E+22	2,405112E+22	2,405137E+22	2,475328E+22	2,529752E+22	2,494352E+22	2,378637E+22	2,273101E+22	2,273111E+22	2,378651E+22	2,494333E+22
1604	2,529679E+22	2,475225E+22	2,405043E+22	2,405029E+22	2,475197E+22	2,529664E+22	2,494324E+22	2,378635E+22	2,273104E+22	2,273102E+22	2,378626E+22	2,494303E+22
1605	2,529655E+22	2,475206E+22	2,405037E+22	2,405058E+22	2,475252E+22	2,529720E+22	2,494376E+22	2,378682E+22	2,273132E+22	2,273106E+22	2,378616E+22	2,494307E+22
1606	2,529710E+22	2,475320E+22	2,405151E+22	2,405132E+22	2,475264E+22	2,529670E+22	2,494316E+22	2,378659E+22	2,273149E+22	2,273152E+22	2,378667E+22	2,494328E+22
1607	2,529672E+22	2,475230E+22	2,405046E+22	2,405026E+22	2,475181E+22	2,529612E+22	2,494266E+22	2,378624E+22	2,273134E+22	2,273134E+22	2,378641E+22	2,494298E+22
1608	2,529643E+22	2,475223E+22	2,405095E+22	2,405122E+22	2,475296E+22	2,529729E+22	2,494345E+22	2,378633E+22	2,273099E+22	2,273107E+22	2,378647E+22	2,494343E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1609	2,529711E+22	2,475271E+22	2,405104E+22	2,405116E+22	2,475253E+22	2,529652E+22	2,494283E+22	2,378594E+22	2,273065E+22	2,273082E+22	2,378632E+22	2,494321E+22
1610	2,529669E+22	2,475202E+22	2,404989E+22	2,404991E+22	2,475199E+22	2,529659E+22	2,494303E+22	2,378606E+22	2,273052E+22	2,273037E+22	2,378581E+22	2,494288E+22
1611	2,529664E+22	2,475258E+22	2,405099E+22	2,405094E+22	2,475279E+22	2,529730E+22	2,494347E+22	2,378623E+22	2,273063E+22	2,273052E+22	2,378593E+22	2,494301E+22
1612	2,529677E+22	2,475235E+22	2,405051E+22	2,405028E+22	2,475172E+22	2,529621E+22	2,494284E+22	2,378590E+22	2,273044E+22	2,273035E+22	2,378564E+22	2,494250E+22
1613	2,529610E+22	2,475156E+22	2,404974E+22	2,405006E+22	2,475214E+22	2,529670E+22	2,494315E+22	2,378611E+22	2,273051E+22	2,273034E+22	2,378565E+22	2,494260E+22
1614	2,529645E+22	2,475242E+22	2,405073E+22	2,405082E+22	2,475268E+22	2,529685E+22	2,494291E+22	2,378581E+22	2,273043E+22	2,273060E+22	2,378622E+22	2,494315E+22
1615	2,529646E+22	2,475171E+22	2,404968E+22	2,404953E+22	2,475146E+22	2,529617E+22	2,494262E+22	2,378566E+22	2,273032E+22	2,273037E+22	2,378589E+22	2,494287E+22
1616	2,529626E+22	2,475157E+22	2,404985E+22	2,405015E+22	2,475225E+22	2,529703E+22	2,494345E+22	2,378615E+22	2,273040E+22	2,273030E+22	2,378585E+22	2,494314E+22
1617	2,529709E+22	2,475268E+22	2,405072E+22	2,405069E+22	2,475217E+22	2,529633E+22	2,494275E+22	2,378585E+22	2,273046E+22	2,273053E+22	2,378599E+22	2,494297E+22
1618	2,529664E+22	2,475214E+22	2,404995E+22	2,404972E+22	2,475159E+22	2,529613E+22	2,494268E+22	2,378595E+22	2,273064E+22	2,273059E+22	2,378590E+22	2,494271E+22
1619	2,529632E+22	2,475236E+22	2,405106E+22	2,405117E+22	2,475289E+22	2,529717E+22	2,494328E+22	2,378624E+22	2,273094E+22	2,273099E+22	2,378633E+22	2,494324E+22
1620	2,529687E+22	2,475253E+22	2,405099E+22	2,405105E+22	2,475245E+22	2,529658E+22	2,494290E+22	2,378603E+22	2,273089E+22	2,273103E+22	2,378630E+22	2,494296E+22
1621	2,529637E+22	2,475183E+22	2,405010E+22	2,405044E+22	2,475248E+22	2,529700E+22	2,494350E+22	2,378665E+22	2,273126E+22	2,273111E+22	2,378623E+22	2,494299E+22
1622	2,529678E+22	2,475290E+22	2,405145E+22	2,405147E+22	2,475312E+22	2,529731E+22	2,494357E+22	2,378676E+22	2,273156E+22	2,273154E+22	2,378672E+22	2,494346E+22
1623	2,529700E+22	2,475268E+22	2,405097E+22	2,405062E+22	2,475193E+22	2,529631E+22	2,494305E+22	2,378672E+22	2,273181E+22	2,273166E+22	2,378647E+22	2,494290E+22
1624	2,529641E+22	2,475222E+22	2,405086E+22	2,405103E+22	2,475262E+22	2,529697E+22	2,494360E+22	2,378705E+22	2,273193E+22	2,273178E+22	2,378663E+22	2,494317E+22
1625	2,529699E+22	2,475317E+22	2,405187E+22	2,405193E+22	2,475308E+22	2,529669E+22	2,494290E+22	2,378644E+22	2,273165E+22	2,273185E+22	2,378693E+22	2,494338E+22
1626	2,529674E+22	2,475244E+22	2,405079E+22	2,405062E+22	2,475218E+22	2,529642E+22	2,494285E+22	2,378632E+22	2,273138E+22	2,273149E+22	2,378666E+22	2,494320E+22
1627	2,529649E+22	2,475228E+22	2,405113E+22	2,405143E+22	2,475308E+22	2,529733E+22	2,494360E+22	2,378666E+22	2,273136E+22	2,273133E+22	2,378658E+22	2,494353E+22
1628	2,529730E+22	2,475296E+22	2,405127E+22	2,405127E+22	2,475268E+22	2,529671E+22	2,494308E+22	2,378629E+22	2,273108E+22	2,273106E+22	2,378622E+22	2,494294E+22
1629	2,529656E+22	2,475220E+22	2,405026E+22	2,405012E+22	2,475205E+22	2,529665E+22	2,494327E+22	2,378655E+22	2,273117E+22	2,273091E+22	2,378592E+22	2,494261E+22
1630	2,529641E+22	2,475266E+22	2,405136E+22	2,405124E+22	2,475278E+22	2,529702E+22	2,494330E+22	2,378642E+22	2,273112E+22	2,273109E+22	2,378632E+22	2,494313E+22
1631	2,529668E+22	2,475235E+22	2,405080E+22	2,405068E+22	2,475198E+22	2,529612E+22	2,494261E+22	2,378605E+22	2,273102E+22	2,273098E+22	2,378606E+22	2,494264E+22
1632	2,529601E+22	2,475144E+22	2,404979E+22	2,405020E+22	2,475230E+22	2,529680E+22	2,494321E+22	2,378628E+22	2,273089E+22	2,273086E+22	2,378614E+22	2,494298E+22
1633	2,529667E+22	2,475245E+22	2,405083E+22	2,405101E+22	2,475281E+22	2,529686E+22	2,494293E+22	2,378592E+22	2,273060E+22	2,273076E+22	2,378633E+22	2,494332E+22
1634	2,529681E+22	2,475220E+22	2,405015E+22	2,404976E+22	2,475151E+22	2,529617E+22	2,494275E+22	2,378595E+22	2,273060E+22	2,273057E+22	2,378600E+22	2,494292E+22
1635	2,529634E+22	2,475191E+22	2,405042E+22	2,405055E+22	2,475224E+22	2,529675E+22	2,494333E+22	2,378646E+22	2,273100E+22	2,273083E+22	2,378606E+22	2,494311E+22
1636	2,529710E+22	2,475295E+22	2,405128E+22	2,405124E+22	2,475258E+22	2,529649E+22	2,494278E+22	2,378605E+22	2,273093E+22	2,273101E+22	2,378616E+22	2,494278E+22
1637	2,529638E+22	2,475217E+22	2,405040E+22	2,405026E+22	2,475209E+22	2,529647E+22	2,494291E+22	2,378630E+22	2,273120E+22	2,273117E+22	2,378619E+22	2,494267E+22
1638	2,529619E+22	2,475235E+22	2,405127E+22	2,405145E+22	2,475310E+22	2,529732E+22	2,494347E+22	2,378656E+22	2,273140E+22	2,273147E+22	2,378669E+22	2,494348E+22
1639	2,529704E+22	2,475272E+22	2,405127E+22	2,405132E+22	2,475263E+22	2,529663E+22	2,494308E+22	2,378661E+22	2,273166E+22	2,273159E+22	2,378651E+22	2,494298E+22
1640	2,529642E+22	2,475200E+22	2,405036E+22	2,405055E+22	2,475242E+22	2,529691E+22	2,494363E+22	2,378717E+22	2,273205E+22	2,273182E+22	2,378661E+22	2,494310E+22
1641	2,529683E+22	2,475304E+22	2,405184E+22	2,405185E+22	2,475317E+22	2,529709E+22	2,494343E+22	2,378695E+22	2,273206E+22	2,273207E+22	2,378699E+22	2,494349E+22
1642	2,529706E+22	2,475301E+22	2,405157E+22	2,405116E+22	2,475213E+22	2,529617E+22	2,494291E+22	2,378681E+22	2,273212E+22	2,273215E+22	2,378694E+22	2,494311E+22
1643	2,529634E+22	2,475223E+22	2,405118E+22	2,405147E+22	2,475284E+22	2,529684E+22	2,494334E+22	2,378707E+22	2,273231E+22	2,273231E+22	2,378709E+22	2,494349E+22
1644	2,529717E+22	2,475329E+22	2,405206E+22	2,405217E+22	2,475345E+22	2,529709E+22	2,494310E+22	2,378649E+22	2,273177E+22	2,273203E+22	2,378704E+22	2,494341E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1645	2,529683E+22	2,475264E+22	2,405107E+22	2,405081E+22	2,475235E+22	2,529669E+22	2,494321E+22	2,378672E+22	2,273174E+22	2,273167E+22	2,378657E+22	2,494303E+22
1646	2,529656E+22	2,475258E+22	2,405145E+22	2,405156E+22	2,475298E+22	2,529719E+22	2,494364E+22	2,378698E+22	2,273180E+22	2,273160E+22	2,378656E+22	2,494339E+22
1647	2,529732E+22	2,475324E+22	2,405175E+22	2,405166E+22	2,475276E+22	2,529653E+22	2,494297E+22	2,378667E+22	2,273178E+22	2,273158E+22	2,378629E+22	2,494264E+22
1648	2,529622E+22	2,475211E+22	2,405054E+22	2,405048E+22	2,475221E+22	2,529658E+22	2,494321E+22	2,378681E+22	2,273177E+22	2,273161E+22	2,378639E+22	2,494270E+22
1649	2,529618E+22	2,475237E+22	2,405144E+22	2,405163E+22	2,475310E+22	2,529711E+22	2,494320E+22	2,378639E+22	2,273134E+22	2,273147E+22	2,378667E+22	2,494335E+22
1650	2,529678E+22	2,475241E+22	2,405097E+22	2,405086E+22	2,475215E+22	2,529632E+22	2,494281E+22	2,378621E+22	2,273117E+22	2,273127E+22	2,378647E+22	2,494299E+22
1651	2,529620E+22	2,475155E+22	2,404994E+22	2,405030E+22	2,475224E+22	2,529667E+22	2,494324E+22	2,378661E+22	2,273139E+22	2,273128E+22	2,378640E+22	2,494322E+22
1652	2,529704E+22	2,475289E+22	2,405119E+22	2,405113E+22	2,475287E+22	2,529697E+22	2,494304E+22	2,378619E+22	2,273104E+22	2,273110E+22	2,378633E+22	2,494315E+22
1653	2,529683E+22	2,475258E+22	2,405077E+22	2,405019E+22	2,475163E+22	2,529619E+22	2,494288E+22	2,378635E+22	2,273122E+22	2,273110E+22	2,378610E+22	2,494270E+22
1654	2,529625E+22	2,475215E+22	2,405097E+22	2,405110E+22	2,475244E+22	2,529659E+22	2,494315E+22	2,378662E+22	2,273150E+22	2,273137E+22	2,378639E+22	2,494318E+22
1655	2,529706E+22	2,475306E+22	2,405170E+22	2,405180E+22	2,475302E+22	2,529659E+22	2,494272E+22	2,378632E+22	2,273155E+22	2,273160E+22	2,378649E+22	2,494283E+22
1656	2,529626E+22	2,475208E+22	2,405056E+22	2,405055E+22	2,475235E+22	2,529673E+22	2,494320E+22	2,378670E+22	2,273176E+22	2,273178E+22	2,378666E+22	2,494294E+22
1657	2,529629E+22	2,475233E+22	2,405142E+22	2,405169E+22	2,475320E+22	2,529735E+22	2,494359E+22	2,378686E+22	2,273181E+22	2,273180E+22	2,378683E+22	2,494354E+22
1658	2,529723E+22	2,475311E+22	2,405173E+22	2,405155E+22	2,475259E+22	2,529656E+22	2,494318E+22	2,378696E+22	2,273217E+22	2,273210E+22	2,378681E+22	2,494302E+22
1659	2,529642E+22	2,475224E+22	2,405086E+22	2,405094E+22	2,475238E+22	2,529658E+22	2,494341E+22	2,378743E+22	2,273273E+22	2,273253E+22	2,378701E+22	2,494319E+22
1660	2,529690E+22	2,475328E+22	2,405227E+22	2,405227E+22	2,475348E+22	2,529718E+22	2,494330E+22	2,378699E+22	2,273243E+22	2,273255E+22	2,378727E+22	2,494346E+22
1661	2,529695E+22	2,475310E+22	2,405197E+22	2,405166E+22	2,475256E+22	2,529647E+22	2,494306E+22	2,378699E+22	2,273247E+22	2,273254E+22	2,378715E+22	2,494318E+22
1662	2,529642E+22	2,475235E+22	2,405142E+22	2,405176E+22	2,475303E+22	2,529693E+22	2,494343E+22	2,378721E+22	2,273253E+22	2,273253E+22	2,378726E+22	2,494366E+22
1663	2,529739E+22	2,475355E+22	2,405236E+22	2,405244E+22	2,475362E+22	2,529716E+22	2,494325E+22	2,378696E+22	2,273234E+22	2,273233E+22	2,378701E+22	2,494324E+22
1664	2,529676E+22	2,475277E+22	2,405134E+22	2,405099E+22	2,475236E+22	2,529675E+22	2,494343E+22	2,378719E+22	2,273239E+22	2,273223E+22	2,378678E+22	2,494294E+22
1665	2,529639E+22	2,475254E+22	2,405173E+22	2,405191E+22	2,475302E+22	2,529706E+22	2,494360E+22	2,378719E+22	2,273225E+22	2,273206E+22	2,378674E+22	2,494327E+22
1666	2,529717E+22	2,475333E+22	2,405212E+22	2,405208E+22	2,475295E+22	2,529650E+22	2,494292E+22	2,378680E+22	2,273215E+22	2,273214E+22	2,378680E+22	2,494282E+22
1667	2,529611E+22	2,475197E+22	2,405062E+22	2,405073E+22	2,475233E+22	2,529651E+22	2,494305E+22	2,378688E+22	2,273219E+22	2,273219E+22	2,378692E+22	2,494311E+22
1668	2,529647E+22	2,475249E+22	2,405145E+22	2,405162E+22	2,475323E+22	2,529738E+22	2,494336E+22	2,378650E+22	2,273153E+22	2,273170E+22	2,378685E+22	2,494350E+22
1669	2,529703E+22	2,475275E+22	2,405129E+22	2,405101E+22	2,475215E+22	2,529639E+22	2,494304E+22	2,378659E+22	2,273157E+22	2,273150E+22	2,378644E+22	2,494294E+22
1670	2,529645E+22	2,475201E+22	2,405041E+22	2,405055E+22	2,475211E+22	2,529639E+22	2,494310E+22	2,378680E+22	2,273182E+22	2,273163E+22	2,378647E+22	2,494314E+22
1671	2,529713E+22	2,475333E+22	2,405189E+22	2,405174E+22	2,475305E+22	2,529678E+22	2,494289E+22	2,378649E+22	2,273169E+22	2,273163E+22	2,378645E+22	2,494286E+22
1672	2,529652E+22	2,475261E+22	2,405124E+22	2,405081E+22	2,475201E+22	2,529628E+22	2,494287E+22	2,378657E+22	2,273178E+22	2,273177E+22	2,378652E+22	2,494270E+22
1673	2,529598E+22	2,475190E+22	2,405116E+22	2,405161E+22	2,475288E+22	2,529686E+22	2,494324E+22	2,378674E+22	2,273181E+22	2,273177E+22	2,378666E+22	2,494326E+22
1674	2,529706E+22	2,475311E+22	2,405194E+22	2,405215E+22	2,475332E+22	2,529690E+22	2,494305E+22	2,378664E+22	2,273191E+22	2,273203E+22	2,378689E+22	2,494303E+22
1675	2,529632E+22	2,475211E+22	2,405067E+22	2,405069E+22	2,475231E+22	2,529665E+22	2,494333E+22	2,378719E+22	2,273248E+22	2,273241E+22	2,378703E+22	2,494316E+22
1676	2,529657E+22	2,475267E+22	2,405166E+22	2,405174E+22	2,475320E+22	2,529745E+22	2,494375E+22	2,378723E+22	2,273241E+22	2,273236E+22	2,378706E+22	2,494347E+22
1677	2,529725E+22	2,475345E+22	2,405230E+22	2,405197E+22	2,475264E+22	2,529646E+22	2,494323E+22	2,378733E+22	2,273283E+22	2,273274E+22	2,378710E+22	2,494301E+22
1678	2,529646E+22	2,475249E+22	2,405133E+22	2,405143E+22	2,475253E+22	2,529634E+22	2,494308E+22	2,378743E+22	2,273315E+22	2,273311E+22	2,378746E+22	2,494343E+22
1679	2,529704E+22	2,475351E+22	2,405269E+22	2,405280E+22	2,475384E+22	2,529724E+22	2,494321E+22	2,378712E+22	2,273283E+22	2,273298E+22	2,378752E+22	2,494354E+22
1680	2,529697E+22	2,475316E+22	2,405217E+22	2,405197E+22	2,475280E+22	2,529672E+22	2,494331E+22	2,378727E+22	2,273281E+22	2,273288E+22	2,378738E+22	2,494329E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1681	2,529650E+22	2,475244E+22	2,405165E+22	2,405204E+22	2,475312E+22	2,529698E+22	2,494359E+22	2,378749E+22	2,273282E+22	2,273265E+22	2,378716E+22	2,494349E+22
1682	2,529744E+22	2,475391E+22	2,405285E+22	2,405276E+22	2,475365E+22	2,529715E+22	2,494339E+22	2,378727E+22	2,273277E+22	2,273274E+22	2,378717E+22	2,494306E+22
1683	2,529653E+22	2,475281E+22	2,405169E+22	2,405138E+22	2,475238E+22	2,529652E+22	2,494333E+22	2,378749E+22	2,273305E+22	2,273291E+22	2,378716E+22	2,494296E+22
1684	2,529630E+22	2,475256E+22	2,405186E+22	2,405214E+22	2,475330E+22	2,529725E+22	2,494358E+22	2,378727E+22	2,273262E+22	2,273256E+22	2,378707E+22	2,494327E+22
1685	2,529701E+22	2,475328E+22	2,405228E+22	2,405235E+22	2,475319E+22	2,529672E+22	2,494311E+22	2,378704E+22	2,273254E+22	2,273258E+22	2,378708E+22	2,494301E+22
1686	2,529630E+22	2,475211E+22	2,405073E+22	2,405086E+22	2,475232E+22	2,529643E+22	2,494303E+22	2,378701E+22	2,273247E+22	2,273250E+22	2,378718E+22	2,494338E+22
1687	2,529683E+22	2,475291E+22	2,405179E+22	2,405184E+22	2,475319E+22	2,529720E+22	2,494335E+22	2,378687E+22	2,273206E+22	2,273204E+22	2,378690E+22	2,494340E+22
1688	2,529706E+22	2,475304E+22	2,405170E+22	2,405134E+22	2,475219E+22	2,529635E+22	2,494312E+22	2,378691E+22	2,273211E+22	2,273204E+22	2,378668E+22	2,494289E+22
1689	2,529632E+22	2,475214E+22	2,405093E+22	2,405114E+22	2,475228E+22	2,529625E+22	2,494296E+22	2,378687E+22	2,273213E+22	2,273200E+22	2,378662E+22	2,494299E+22
1690	2,529695E+22	2,475344E+22	2,405236E+22	2,405236E+22	2,475344E+22	2,529691E+22	2,494287E+22	2,378654E+22	2,273201E+22	2,273218E+22	2,378691E+22	2,494294E+22
1691	2,529632E+22	2,475246E+22	2,405136E+22	2,405120E+22	2,475234E+22	2,529648E+22	2,494297E+22	2,378678E+22	2,273226E+22	2,273238E+22	2,378701E+22	2,494302E+22
1692	2,529618E+22	2,475200E+22	2,405111E+22	2,405160E+22	2,475308E+22	2,529726E+22	2,494359E+22	2,378706E+22	2,273219E+22	2,273212E+22	2,378685E+22	2,494330E+22
1693	2,529717E+22	2,475338E+22	2,405222E+22	2,405231E+22	2,475331E+22	2,529698E+22	2,494340E+22	2,378724E+22	2,273258E+22	2,273248E+22	2,378695E+22	2,494302E+22
1694	2,529654E+22	2,475253E+22	2,405112E+22	2,405096E+22	2,475216E+22	2,529629E+22	2,494316E+22	2,378747E+22	2,273311E+22	2,273300E+22	2,378729E+22	2,494320E+22
1695	2,529670E+22	2,475311E+22	2,405231E+22	2,405230E+22	2,475327E+22	2,529711E+22	2,494354E+22	2,378754E+22	2,273309E+22	2,273301E+22	2,378736E+22	2,494337E+22
1696	2,529705E+22	2,475354E+22	2,405275E+22	2,405256E+22	2,475300E+22	2,529654E+22	2,494319E+22	2,378747E+22	2,273330E+22	2,273339E+22	2,378760E+22	2,494317E+22
1697	2,529634E+22	2,475246E+22	2,405165E+22	2,405194E+22	2,475289E+22	2,529653E+22	2,494313E+22	2,378744E+22	2,273330E+22	2,273336E+22	2,378767E+22	2,494353E+22
1698	2,529713E+22	2,475372E+22	2,405305E+22	2,405318E+22	2,475412E+22	2,529750E+22	2,494350E+22	2,378737E+22	2,273311E+22	2,273330E+22	2,378776E+22	2,494360E+22
1699	2,529700E+22	2,475328E+22	2,405238E+22	2,405221E+22	2,475289E+22	2,529673E+22	2,494349E+22	2,378773E+22	2,273345E+22	2,273338E+22	2,378757E+22	2,494331E+22
1700	2,529662E+22	2,475272E+22	2,405184E+22	2,405213E+22	2,475322E+22	2,529715E+22	2,494380E+22	2,378787E+22	2,273337E+22	2,273312E+22	2,378727E+22	2,494326E+22
1701	2,529720E+22	2,475404E+22	2,405328E+22	2,405318E+22	2,475377E+22	2,529710E+22	2,494352E+22	2,378769E+22	2,273340E+22	2,273332E+22	2,378742E+22	2,494305E+22
1702	2,529646E+22	2,475282E+22	2,405189E+22	2,405170E+22	2,475248E+22	2,529629E+22	2,494305E+22	2,378752E+22	2,273347E+22	2,273351E+22	2,378769E+22	2,494328E+22
1703	2,529644E+22	2,475268E+22	2,405205E+22	2,405238E+22	2,475343E+22	2,529722E+22	2,494357E+22	2,378744E+22	2,273297E+22	2,273298E+22	2,378742E+22	2,494348E+22
1704	2,529710E+22	2,475338E+22	2,405238E+22	2,405245E+22	2,475321E+22	2,529677E+22	2,494325E+22	2,378724E+22	2,273281E+22	2,273289E+22	2,378735E+22	2,494320E+22
1705	2,529643E+22	2,475235E+22	2,405105E+22	2,405106E+22	2,475227E+22	2,529628E+22	2,494298E+22	2,378711E+22	2,273265E+22	2,273259E+22	2,378709E+22	2,494326E+22
1706	2,529695E+22	2,475337E+22	2,405241E+22	2,405230E+22	2,475330E+22	2,529709E+22	2,494329E+22	2,378695E+22	2,273236E+22	2,273241E+22	2,378703E+22	2,494320E+22
1707	2,529684E+22	2,475312E+22	2,405213E+22	2,405190E+22	2,475243E+22	2,529622E+22	2,494299E+22	2,378708E+22	2,273261E+22	2,273259E+22	2,378699E+22	2,494287E+22
1708	2,529620E+22	2,475217E+22	2,405109E+22	2,405150E+22	2,475277E+22	2,529664E+22	2,494312E+22	2,378703E+22	2,273247E+22	2,273241E+22	2,378686E+22	2,494292E+22
1709	2,529670E+22	2,475337E+22	2,405258E+22	2,405272E+22	2,475379E+22	2,529728E+22	2,494331E+22	2,378699E+22	2,273247E+22	2,273256E+22	2,378710E+22	2,494307E+22
1710	2,529645E+22	2,475254E+22	2,405144E+22	2,405133E+22	2,475237E+22	2,529645E+22	2,494313E+22	2,378719E+22	2,273282E+22	2,273287E+22	2,378733E+22	2,494324E+22
1711	2,529646E+22	2,475240E+22	2,405143E+22	2,405174E+22	2,475299E+22	2,529708E+22	2,494374E+22	2,378765E+22	2,273296E+22	2,273272E+22	2,378707E+22	2,494325E+22
1712	2,529715E+22	2,475365E+22	2,405263E+22	2,405257E+22	2,475327E+22	2,529683E+22	2,494345E+22	2,378766E+22	2,273332E+22	2,273325E+22	2,378742E+22	2,494308E+22
1713	2,529644E+22	2,475273E+22	2,405171E+22	2,405153E+22	2,475228E+22	2,529602E+22	2,494291E+22	2,378753E+22	2,273352E+22	2,273351E+22	2,378764E+22	2,494328E+22
1714	2,529671E+22	2,475337E+22	2,405289E+22	2,405297E+22	2,475367E+22	2,529711E+22	2,494336E+22	2,378746E+22	2,273340E+22	2,273360E+22	2,378789E+22	2,494358E+22
1715	2,529702E+22	2,475354E+22	2,405298E+22	2,405301E+22	2,475338E+22	2,529671E+22	2,494326E+22	2,378761E+22	2,273365E+22	2,273385E+22	2,378801E+22	2,494349E+22
1716	2,529661E+22	2,475272E+22	2,405179E+22	2,405208E+22	2,475319E+22	2,529692E+22	2,494348E+22	2,378776E+22	2,273358E+22	2,273354E+22	2,378768E+22	2,494344E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1717	2,529714E+22	2,475401E+22	2,405346E+22	2,405347E+22	2,475421E+22	2,529762E+22	2,494388E+22	2,378796E+22	2,273372E+22	2,273361E+22	2,378767E+22	2,494344E+22
1718	2,529705E+22	2,475356E+22	2,405280E+22	2,405254E+22	2,475290E+22	2,529649E+22	2,494341E+22	2,378805E+22	2,273408E+22	2,273397E+22	2,378781E+22	2,494324E+22
1719	2,529656E+22	2,475295E+22	2,405229E+22	2,405253E+22	2,475332E+22	2,529691E+22	2,494370E+22	2,378821E+22	2,273400E+22	2,273374E+22	2,378759E+22	2,494316E+22
1720	2,529688E+22	2,475387E+22	2,405342E+22	2,405351E+22	2,475407E+22	2,529722E+22	2,494354E+22	2,378785E+22	2,273384E+22	2,273392E+22	2,378796E+22	2,494330E+22
1721	2,529635E+22	2,475271E+22	2,405205E+22	2,405196E+22	2,475264E+22	2,529632E+22	2,494303E+22	2,378750E+22	2,273353E+22	2,273368E+22	2,378791E+22	2,494351E+22
1722	2,529665E+22	2,475291E+22	2,405231E+22	2,405257E+22	2,475348E+22	2,529718E+22	2,494362E+22	2,378754E+22	2,273318E+22	2,273327E+22	2,378766E+22	2,494360E+22
1723	2,529723E+22	2,475359E+22	2,405261E+22	2,405260E+22	2,475321E+22	2,529668E+22	2,494330E+22	2,378753E+22	2,273328E+22	2,273328E+22	2,378752E+22	2,494326E+22
1724	2,529661E+22	2,475274E+22	2,405138E+22	2,405123E+22	2,475242E+22	2,529637E+22	2,494306E+22	2,378732E+22	2,273300E+22	2,273289E+22	2,378712E+22	2,494300E+22
1725	2,529671E+22	2,475354E+22	2,405294E+22	2,405285E+22	2,475358E+22	2,529711E+22	2,494340E+22	2,378731E+22	2,273287E+22	2,273281E+22	2,378714E+22	2,494314E+22
1726	2,529676E+22	2,475313E+22	2,405237E+22	2,405234E+22	2,475278E+22	2,529621E+22	2,494287E+22	2,378718E+22	2,273304E+22	2,273312E+22	2,378738E+22	2,494307E+22
1727	2,529626E+22	2,475227E+22	2,405127E+22	2,405171E+22	2,475295E+22	2,529674E+22	2,494336E+22	2,378744E+22	2,273295E+22	2,273285E+22	2,378714E+22	2,494301E+22
1728	2,529665E+22	2,475337E+22	2,405266E+22	2,405281E+22	2,475385E+22	2,529740E+22	2,494364E+22	2,378750E+22	2,273305E+22	2,273307E+22	2,378743E+22	2,494320E+22
1729	2,529649E+22	2,475277E+22	2,405183E+22	2,405153E+22	2,475227E+22	2,529621E+22	2,494309E+22	2,378748E+22	2,273330E+22	2,273328E+22	2,378748E+22	2,494321E+22
1730	2,529655E+22	2,475284E+22	2,405211E+22	2,405222E+22	2,475302E+22	2,529680E+22	2,494355E+22	2,378778E+22	2,273352E+22	2,273344E+22	2,378750E+22	2,494324E+22
1731	2,529703E+22	2,475378E+22	2,405310E+22	2,405312E+22	2,475352E+22	2,529668E+22	2,494325E+22	2,378779E+22	2,273388E+22	2,273397E+22	2,378794E+22	2,494330E+22
1732	2,529649E+22	2,475289E+22	2,405199E+22	2,405195E+22	2,475283E+22	2,529638E+22	2,494298E+22	2,378759E+22	2,273378E+22	2,273389E+22	2,378792E+22	2,494335E+22
1733	2,529667E+22	2,475349E+22	2,405328E+22	2,405347E+22	2,475410E+22	2,529746E+22	2,494374E+22	2,378786E+22	2,273378E+22	2,273384E+22	2,378799E+22	2,494375E+22
1734	2,529727E+22	2,475374E+22	2,405320E+22	2,405327E+22	2,475356E+22	2,529675E+22	2,494342E+22	2,378801E+22	2,273416E+22	2,273425E+22	2,378819E+22	2,494359E+22
1735	2,529682E+22	2,475312E+22	2,405221E+22	2,405230E+22	2,475321E+22	2,529689E+22	2,494375E+22	2,378839E+22	2,273429E+22	2,273406E+22	2,378781E+22	2,494325E+22
1736	2,529692E+22	2,475409E+22	2,405384E+22	2,405378E+22	2,475426E+22	2,529757E+22	2,494402E+22	2,378841E+22	2,273442E+22	2,273430E+22	2,378805E+22	2,494337E+22
1737	2,529675E+22	2,475354E+22	2,405319E+22	2,405293E+22	2,475299E+22	2,529626E+22	2,494319E+22	2,378814E+22	2,273448E+22	2,273448E+22	2,378817E+22	2,494335E+22
1738	2,529650E+22	2,475301E+22	2,405259E+22	2,405290E+22	2,475358E+22	2,529691E+22	2,494351E+22	2,378810E+22	2,273428E+22	2,273433E+22	2,378813E+22	2,494344E+22
1739	2,529693E+22	2,475380E+22	2,405341E+22	2,405359E+22	2,475417E+22	2,529725E+22	2,494356E+22	2,378795E+22	2,273409E+22	2,273428E+22	2,378833E+22	2,494370E+22
1740	2,529674E+22	2,475301E+22	2,405212E+22	2,405193E+22	2,475273E+22	2,529647E+22	2,494320E+22	2,378770E+22	2,273369E+22	2,273371E+22	2,378783E+22	2,494345E+22
1741	2,529678E+22	2,475332E+22	2,405284E+22	2,405289E+22	2,475350E+22	2,529709E+22	2,494373E+22	2,378791E+22	2,273358E+22	2,273339E+22	2,378747E+22	2,494345E+22
1742	2,529731E+22	2,475388E+22	2,405311E+22	2,405302E+22	2,475331E+22	2,529641E+22	2,494310E+22	2,378769E+22	2,273373E+22	2,273371E+22	2,378765E+22	2,494312E+22
1743	2,529651E+22	2,475297E+22	2,405192E+22	2,405175E+22	2,475268E+22	2,529632E+22	2,494308E+22	2,378763E+22	2,273350E+22	2,273338E+22	2,378733E+22	2,494281E+22
1744	2,529628E+22	2,475330E+22	2,405310E+22	2,405323E+22	2,475400E+22	2,529741E+22	2,494361E+22	2,378760E+22	2,273336E+22	2,273337E+22	2,378754E+22	2,494322E+22
1745	2,529652E+22	2,475299E+22	2,405254E+22	2,405256E+22	2,475298E+22	2,529635E+22	2,494303E+22	2,378744E+22	2,273337E+22	2,273345E+22	2,378762E+22	2,494323E+22
1746	2,529641E+22	2,475246E+22	2,405154E+22	2,405189E+22	2,475302E+22	2,529673E+22	2,494344E+22	2,378774E+22	2,273351E+22	2,273346E+22	2,378751E+22	2,494315E+22
1747	2,529674E+22	2,475351E+22	2,405286E+22	2,405291E+22	2,475381E+22	2,529726E+22	2,494368E+22	2,378791E+22	2,273376E+22	2,273376E+22	2,378785E+22	2,494343E+22
1748	2,529671E+22	2,475313E+22	2,405222E+22	2,405181E+22	2,475241E+22	2,529617E+22	2,494306E+22	2,378770E+22	2,273379E+22	2,273380E+22	2,378776E+22	2,494320E+22
1749	2,529648E+22	2,475309E+22	2,405274E+22	2,405287E+22	2,475333E+22	2,529672E+22	2,494348E+22	2,378803E+22	2,273402E+22	2,273393E+22	2,378782E+22	2,494347E+22
1750	2,529716E+22	2,475392E+22	2,405347E+22	2,405363E+22	2,475394E+22	2,529674E+22	2,494311E+22	2,378782E+22	2,273424E+22	2,273449E+22	2,378838E+22	2,494361E+22
1751	2,529676E+22	2,475321E+22	2,405239E+22	2,405227E+22	2,475304E+22	2,529655E+22	2,494327E+22	2,378798E+22	2,273415E+22	2,273420E+22	2,378806E+22	2,494337E+22
1752	2,529667E+22	2,475360E+22	2,405352E+22	2,405369E+22	2,475427E+22	2,529765E+22	2,494411E+22	2,378842E+22	2,273436E+22	2,273423E+22	2,378808E+22	2,494365E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1753	2,529720E+22	2,475400E+22	2,405370E+22	2,405358E+22	2,475359E+22	2,529662E+22	2,494343E+22	2,378835E+22	2,273467E+22	2,273460E+22	2,378819E+22	2,494339E+22
1754	2,529673E+22	2,475339E+22	2,405279E+22	2,405276E+22	2,475330E+22	2,529669E+22	2,494360E+22	2,378856E+22	2,273491E+22	2,273480E+22	2,378818E+22	2,494315E+22
1755	2,529663E+22	2,475394E+22	2,405404E+22	2,405413E+22	2,475448E+22	2,529752E+22	2,494393E+22	2,378861E+22	2,273497E+22	2,273500E+22	2,378859E+22	2,494363E+22
1756	2,529677E+22	2,475352E+22	2,405324E+22	2,405312E+22	2,475333E+22	2,529651E+22	2,494324E+22	2,378819E+22	2,273471E+22	2,273481E+22	2,378846E+22	2,494350E+22
1757	2,529654E+22	2,475310E+22	2,405285E+22	2,405317E+22	2,475373E+22	2,529700E+22	2,494370E+22	2,378841E+22	2,273459E+22	2,273449E+22	2,378822E+22	2,494370E+22
1758	2,529728E+22	2,475405E+22	2,405360E+22	2,405369E+22	2,475417E+22	2,529712E+22	2,494350E+22	2,378818E+22	2,273449E+22	2,273460E+22	2,378845E+22	2,494378E+22
1759	2,529702E+22	2,475349E+22	2,405263E+22	2,405214E+22	2,475266E+22	2,529635E+22	2,494332E+22	2,378810E+22	2,273418E+22	2,273405E+22	2,378782E+22	2,494320E+22
1760	2,529657E+22	2,475342E+22	2,405328E+22	2,405332E+22	2,475366E+22	2,529706E+22	2,494379E+22	2,378825E+22	2,273412E+22	2,273389E+22	2,378769E+22	2,494328E+22
1761	2,529697E+22	2,475387E+22	2,405356E+22	2,405353E+22	2,475360E+22	2,529635E+22	2,494290E+22	2,378774E+22	2,273405E+22	2,273411E+22	2,378790E+22	2,494314E+22
1762	2,529638E+22	2,475294E+22	2,405221E+22	2,405217E+22	2,475304E+22	2,529650E+22	2,494304E+22	2,378763E+22	2,273387E+22	2,273401E+22	2,378781E+22	2,494301E+22
1763	2,529623E+22	2,475310E+22	2,405302E+22	2,405328E+22	2,475413E+22	2,529760E+22	2,494385E+22	2,378793E+22	2,273380E+22	2,273385E+22	2,378795E+22	2,494355E+22
1764	2,529682E+22	2,475319E+22	2,405257E+22	2,405251E+22	2,475303E+22	2,529648E+22	2,494324E+22	2,378782E+22	2,273381E+22	2,273375E+22	2,378770E+22	2,494323E+22
1765	2,529654E+22	2,475285E+22	2,405209E+22	2,405222E+22	2,475300E+22	2,529656E+22	2,494348E+22	2,378818E+22	2,273412E+22	2,273385E+22	2,378760E+22	2,494322E+22
1766	2,529695E+22	2,475383E+22	2,405336E+22	2,405331E+22	2,475384E+22	2,529692E+22	2,494338E+22	2,378805E+22	2,273433E+22	2,273440E+22	2,378822E+22	2,494352E+22
1767	2,529680E+22	2,475346E+22	2,405283E+22	2,405238E+22	2,475268E+22	2,529615E+22	2,494305E+22	2,378793E+22	2,273423E+22	2,273431E+22	2,378807E+22	2,494321E+22
1768	2,529631E+22	2,475307E+22	2,405310E+22	2,405339E+22	2,475379E+22	2,529703E+22	2,494365E+22	2,378824E+22	2,273440E+22	2,273437E+22	2,378814E+22	2,494354E+22
1769	2,529708E+22	2,475400E+22	2,405382E+22	2,405396E+22	2,475418E+22	2,529689E+22	2,494327E+22	2,378807E+22	2,273455E+22	2,273472E+22	2,378847E+22	2,494365E+22
1770	2,529689E+22	2,475351E+22	2,405284E+22	2,405262E+22	2,475323E+22	2,529666E+22	2,494342E+22	2,378833E+22	2,273478E+22	2,273480E+22	2,378826E+22	2,494328E+22
1771	2,529660E+22	2,475367E+22	2,405375E+22	2,405387E+22	2,475430E+22	2,529764E+22	2,494426E+22	2,378893E+22	2,273513E+22	2,273494E+22	2,378841E+22	2,494365E+22
1772	2,529718E+22	2,475417E+22	2,405400E+22	2,405387E+22	2,475376E+22	2,529661E+22	2,494346E+22	2,378868E+22	2,273527E+22	2,273517E+22	2,378847E+22	2,494332E+22
1773	2,529655E+22	2,475345E+22	2,405324E+22	2,405330E+22	2,475356E+22	2,529663E+22	2,494351E+22	2,378879E+22	2,273542E+22	2,273530E+22	2,378857E+22	2,494346E+22
1774	2,529677E+22	2,475392E+22	2,405414E+22	2,405435E+22	2,475465E+22	2,529750E+22	2,494378E+22	2,378861E+22	2,273528E+22	2,273550E+22	2,378906E+22	2,494402E+22
1775	2,529713E+22	2,475383E+22	2,405351E+22	2,405326E+22	2,475331E+22	2,529656E+22	2,494347E+22	2,378848E+22	2,273495E+22	2,273503E+22	2,378859E+22	2,494357E+22
1776	2,529666E+22	2,475332E+22	2,405314E+22	2,405337E+22	2,475376E+22	2,529700E+22	2,494383E+22	2,378874E+22	2,273500E+22	2,273477E+22	2,378825E+22	2,494356E+22
1777	2,529725E+22	2,475440E+22	2,405417E+22	2,405403E+22	2,475417E+22	2,529692E+22	2,494334E+22	2,378829E+22	2,273483E+22	2,273485E+22	2,378840E+22	2,494354E+22
1778	2,529693E+22	2,475377E+22	2,405327E+22	2,405275E+22	2,475291E+22	2,529626E+22	2,494309E+22	2,378812E+22	2,273464E+22	2,273466E+22	2,378807E+22	2,494301E+22
1779	2,529622E+22	2,475319E+22	2,405341E+22	2,405371E+22	2,475405E+22	2,529725E+22	2,494383E+22	2,378843E+22	2,273458E+22	2,273446E+22	2,378809E+22	2,494341E+22
1780	2,529690E+22	2,475373E+22	2,405354E+22	2,405375E+22	2,475402E+22	2,529676E+22	2,494315E+22	2,378794E+22	2,273432E+22	2,273440E+22	2,378810E+22	2,494323E+22
1781	2,529639E+22	2,475295E+22	2,405238E+22	2,405238E+22	2,475315E+22	2,529665E+22	2,494336E+22	2,378811E+22	2,273433E+22	2,273427E+22	2,378800E+22	2,494330E+22
1782	2,529656E+22	2,475327E+22	2,405310E+22	2,405328E+22	2,475402E+22	2,529748E+22	2,494389E+22	2,378831E+22	2,273442E+22	2,273441E+22	2,378826E+22	2,494373E+22
1783	2,529715E+22	2,475370E+22	2,405308E+22	2,405268E+22	2,475281E+22	2,529628E+22	2,494334E+22	2,378822E+22	2,273441E+22	2,273431E+22	2,378792E+22	2,494313E+22
1784	2,529644E+22	2,475304E+22	2,405260E+22	2,405270E+22	2,475311E+22	2,529640E+22	2,494337E+22	2,378844E+22	2,273472E+22	2,273450E+22	2,378797E+22	2,494318E+22
1785	2,529680E+22	2,475402E+22	2,405392E+22	2,405389E+22	2,475414E+22	2,529682E+22	2,494307E+22	2,378799E+22	2,273463E+22	2,273483E+22	2,378852E+22	2,494364E+22
1786	2,529686E+22	2,475364E+22	2,405330E+22	2,405295E+22	2,475309E+22	2,529632E+22	2,494297E+22	2,378790E+22	2,273458E+22	2,273485E+22	2,378841E+22	2,494333E+22
1787	2,529634E+22	2,475306E+22	2,405322E+22	2,405360E+22	2,475402E+22	2,529730E+22	2,494398E+22	2,378866E+22	2,273487E+22	2,273476E+22	2,378836E+22	2,494367E+22
1788	2,529728E+22	2,475426E+22	2,405406E+22	2,405417E+22	2,475436E+22	2,529707E+22	2,494353E+22	2,378853E+22	2,273506E+22	2,273502E+22	2,378843E+22	2,494344E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
1789	2,529682E+22	2,475380E+22	2,405343E+22	2,405311E+22	2,475331E+22	2,529659E+22	2,494355E+22	2,378884E+22	2,273549E+22	2,273529E+22	2,378842E+22	2,494326E+22
1790	2,529658E+22	2,475376E+22	2,405407E+22	2,405426E+22	2,475442E+22	2,529745E+22	2,494409E+22	2,378915E+22	2,273581E+22	2,273572E+22	2,378890E+22	2,494374E+22
1791	2,529717E+22	2,475431E+22	2,405437E+22	2,405425E+22	2,475392E+22	2,529666E+22	2,494354E+22	2,378892E+22	2,273575E+22	2,273578E+22	2,378890E+22	2,494342E+22
1792	2,529643E+22	2,475336E+22	2,405341E+22	2,405362E+22	2,475383E+22	2,529682E+22	2,494365E+22	2,378901E+22	2,273581E+22	2,273576E+22	2,378894E+22	2,494364E+22
1793	2,529687E+22	2,475413E+22	2,405441E+22	2,405453E+22	2,475466E+22	2,529744E+22	2,494377E+22	2,378875E+22	2,273553E+22	2,273570E+22	2,378917E+22	2,494415E+22
1794	2,529739E+22	2,475423E+22	2,405396E+22	2,405359E+22	2,475340E+22	2,529651E+22	2,494339E+22	2,378862E+22	2,273541E+22	2,273550E+22	2,378873E+22	2,494349E+22
1795	2,529665E+22	2,475349E+22	2,405345E+22	2,405361E+22	2,475381E+22	2,529700E+22	2,494391E+22	2,378902E+22	2,273549E+22	2,273525E+22	2,378847E+22	2,494350E+22
1796	2,529719E+22	2,475453E+22	2,405447E+22	2,405443E+22	2,475444E+22	2,529699E+22	2,494335E+22	2,378847E+22	2,273519E+22	2,273522E+22	2,378854E+22	2,494339E+22
1797	2,529669E+22	2,475377E+22	2,405365E+22	2,405334E+22	2,475330E+22	2,529642E+22	2,494314E+22	2,378832E+22	2,273502E+22	2,273502E+22	2,378837E+22	2,494326E+22
1798	2,529630E+22	2,475308E+22	2,405332E+22	2,405381E+22	2,475420E+22	2,529737E+22	2,494388E+22	2,378857E+22	2,273494E+22	2,273493E+22	2,378848E+22	2,494368E+22
1799	2,529715E+22	2,475395E+22	2,405367E+22	2,405375E+22	2,475388E+22	2,529684E+22	2,494354E+22	2,378840E+22	2,273473E+22	2,273470E+22	2,378823E+22	2,494325E+22
1800	2,529647E+22	2,475315E+22	2,405264E+22	2,405256E+22	2,475307E+22	2,529653E+22	2,494345E+22	2,378852E+22	2,273491E+22	2,273470E+22	2,378810E+22	2,494317E+22
1801	2,529656E+22	2,475367E+22	2,405365E+22	2,405355E+22	2,475383E+22	2,529707E+22	2,494360E+22	2,378841E+22	2,273486E+22	2,273486E+22	2,378840E+22	2,494362E+22
1802	2,529713E+22	2,475404E+22	2,405374E+22	2,405335E+22	2,475306E+22	2,529611E+22	2,494299E+22	2,378817E+22	2,273491E+22	2,273501E+22	2,378831E+22	2,494309E+22
1803	2,529624E+22	2,475299E+22	2,405287E+22	2,405319E+22	2,475352E+22	2,529658E+22	2,494336E+22	2,378850E+22	2,273510E+22	2,273504E+22	2,378840E+22	2,494337E+22
1804	2,529683E+22	2,475405E+22	2,405409E+22	2,405430E+22	2,475460E+22	2,529721E+22	2,494332E+22	2,378819E+22	2,273489E+22	2,273508E+22	2,378865E+22	2,494366E+22
1805	2,529690E+22	2,475381E+22	2,405368E+22	2,405344E+22	2,475340E+22	2,529657E+22	2,494332E+22	2,378841E+22	2,273508E+22	2,273511E+22	2,378853E+22	2,494347E+22
1806	2,529653E+22	2,475325E+22	2,405337E+22	2,405376E+22	2,475408E+22	2,529732E+22	2,494414E+22	2,378914E+22	2,273561E+22	2,273541E+22	2,378863E+22	2,494367E+22
1807	2,529736E+22	2,475463E+22	2,405456E+22	2,405446E+22	2,475426E+22	2,529704E+22	2,494384E+22	2,378908E+22	2,273579E+22	2,273570E+22	2,378873E+22	2,494331E+22
1808	2,529659E+22	2,475383E+22	2,405384E+22	2,405363E+22	2,475348E+22	2,529649E+22	2,494354E+22	2,378921E+22	2,273621E+22	2,273608E+22	2,378893E+22	2,494330E+22
1809	2,529643E+22	2,475386E+22	2,405441E+22	2,405462E+22	2,475458E+22	2,529735E+22	2,494385E+22	2,378913E+22	2,273617E+22	2,273628E+22	2,378938E+22	2,494404E+22
1810	2,529734E+22	2,475452E+22	2,405467E+22	2,405461E+22	2,475417E+22	2,529674E+22	2,494342E+22	2,378888E+22	2,273608E+22	2,273632E+22	2,378932E+22	2,494369E+22
1811	2,529663E+22	2,475350E+22	2,405349E+22	2,405371E+22	2,475389E+22	2,529692E+22	2,494382E+22	2,378928E+22	2,273615E+22	2,273606E+22	2,378914E+22	2,494383E+22
1812	2,529717E+22	2,475451E+22	2,405473E+22	2,405478E+22	2,475474E+22	2,529742E+22	2,494384E+22	2,378900E+22	2,273585E+22	2,273584E+22	2,378904E+22	2,494393E+22
1813	2,529737E+22	2,475459E+22	2,405461E+22	2,405420E+22	2,475356E+22	2,529641E+22	2,494340E+22	2,378890E+22	2,273582E+22	2,273575E+22	2,378877E+22	2,494340E+22
1814	2,529655E+22	2,475355E+22	2,405373E+22	2,405405E+22	2,475405E+22	2,529696E+22	2,494382E+22	2,378918E+22	2,273596E+22	2,273580E+22	2,378879E+22	2,494346E+22
1815	2,529704E+22	2,475459E+22	2,405476E+22	2,405477E+22	2,475465E+22	2,529722E+22	2,494363E+22	2,378869E+22	2,273552E+22	2,273560E+22	2,378877E+22	2,494334E+22
1816	2,529644E+22	2,475358E+22	2,405368E+22	2,405356E+22	2,475351E+22	2,529663E+22	2,494344E+22	2,378868E+22	2,273547E+22	2,273545E+22	2,378864E+22	2,494329E+22
1817	2,529631E+22	2,475322E+22	2,405341E+22	2,405380E+22	2,475410E+22	2,529727E+22	2,494393E+22	2,378884E+22	2,273534E+22	2,273527E+22	2,378866E+22	2,494377E+22
1818	2,529734E+22	2,475430E+22	2,405400E+22	2,405394E+22	2,475381E+22	2,529664E+22	2,494339E+22	2,378860E+22	2,273535E+22	2,273535E+22	2,378851E+22	2,494323E+22
1819	2,529645E+22	2,475333E+22	2,405294E+22	2,405279E+22	2,475304E+22	2,529636E+22	2,494340E+22	2,378877E+22	2,273545E+22	2,273532E+22	2,378850E+22	2,494326E+22
1820	2,529658E+22	2,475386E+22	2,405407E+22	2,405410E+22	2,475410E+22	2,529694E+22	2,494341E+22	2,378845E+22	2,273519E+22	2,273527E+22	2,378866E+22	2,494363E+22
1821	2,529703E+22	2,475416E+22	2,405423E+22	2,405406E+22	2,475356E+22	2,529627E+22	2,494297E+22	2,378823E+22	2,273515E+22	2,273533E+22	2,378867E+22	2,494341E+22
1822	2,529638E+22	2,475305E+22	2,405298E+22	2,405346E+22	2,475381E+22	2,529683E+22	2,494355E+22	2,378869E+22	2,273543E+22	2,273546E+22	2,378872E+22	2,494356E+22
1823	2,529706E+22	2,475439E+22	2,405441E+22	2,405446E+22	2,475460E+22	2,529744E+22	2,494385E+22	2,378873E+22	2,273537E+22	2,273539E+22	2,378869E+22	2,494353E+22
1824	2,529686E+22	2,475403E+22	2,405406E+22	2,405380E+22	2,475352E+22	2,529659E+22	2,494358E+22	2,378902E+22	2,273586E+22	2,273570E+22	2,378865E+22	2,494323E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1825	2,529642E+22	2,475359E+22	2,405386E+22	2,405409E+22	2,475405E+22	2,529706E+22	2,494401E+22	2,378942E+22	2,273626E+22	2,273607E+22	2,378895E+22	2,494361E+22
1826	2,529723E+22	2,475480E+22	2,405506E+22	2,405505E+22	2,475455E+22	2,529691E+22	2,494358E+22	2,378920E+22	2,273647E+22	2,273655E+22	2,378928E+22	2,494342E+22
1827	2,529643E+22	2,475374E+22	2,405399E+22	2,405396E+22	2,475379E+22	2,529665E+22	2,494360E+22	2,378936E+22	2,273663E+22	2,273668E+22	2,378949E+22	2,494368E+22
1828	2,529661E+22	2,475393E+22	2,405454E+22	2,405489E+22	2,475478E+22	2,529746E+22	2,494399E+22	2,378932E+22	2,273641E+22	2,273652E+22	2,378957E+22	2,494421E+22
1829	2,529756E+22	2,475485E+22	2,405509E+22	2,405502E+22	2,475437E+22	2,529682E+22	2,494360E+22	2,378921E+22	2,273641E+22	2,273650E+22	2,378945E+22	2,494389E+22
1830	2,529691E+22	2,475387E+22	2,405380E+22	2,405387E+22	2,475389E+22	2,529683E+22	2,494384E+22	2,378954E+22	2,273664E+22	2,273650E+22	2,378928E+22	2,494375E+22
1831	2,529723E+22	2,475491E+22	2,405529E+22	2,405510E+22	2,475470E+22	2,529739E+22	2,494407E+22	2,378937E+22	2,273632E+22	2,273625E+22	2,378913E+22	2,494366E+22
1832	2,529704E+22	2,475456E+22	2,405500E+22	2,405481E+22	2,475394E+22	2,529642E+22	2,494341E+22	2,378918E+22	2,273635E+22	2,273628E+22	2,378901E+22	2,494325E+22
1833	2,529629E+22	2,475353E+22	2,405388E+22	2,405429E+22	2,475426E+22	2,529696E+22	2,494370E+22	2,378918E+22	2,273623E+22	2,273622E+22	2,378912E+22	2,494361E+22
1834	2,529701E+22	2,475458E+22	2,405487E+22	2,405497E+22	2,475483E+22	2,529732E+22	2,494366E+22	2,378884E+22	2,273591E+22	2,273607E+22	2,378910E+22	2,494350E+22
1835	2,529650E+22	2,475361E+22	2,405366E+22	2,405351E+22	2,475345E+22	2,529663E+22	2,494363E+22	2,378903E+22	2,273590E+22	2,273582E+22	2,378889E+22	2,494346E+22
1836	2,529650E+22	2,475349E+22	2,405369E+22	2,405396E+22	2,475400E+22	2,529702E+22	2,494386E+22	2,378906E+22	2,273576E+22	2,273559E+22	2,378870E+22	2,494366E+22
1837	2,529732E+22	2,475464E+22	2,405462E+22	2,405451E+22	2,475397E+22	2,529645E+22	2,494324E+22	2,378874E+22	2,273571E+22	2,273573E+22	2,378879E+22	2,494334E+22
1838	2,529643E+22	2,475346E+22	2,405327E+22	2,405324E+22	2,475334E+22	2,529632E+22	2,494323E+22	2,378878E+22	2,273582E+22	2,273585E+22	2,378890E+22	2,494339E+22
1839	2,529658E+22	2,475404E+22	2,405445E+22	2,405451E+22	2,475440E+22	2,529725E+22	2,494373E+22	2,378865E+22	2,273545E+22	2,273557E+22	2,378888E+22	2,494368E+22
1840	2,529694E+22	2,475415E+22	2,405446E+22	2,405450E+22	2,475397E+22	2,529657E+22	2,494335E+22	2,378869E+22	2,273562E+22	2,273569E+22	2,378881E+22	2,494336E+22
1841	2,529643E+22	2,475334E+22	2,405325E+22	2,405361E+22	2,475386E+22	2,529685E+22	2,494373E+22	2,378913E+22	2,273599E+22	2,273589E+22	2,378888E+22	2,494354E+22
1842	2,529710E+22	2,475471E+22	2,405487E+22	2,405479E+22	2,475468E+22	2,529737E+22	2,494388E+22	2,378917E+22	2,273621E+22	2,273616E+22	2,378900E+22	2,494343E+22
1843	2,529670E+22	2,475413E+22	2,405437E+22	2,405407E+22	2,475358E+22	2,529650E+22	2,494367E+22	2,378947E+22	2,273664E+22	2,273652E+22	2,378919E+22	2,494337E+22
1844	2,529637E+22	2,475366E+22	2,405421E+22	2,405458E+22	2,475429E+22	2,529691E+22	2,494384E+22	2,378958E+22	2,273678E+22	2,273669E+22	2,378940E+22	2,494379E+22
1845	2,529723E+22	2,475491E+22	2,405544E+22	2,405557E+22	2,475492E+22	2,529700E+22	2,494353E+22	2,378926E+22	2,273674E+22	2,273697E+22	2,378980E+22	2,494392E+22
1846	2,529672E+22	2,475390E+22	2,405412E+22	2,405411E+22	2,475392E+22	2,529673E+22	2,494370E+22	2,378953E+22	2,273692E+22	2,273705E+22	2,378983E+22	2,494399E+22
1847	2,529699E+22	2,475444E+22	2,405501E+22	2,405507E+22	2,475470E+22	2,529748E+22	2,494428E+22	2,378968E+22	2,273674E+22	2,273669E+22	2,378951E+22	2,494406E+22
1848	2,529754E+22	2,475515E+22	2,405561E+22	2,405547E+22	2,475453E+22	2,529675E+22	2,494368E+22	2,378960E+22	2,273697E+22	2,273688E+22	2,378939E+22	2,494351E+22
1849	2,529673E+22	2,475421E+22	2,405435E+22	2,405430E+22	2,475402E+22	2,529665E+22	2,494367E+22	2,378967E+22	2,273707E+22	2,273696E+22	2,378944E+22	2,494355E+22
1850	2,529693E+22	2,475494E+22	2,405571E+22	2,405567E+22	2,475510E+22	2,529741E+22	2,494389E+22	2,378947E+22	2,273684E+22	2,273685E+22	2,378946E+22	2,494361E+22
1851	2,529671E+22	2,475428E+22	2,405497E+22	2,405500E+22	2,475428E+22	2,529670E+22	2,494364E+22	2,378944E+22	2,273675E+22	2,273675E+22	2,378943E+22	2,494349E+22
1852	2,529631E+22	2,475341E+22	2,405385E+22	2,405439E+22	2,475437E+22	2,529702E+22	2,494388E+22	2,378946E+22	2,273653E+22	2,273645E+22	2,378928E+22	2,494375E+22
1853	2,529714E+22	2,475473E+22	2,405506E+22	2,405514E+22	2,475490E+22	2,529730E+22	2,494377E+22	2,378917E+22	2,273627E+22	2,273636E+22	2,378936E+22	2,494377E+22
1854	2,529672E+22	2,475387E+22	2,405388E+22	2,405353E+22	2,475332E+22	2,529645E+22	2,494360E+22	2,378928E+22	2,273639E+22	2,273635E+22	2,378921E+22	2,494356E+22
1855	2,529664E+22	2,475391E+22	2,405426E+22	2,405425E+22	2,475390E+22	2,529684E+22	2,494390E+22	2,378929E+22	2,273616E+22	2,273602E+22	2,378893E+22	2,494359E+22
1856	2,529716E+22	2,475472E+22	2,405508E+22	2,405512E+22	2,475439E+22	2,529646E+22	2,494316E+22	2,378890E+22	2,273615E+22	2,273621E+22	2,378905E+22	2,494332E+22
1857	2,529642E+22	2,475366E+22	2,405358E+22	2,405356E+22	2,475364E+22	2,529642E+22	2,494316E+22	2,378878E+22	2,273604E+22	2,273619E+22	2,378917E+22	2,494355E+22
1858	2,529668E+22	2,475421E+22	2,405475E+22	2,405484E+22	2,475468E+22	2,529740E+22	2,494387E+22	2,378898E+22	2,273592E+22	2,273595E+22	2,378903E+22	2,494370E+22
1859	2,529697E+22	2,475429E+22	2,405465E+22	2,405464E+22	2,475408E+22	2,529668E+22	2,494368E+22	2,378927E+22	2,273626E+22	2,273615E+22	2,378898E+22	2,494337E+22
1860	2,529647E+22	2,475356E+22	2,405367E+22	2,405392E+22	2,475386E+22	2,529666E+22	2,494376E+22	2,378955E+22	2,273664E+22	2,273641E+22	2,378902E+22	2,494339E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1861	2,529694E+22	2,475488E+22	2,405545E+22	2,405541E+22	2,475496E+22	2,529728E+22	2,494382E+22	2,378944E+22	2,273675E+22	2,273680E+22	2,378951E+22	2,494363E+22
1862	2,529663E+22	2,475417E+22	2,405466E+22	2,405445E+22	2,475384E+22	2,529647E+22	2,494353E+22	2,378958E+22	2,273715E+22	2,273724E+22	2,378978E+22	2,494366E+22
1863	2,529647E+22	2,475384E+22	2,405456E+22	2,405483E+22	2,475443E+22	2,529708E+22	2,494406E+22	2,378979E+22	2,273711E+22	2,273709E+22	2,378972E+22	2,494398E+22
1864	2,529731E+22	2,475502E+22	2,405573E+22	2,405596E+22	2,475522E+22	2,529716E+22	2,494376E+22	2,378965E+22	2,273720E+22	2,273731E+22	2,378991E+22	2,494393E+22
1865	2,529694E+22	2,475435E+22	2,405451E+22	2,405430E+22	2,475394E+22	2,529663E+22	2,494368E+22	2,378977E+22	2,273734E+22	2,273738E+22	2,378991E+22	2,494395E+22
1866	2,529707E+22	2,475482E+22	2,405559E+22	2,405551E+22	2,475484E+22	2,529736E+22	2,494422E+22	2,379001E+22	2,273738E+22	2,273722E+22	2,378965E+22	2,494387E+22
1867	2,529733E+22	2,475520E+22	2,405597E+22	2,405588E+22	2,475477E+22	2,529676E+22	2,494375E+22	2,378994E+22	2,273753E+22	2,273746E+22	2,378973E+22	2,494350E+22
1868	2,529651E+22	2,475408E+22	2,405463E+22	2,405478E+22	2,475435E+22	2,529666E+22	2,494358E+22	2,378978E+22	2,273745E+22	2,273740E+22	2,378973E+22	2,494361E+22
1869	2,529678E+22	2,475480E+22	2,405585E+22	2,405602E+22	2,475550E+22	2,529768E+22	2,494401E+22	2,378957E+22	2,273702E+22	2,273718E+22	2,378990E+22	2,494399E+22
1870	2,529688E+22	2,475427E+22	2,405489E+22	2,405489E+22	2,475425E+22	2,529679E+22	2,494383E+22	2,378974E+22	2,273711E+22	2,273712E+22	2,378972E+22	2,494377E+22
1871	2,529665E+22	2,475380E+22	2,405414E+22	2,405431E+22	2,475410E+22	2,529693E+22	2,494410E+22	2,378987E+22	2,273696E+22	2,273670E+22	2,378929E+22	2,494369E+22
1872	2,529720E+22	2,475501E+22	2,405552E+22	2,405546E+22	2,475490E+22	2,529708E+22	2,494372E+22	2,378951E+22	2,273684E+22	2,273680E+22	2,378939E+22	2,494355E+22
1873	2,529671E+22	2,475424E+22	2,405442E+22	2,405393E+22	2,475340E+22	2,529617E+22	2,494328E+22	2,378928E+22	2,273673E+22	2,273680E+22	2,378945E+22	2,494354E+22
1874	2,529653E+22	2,475406E+22	2,405478E+22	2,405487E+22	2,475432E+22	2,529684E+22	2,494367E+22	2,378932E+22	2,273656E+22	2,273649E+22	2,378922E+22	2,494361E+22
1875	2,529699E+22	2,475461E+22	2,405521E+22	2,405541E+22	2,475479E+22	2,529681E+22	2,494343E+22	2,378917E+22	2,273650E+22	2,273659E+22	2,378934E+22	2,494350E+22
1876	2,529646E+22	2,475367E+22	2,405381E+22	2,405387E+22	2,475388E+22	2,529656E+22	2,494340E+22	2,378917E+22	2,273646E+22	2,273647E+22	2,378925E+22	2,494355E+22
1877	2,529672E+22	2,475437E+22	2,405507E+22	2,405515E+22	2,475488E+22	2,529750E+22	2,494406E+22	2,378942E+22	2,273645E+22	2,273640E+22	2,378929E+22	2,494378E+22
1878	2,529700E+22	2,475446E+22	2,405493E+22	2,405478E+22	2,475405E+22	2,529661E+22	2,494378E+22	2,378973E+22	2,273702E+22	2,273690E+22	2,378940E+22	2,494345E+22
1879	2,529649E+22	2,475384E+22	2,405421E+22	2,405425E+22	2,475384E+22	2,529653E+22	2,494380E+22	2,378988E+22	2,273724E+22	2,273705E+22	2,378941E+22	2,494344E+22
1880	2,529680E+22	2,475485E+22	2,405579E+22	2,405592E+22	2,475532E+22	2,529729E+22	2,494373E+22	2,378964E+22	2,273731E+22	2,273744E+22	2,378992E+22	2,494379E+22
1881	2,529677E+22	2,475439E+22	2,405493E+22	2,405470E+22	2,475403E+22	2,529652E+22	2,494346E+22	2,378959E+22	2,273740E+22	2,273766E+22	2,379018E+22	2,494399E+22
1882	2,529676E+22	2,475419E+22	2,405497E+22	2,405517E+22	2,475459E+22	2,529705E+22	2,494404E+22	2,379005E+22	2,273755E+22	2,273743E+22	2,378987E+22	2,494404E+22
1883	2,529745E+22	2,475530E+22	2,405608E+22	2,405616E+22	2,475532E+22	2,529720E+22	2,494394E+22	2,379009E+22	2,273775E+22	2,273770E+22	2,378998E+22	2,494385E+22
1884	2,529696E+22	2,475462E+22	2,405511E+22	2,405482E+22	2,475407E+22	2,529648E+22	2,494361E+22	2,379003E+22	2,273783E+22	2,273775E+22	2,378991E+22	2,494368E+22
1885	2,529684E+22	2,475491E+22	2,405611E+22	2,405618E+22	2,475527E+22	2,529742E+22	2,494418E+22	2,379017E+22	2,273776E+22	2,273769E+22	2,379000E+22	2,494390E+22
1886	2,529711E+22	2,475508E+22	2,405611E+22	2,405617E+22	2,475509E+22	2,529698E+22	2,494384E+22	2,379015E+22	2,273798E+22	2,273802E+22	2,379017E+22	2,494371E+22
1887	2,529651E+22	2,475409E+22	2,405478E+22	2,405485E+22	2,475441E+22	2,529693E+22	2,494393E+22	2,379011E+22	2,273779E+22	2,273773E+22	2,378997E+22	2,494374E+22
1888	2,529681E+22	2,475476E+22	2,405591E+22	2,405614E+22	2,475560E+22	2,529778E+22	2,494427E+22	2,379004E+22	2,273756E+22	2,273756E+22	2,378998E+22	2,494401E+22
1889	2,529713E+22	2,475466E+22	2,405513E+22	2,405487E+22	2,475406E+22	2,529657E+22	2,494373E+22	2,378995E+22	2,273758E+22	2,273756E+22	2,378991E+22	2,494382E+22
1890	2,529681E+22	2,475419E+22	2,405467E+22	2,405465E+22	2,475404E+22	2,529659E+22	2,494383E+22	2,379009E+22	2,273756E+22	2,273724E+22	2,378951E+22	2,494362E+22
1891	2,529711E+22	2,475512E+22	2,405591E+22	2,405587E+22	2,475508E+22	2,529696E+22	2,494359E+22	2,378968E+22	2,273731E+22	2,273733E+22	2,378975E+22	2,494363E+22
1892	2,529662E+22	2,475422E+22	2,405482E+22	2,405452E+22	2,475374E+22	2,529616E+22	2,494308E+22	2,378922E+22	2,273695E+22	2,273711E+22	2,378967E+22	2,494362E+22
1893	2,529651E+22	2,475405E+22	2,405504E+22	2,405534E+22	2,475481E+22	2,529720E+22	2,494383E+22	2,378938E+22	2,273665E+22	2,273672E+22	2,378953E+22	2,494385E+22
1894	2,529713E+22	2,475471E+22	2,405532E+22	2,405549E+22	2,475489E+22	2,529702E+22	2,494371E+22	2,378955E+22	2,273692E+22	2,273692E+22	2,378950E+22	2,494357E+22
1895	2,529663E+22	2,475401E+22	2,405419E+22	2,405395E+22	2,475374E+22	2,529660E+22	2,494367E+22	2,378967E+22	2,273707E+22	2,273687E+22	2,378927E+22	2,494335E+22
1896	2,529660E+22	2,475448E+22	2,405549E+22	2,405556E+22	2,475503E+22	2,529745E+22	2,494412E+22	2,378988E+22	2,273723E+22	2,273706E+22	2,378944E+22	2,494357E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
1897	2,529693E+22	2,475468E+22	2,405534E+22	2,405515E+22	2,475416E+22	2,529642E+22	2,494352E+22	2,378983E+22	2,273757E+22	2,273760E+22	2,378988E+22	2,494358E+22
1898	2,529645E+22	2,475394E+22	2,405463E+22	2,405478E+22	2,475416E+22	2,529649E+22	2,494362E+22	2,379004E+22	2,273779E+22	2,273765E+22	2,378986E+22	2,494367E+22
1899	2,529684E+22	2,475485E+22	2,405595E+22	2,405617E+22	2,475556E+22	2,529749E+22	2,494394E+22	2,378995E+22	2,273773E+22	2,273789E+22	2,379029E+22	2,494407E+22
1900	2,529698E+22	2,475456E+22	2,405530E+22	2,405509E+22	2,475417E+22	2,529652E+22	2,494354E+22	2,378987E+22	2,273779E+22	2,273792E+22	2,379024E+22	2,494400E+22
1901	2,529693E+22	2,475455E+22	2,405547E+22	2,405561E+22	2,475485E+22	2,529718E+22	2,494415E+22	2,379031E+22	2,273795E+22	2,273783E+22	2,379009E+22	2,494404E+22
1902	2,529747E+22	2,475558E+22	2,405650E+22	2,405644E+22	2,475538E+22	2,529722E+22	2,494405E+22	2,379047E+22	2,273838E+22	2,273832E+22	2,379028E+22	2,494381E+22
1903	2,529689E+22	2,475483E+22	2,405563E+22	2,405525E+22	2,475423E+22	2,529655E+22	2,494371E+22	2,379035E+22	2,273840E+22	2,273830E+22	2,379019E+22	2,494362E+22
1904	2,529661E+22	2,475474E+22	2,405629E+22	2,405665E+22	2,475571E+22	2,529764E+22	2,494427E+22	2,379044E+22	2,273830E+22	2,273825E+22	2,379027E+22	2,494394E+22
1905	2,529718E+22	2,475515E+22	2,405615E+22	2,405624E+22	2,475516E+22	2,529706E+22	2,494391E+22	2,379030E+22	2,273830E+22	2,273844E+22	2,379053E+22	2,494398E+22
1906	2,529676E+22	2,475434E+22	2,405504E+22	2,405500E+22	2,475433E+22	2,529675E+22	2,494394E+22	2,379047E+22	2,273829E+22	2,273807E+22	2,379012E+22	2,494380E+22
1907	2,529695E+22	2,475499E+22	2,405613E+22	2,405618E+22	2,475543E+22	2,529762E+22	2,494431E+22	2,379040E+22	2,273810E+22	2,273800E+22	2,379015E+22	2,494398E+22
1908	2,529716E+22	2,475491E+22	2,405569E+22	2,405537E+22	2,475407E+22	2,529625E+22	2,494345E+22	2,378999E+22	2,273794E+22	2,273794E+22	2,379003E+22	2,494368E+22
1909	2,529670E+22	2,475435E+22	2,405519E+22	2,405532E+22	2,475448E+22	2,529660E+22	2,494358E+22	2,378992E+22	2,273768E+22	2,273763E+22	2,378989E+22	2,494369E+22
1910	2,529698E+22	2,475507E+22	2,405607E+22	2,405618E+22	2,475541E+22	2,529723E+22	2,494366E+22	2,378976E+22	2,273758E+22	2,273771E+22	2,379007E+22	2,494381E+22
1911	2,529669E+22	2,475431E+22	2,405504E+22	2,405475E+22	2,475396E+22	2,529654E+22	2,494344E+22	2,378952E+22	2,273722E+22	2,273729E+22	2,378972E+22	2,494360E+22
1912	2,529650E+22	2,475403E+22	2,405514E+22	2,405557E+22	2,475503E+22	2,529742E+22	2,494417E+22	2,378993E+22	2,273724E+22	2,273707E+22	2,378946E+22	2,494367E+22
1913	2,529723E+22	2,475500E+22	2,405556E+22	2,405555E+22	2,475479E+22	2,529695E+22	2,494380E+22	2,378993E+22	2,273755E+22	2,273750E+22	2,378975E+22	2,494355E+22
1914	2,529665E+22	2,475429E+22	2,405471E+22	2,405435E+22	2,475369E+22	2,529629E+22	2,494356E+22	2,379009E+22	2,273784E+22	2,273759E+22	2,378964E+22	2,494333E+22
1915	2,529645E+22	2,475450E+22	2,405575E+22	2,405591E+22	2,475515E+22	2,529736E+22	2,494406E+22	2,379016E+22	2,273789E+22	2,273783E+22	2,379000E+22	2,494378E+22
1916	2,529690E+22	2,475467E+22	2,405568E+22	2,405566E+22	2,475443E+22	2,529639E+22	2,494332E+22	2,378980E+22	2,273789E+22	2,273809E+22	2,379029E+22	2,494384E+22
1917	2,529664E+22	2,475413E+22	2,405494E+22	2,405520E+22	2,475451E+22	2,529671E+22	2,494367E+22	2,379004E+22	2,273791E+22	2,273798E+22	2,379027E+22	2,494398E+22
1918	2,529714E+22	2,475518E+22	2,405622E+22	2,405632E+22	2,475557E+22	2,529756E+22	2,494415E+22	2,379035E+22	2,273821E+22	2,273825E+22	2,379044E+22	2,494416E+22
1919	2,529723E+22	2,475508E+22	2,405591E+22	2,405543E+22	2,475418E+22	2,529654E+22	2,494371E+22	2,379029E+22	2,273834E+22	2,273828E+22	2,379020E+22	2,494372E+22
1920	2,529678E+22	2,475474E+22	2,405604E+22	2,405625E+22	2,475518E+22	2,529723E+22	2,494424E+22	2,379072E+22	2,273864E+22	2,273841E+22	2,379013E+22	2,494371E+22
1921	2,529729E+22	2,475574E+22	2,405691E+22	2,405692E+22	2,475565E+22	2,529724E+22	2,494396E+22	2,379060E+22	2,273889E+22	2,273895E+22	2,379070E+22	2,494386E+22
1922	2,529674E+22	2,475481E+22	2,405592E+22	2,405571E+22	2,475453E+22	2,529663E+22	2,494377E+22	2,379066E+22	2,273894E+22	2,273886E+22	2,379058E+22	2,494377E+22
1923	2,529656E+22	2,475461E+22	2,405623E+22	2,405674E+22	2,475584E+22	2,529784E+22	2,494457E+22	2,379087E+22	2,273882E+22	2,273874E+22	2,379064E+22	2,494417E+22
1924	2,529730E+22	2,475523E+22	2,405635E+22	2,405643E+22	2,475510E+22	2,529689E+22	2,494387E+22	2,379053E+22	2,273872E+22	2,273878E+22	2,379069E+22	2,494405E+22
1925	2,529693E+22	2,475466E+22	2,405541E+22	2,405529E+22	2,475440E+22	2,529668E+22	2,494386E+22	2,379054E+22	2,273859E+22	2,273852E+22	2,379046E+22	2,494389E+22
1926	2,529702E+22	2,475527E+22	2,405652E+22	2,405643E+22	2,475535E+22	2,529743E+22	2,494421E+22	2,379055E+22	2,273852E+22	2,273850E+22	2,379048E+22	2,494405E+22
1927	2,529715E+22	2,475512E+22	2,405614E+22	2,405581E+22	2,475427E+22	2,529627E+22	2,494335E+22	2,379002E+22	2,273819E+22	2,273826E+22	2,379022E+22	2,494365E+22
1928	2,529656E+22	2,475429E+22	2,405539E+22	2,405580E+22	2,475499E+22	2,529695E+22	2,494371E+22	2,379003E+22	2,273795E+22	2,273791E+22	2,378995E+22	2,494368E+22
1929	2,529709E+22	2,475522E+22	2,405616E+22	2,405628E+22	2,475552E+22	2,529742E+22	2,494385E+22	2,378992E+22	2,273780E+22	2,273796E+22	2,379023E+22	2,494390E+22
1930	2,529685E+22	2,475458E+22	2,405533E+22	2,405497E+22	2,475394E+22	2,529645E+22	2,494363E+22	2,379007E+22	2,273782E+22	2,273762E+22	2,378975E+22	2,494348E+22
1931	2,529647E+22	2,475419E+22	2,405533E+22	2,405569E+22	2,475495E+22	2,529733E+22	2,494434E+22	2,379046E+22	2,273799E+22	2,273768E+22	2,378967E+22	2,494353E+22
1932	2,529702E+22	2,475508E+22	2,405604E+22	2,405606E+22	2,475481E+22	2,529665E+22	2,494359E+22	2,379010E+22	2,273811E+22	2,273812E+22	2,379007E+22	2,494349E+22

1 Longitude \odot	2	3	4	5	6	7	8	9	10	11	12	13
Years	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
1933	2,529650E+22	2,475437E+22	2,405513E+22	2,405496E+22	2,475409E+22	2,529632E+22	2,494338E+22	2,379002E+22	2,273814E+22	2,273822E+22	2,379027E+22	2,494357E+22
1934	2,529644E+22	2,475455E+22	2,405593E+22	2,405615E+22	2,475531E+22	2,529749E+22	2,494414E+22	2,379033E+22	2,273828E+22	2,273838E+22	2,379051E+22	2,494414E+22
1935	2,529714E+22	2,475495E+22	2,405600E+22	2,405593E+22	2,475461E+22	2,529662E+22	2,494356E+22	2,379009E+22	2,273825E+22	2,273840E+22	2,379044E+22	2,494393E+22
1936	2,529682E+22	2,475441E+22	2,405530E+22	2,405560E+22	2,475480E+22	2,529690E+22	2,494392E+22	2,379049E+22	2,273850E+22	2,273836E+22	2,379022E+22	2,494385E+22
1937	2,529733E+22	2,475564E+22	2,405668E+22	2,405661E+22	2,475559E+22	2,529751E+22	2,494422E+22	2,379068E+22	2,273881E+22	2,273882E+22	2,379067E+22	2,494409E+22
1938	2,529721E+22	2,475541E+22	2,405657E+22	2,405609E+22	2,475435E+22	2,529634E+22	2,494372E+22	2,379077E+22	2,273907E+22	2,273892E+22	2,379050E+22	2,494362E+22
1939	2,529652E+22	2,475467E+22	2,405626E+22	2,405668E+22	2,475549E+22	2,529731E+22	2,494431E+22	2,379107E+22	2,273931E+22	2,273915E+22	2,379065E+22	2,494382E+22
1940	2,529706E+22	2,475558E+22	2,405714E+22	2,405736E+22	2,475594E+22	2,529734E+22	2,494395E+22	2,379067E+22	2,273922E+22	2,273944E+22	2,379112E+22	2,494411E+22
1941	2,529687E+22	2,475491E+22	2,405607E+22	2,405596E+22	2,475475E+22	2,529679E+22	2,494387E+22	2,379070E+22	2,273910E+22	2,273923E+22	2,379101E+22	2,494405E+22
1942	2,529680E+22	2,475487E+22	2,405634E+22	2,405663E+22	2,475560E+22	2,529771E+22	2,494470E+22	2,379124E+22	2,273930E+22	2,273913E+22	2,379084E+22	2,494431E+22
1943	2,529755E+22	2,475569E+22	2,405679E+22	2,405662E+22	2,475503E+22	2,529676E+22	2,494383E+22	2,379074E+22	2,273912E+22	2,273909E+22	2,379070E+22	2,494387E+22
1944	2,529685E+22	2,475489E+22	2,405589E+22	2,405584E+22	2,475467E+22	2,529661E+22	2,494374E+22	2,379066E+22	2,273898E+22	2,273888E+22	2,379047E+22	2,494370E+22
1945	2,529695E+22	2,475544E+22	2,405686E+22	2,405683E+22	2,475559E+22	2,529742E+22	2,494407E+22	2,379051E+22	2,273875E+22	2,273888E+22	2,379078E+22	2,494413E+22
1946	2,529709E+22	2,475519E+22	2,405647E+22	2,405629E+22	2,475458E+22	2,529637E+22	2,494349E+22	2,379028E+22	2,273849E+22	2,273850E+22	2,379036E+22	2,494365E+22
1947	2,529647E+22	2,475422E+22	2,405537E+22	2,405593E+22	2,475515E+22	2,529720E+22	2,494411E+22	2,379052E+22	2,273844E+22	2,273828E+22	2,379011E+22	2,494364E+22
1948	2,529698E+22	2,475527E+22	2,405640E+22	2,405651E+22	2,475554E+22	2,529737E+22	2,494396E+22	2,379026E+22	2,273830E+22	2,273834E+22	2,379031E+22	2,494380E+22
1949	2,529685E+22	2,475482E+22	2,405568E+22	2,405526E+22	2,475404E+22	2,529640E+22	2,494364E+22	2,379026E+22	2,273831E+22	2,273828E+22	2,379019E+22	2,494351E+22
1950	2,529639E+22	2,475434E+22	2,405561E+22	2,405588E+22	2,475485E+22	2,529710E+22	2,494430E+22	2,379080E+22	2,273867E+22	2,273844E+22	2,379023E+22	2,494375E+22
1951	2,529704E+22	2,475523E+22	2,405637E+22	2,405644E+22	2,475505E+22	2,529664E+22	2,494345E+22	2,379019E+22	2,273853E+22	2,273867E+22	2,379051E+22	2,494370E+22
1952	2,529652E+22	2,475442E+22	2,405538E+22	2,405543E+22	2,475454E+22	2,529657E+22	2,494347E+22	2,379012E+22	2,273845E+22	2,273861E+22	2,379050E+22	2,494379E+22
1953	2,529678E+22	2,475492E+22	2,405622E+22	2,405633E+22	2,475536E+22	2,529752E+22	2,494425E+22	2,379050E+22	2,273856E+22	2,273870E+22	2,379076E+22	2,494435E+22
1954	2,529745E+22	2,475545E+22	2,405655E+22	2,405635E+22	2,475467E+22	2,529648E+22	2,494371E+22	2,379061E+22	2,273882E+22	2,273873E+22	2,379046E+22	2,494379E+22
1955	2,529680E+22	2,475473E+22	2,405578E+22	2,405602E+22	2,475497E+22	2,529692E+22	2,494409E+22	2,379099E+22	2,273924E+22	2,273899E+22	2,379041E+22	2,494361E+22
1956	2,529700E+22	2,475573E+22	2,405730E+22	2,405729E+22	2,475584E+22	2,529738E+22	2,494409E+22	2,379085E+22	2,273934E+22	2,273940E+22	2,379095E+22	2,494397E+22
1957	2,529697E+22	2,475540E+22	2,405692E+22	2,405670E+22	2,475490E+22	2,529657E+22	2,494373E+22	2,379081E+22	2,273944E+22	2,273958E+22	2,379108E+22	2,494381E+22
1958	2,529643E+22	2,475459E+22	2,405629E+22	2,405679E+22	2,475564E+22	2,529750E+22	2,494457E+22	2,379141E+22	2,273978E+22	2,273969E+22	2,379113E+22	2,494416E+22
1959	2,529723E+22	2,475568E+22	2,405722E+22	2,405741E+22	2,475601E+22	2,529746E+22	2,494416E+22	2,379103E+22	2,273963E+22	2,273976E+22	2,379129E+22	2,494422E+22
1960	2,529702E+22	2,475515E+22	2,405632E+22	2,405615E+22	2,475486E+22	2,529683E+22	2,494403E+22	2,379108E+22	2,273962E+22	2,273958E+22	2,379102E+22	2,494404E+22
1961	2,529705E+22	2,475533E+22	2,405678E+22	2,405677E+22	2,475540E+22	2,529740E+22	2,494458E+22	2,379140E+22	2,273974E+22	2,273962E+22	2,379111E+22	2,494433E+22
1962	2,529759E+22	2,475604E+22	2,405741E+22	2,405718E+22	2,475511E+22	2,529641E+22	2,494367E+22	2,379101E+22	2,273960E+22	2,273953E+22	2,379091E+22	2,494380E+22
1963	2,529667E+22	2,475489E+22	2,405616E+22	2,405628E+22	2,475505E+22	2,529672E+22	2,494372E+22	2,379080E+22	2,273937E+22	2,273933E+22	2,379077E+22	2,494372E+22
1964	2,529672E+22	2,475533E+22	2,405710E+22	2,405723E+22	2,475589E+22	2,529754E+22	2,494409E+22	2,379052E+22	2,273887E+22	2,273908E+22	2,379094E+22	2,494421E+22
1965	2,529714E+22	2,475528E+22	2,405664E+22	2,405655E+22	2,475488E+22	2,529660E+22	2,494372E+22	2,379044E+22	2,273868E+22	2,273878E+22	2,379058E+22	2,494372E+22
1966	2,529653E+22	2,475440E+22	2,405551E+22	2,405585E+22	2,475498E+22	2,529712E+22	2,494435E+22	2,379104E+22	2,273905E+22	2,273874E+22	2,379030E+22	2,494364E+22
1967	2,529697E+22	2,475549E+22	2,405674E+22	2,405671E+22	2,475556E+22	2,529726E+22	2,494395E+22	2,379059E+22	2,273887E+22	2,273885E+22	2,379049E+22	2,494365E+22
1968	2,529666E+22	2,475492E+22	2,405607E+22	2,405576E+22	2,475436E+22	2,529638E+22	2,494356E+22	2,379045E+22	2,273883E+22	2,273884E+22	2,379046E+22	2,494355E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
1969	2,529642E+22	2,475446E+22	2,405589E+22	2,405617E+22	2,475500E+22	2,529702E+22	2,494415E+22	2,379082E+22	2,273903E+22	2,273901E+22	2,379076E+22	2,494409E+22
1970	2,529720E+22	2,475543E+22	2,405674E+22	2,405686E+22	2,475526E+22	2,529665E+22	2,494359E+22	2,379051E+22	2,273890E+22	2,273901E+22	2,379078E+22	2,494390E+22
1971	2,529667E+22	2,475459E+22	2,405559E+22	2,405566E+22	2,475472E+22	2,529672E+22	2,494375E+22	2,379058E+22	2,273896E+22	2,273900E+22	2,379068E+22	2,494382E+22
1972	2,529679E+22	2,475519E+22	2,405674E+22	2,405673E+22	2,475549E+22	2,529746E+22	2,494430E+22	2,379079E+22	2,273903E+22	2,273906E+22	2,379085E+22	2,494425E+22
1973	2,529748E+22	2,475582E+22	2,405716E+22	2,405691E+22	2,475498E+22	2,529651E+22	2,494373E+22	2,379078E+22	2,273930E+22	2,273934E+22	2,379081E+22	2,494369E+22
1974	2,529661E+22	2,475485E+22	2,405617E+22	2,405635E+22	2,475506E+22	2,529684E+22	2,494417E+22	2,379141E+22	2,273995E+22	2,273971E+22	2,379089E+22	2,494372E+22
1975	2,529685E+22	2,475569E+22	2,405753E+22	2,405770E+22	2,475628E+22	2,529757E+22	2,494411E+22	2,379105E+22	2,273982E+22	2,273994E+22	2,379132E+22	2,494411E+22
1976	2,529693E+22	2,475537E+22	2,405704E+22	2,405700E+22	2,475529E+22	2,529686E+22	2,494395E+22	2,379108E+22	2,273984E+22	2,273995E+22	2,379131E+22	2,494406E+22
1977	2,529676E+22	2,475487E+22	2,405644E+22	2,405675E+22	2,475547E+22	2,529737E+22	2,494468E+22	2,379174E+22	2,274021E+22	2,274007E+22	2,379141E+22	2,494441E+22
1978	2,529755E+22	2,475615E+22	2,405772E+22	2,405765E+22	2,475584E+22	2,529711E+22	2,494419E+22	2,379151E+22	2,274018E+22	2,274009E+22	2,379133E+22	2,494412E+22
1979	2,529703E+22	2,475544E+22	2,405681E+22	2,405652E+22	2,475491E+22	2,529666E+22	2,494396E+22	2,379136E+22	2,274018E+22	2,274010E+22	2,379120E+22	2,494384E+22
1980	2,529675E+22	2,475545E+22	2,405741E+22	2,405743E+22	2,475565E+22	2,529719E+22	2,494426E+22	2,379132E+22	2,273999E+22	2,274000E+22	2,379133E+22	2,494427E+22
1981	2,529742E+22	2,475607E+22	2,405777E+22	2,405775E+22	2,475571E+22	2,529668E+22	2,494361E+22	2,379086E+22	2,273972E+22	2,273994E+22	2,379128E+22	2,494388E+22
1982	2,529656E+22	2,475481E+22	2,405622E+22	2,405638E+22	2,475525E+22	2,529698E+22	2,494405E+22	2,379116E+22	2,273975E+22	2,273968E+22	2,379104E+22	2,494390E+22
1983	2,529678E+22	2,475534E+22	2,405713E+22	2,405732E+22	2,475610E+22	2,529775E+22	2,494435E+22	2,379093E+22	2,273930E+22	2,273933E+22	2,379096E+22	2,494415E+22
1984	2,529714E+22	2,475540E+22	2,405683E+22	2,405672E+22	2,475505E+22	2,529674E+22	2,494396E+22	2,379092E+22	2,273928E+22	2,273918E+22	2,379063E+22	2,494369E+22
1985	2,529665E+22	2,475467E+22	2,405584E+22	2,405591E+22	2,475476E+22	2,529683E+22	2,494429E+22	2,379134E+22	2,273963E+22	2,273939E+22	2,379074E+22	2,494380E+22
1986	2,529701E+22	2,475568E+22	2,405720E+22	2,405712E+22	2,475556E+22	2,529692E+22	2,494383E+22	2,379091E+22	2,273943E+22	2,273943E+22	2,379090E+22	2,494380E+22
1987	2,529661E+22	2,475492E+22	2,405631E+22	2,405613E+22	2,475470E+22	2,529648E+22	2,494353E+22	2,379058E+22	2,273927E+22	2,273940E+22	2,379093E+22	2,494378E+22
1988	2,529641E+22	2,475457E+22	2,405627E+22	2,405654E+22	2,475520E+22	2,529700E+22	2,494404E+22	2,379077E+22	2,273914E+22	2,273924E+22	2,379099E+22	2,494431E+22
1989	2,529747E+22	2,475577E+22	2,405712E+22	2,405718E+22	2,475553E+22	2,529678E+22	2,494369E+22	2,379064E+22	2,273915E+22	2,273930E+22	2,379093E+22	2,494394E+22
1990	2,529682E+22	2,475497E+22	2,405603E+22	2,405586E+22	2,475471E+22	2,529666E+22	2,494393E+22	2,379109E+22	2,273960E+22	2,273944E+22	2,379077E+22	2,494372E+22
1991	2,529674E+22	2,475543E+22	2,405722E+22	2,405721E+22	2,475575E+22	2,529743E+22	2,494429E+22	2,379113E+22	2,273962E+22	2,273956E+22	2,379092E+22	2,494397E+22
1992	2,529718E+22	2,475585E+22	2,405762E+22	2,405753E+22	2,475551E+22	2,529672E+22	2,494384E+22	2,379112E+22	2,273989E+22	2,273990E+22	2,379106E+22	2,494370E+22
1993	2,529652E+22	2,475486E+22	2,405642E+22	2,405660E+22	2,475525E+22	2,529693E+22	2,494424E+22	2,379163E+22	2,274044E+22	2,274037E+22	2,379144E+22	2,494403E+22
1994	2,529693E+22	2,475574E+22	2,405776E+22	2,405795E+22	2,475637E+22	2,529759E+22	2,494438E+22	2,379156E+22	2,274035E+22	2,274041E+22	2,379162E+22	2,494430E+22
1995	2,529706E+22	2,475549E+22	2,405719E+22	2,405712E+22	2,475537E+22	2,529693E+22	2,494415E+22	2,379157E+22	2,274050E+22	2,274049E+22	2,379158E+22	2,494412E+22
1996	2,529680E+22	2,475517E+22	2,405694E+22	2,405702E+22	2,475540E+22	2,529709E+22	2,494449E+22	2,379190E+22	2,274066E+22	2,274053E+22	2,379161E+22	2,494443E+22
1997	2,529766E+22	2,475653E+22	2,405831E+22	2,405814E+22	2,475602E+22	2,529699E+22	2,494402E+22	2,379152E+22	2,274057E+22	2,274069E+22	2,379169E+22	2,494413E+22
1998	2,529694E+22	2,475558E+22	2,405725E+22	2,405693E+22	2,475507E+22	2,529656E+22	2,494389E+22	2,379157E+22	2,274065E+22	2,274063E+22	2,379158E+22	2,494398E+22
1999	2,529667E+22	2,475540E+22	2,405760E+22	2,405786E+22	2,475617E+22	2,529746E+22	2,494424E+22	2,379134E+22	2,274019E+22	2,274027E+22	2,379150E+22	2,494433E+22
2000	2,529741E+22	2,475606E+22	2,405790E+22	2,405804E+22	2,475616E+22	2,529714E+22	2,494394E+22	2,379111E+22	2,273994E+22	2,274005E+22	2,379130E+22	2,494400E+22
2001	2,529679E+22	2,475501E+22	2,405635E+22	2,405630E+22	2,475509E+22	2,529695E+22	2,494426E+22	2,379156E+22	2,274019E+22	2,274002E+22	2,379120E+22	2,494400E+22
2002	2,529695E+22	2,475561E+22	2,405750E+22	2,405749E+22	2,475593E+22	2,529751E+22	2,494449E+22	2,379149E+22	2,273993E+22	2,273974E+22	2,379100E+22	2,494399E+22
2003	2,529704E+22	2,475552E+22	2,405717E+22	2,405700E+22	2,475506E+22	2,529657E+22	2,494390E+22	2,379126E+22	2,273996E+22	2,273983E+22	2,379094E+22	2,494357E+22
2004	2,529636E+22	2,475471E+22	2,405632E+22	2,405639E+22	2,475490E+22	2,529657E+22	2,494393E+22	2,379128E+22	2,273995E+22	2,273988E+22	2,379113E+22	2,494396E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2005	2,529702E+22	2,475577E+22	2,405753E+22	2,405756E+22	2,475595E+22	2,529705E+22	2,494370E+22	2,379076E+22	2,273960E+22	2,273988E+22	2,379131E+22	2,494402E+22
2006	2,529670E+22	2,475499E+22	2,405649E+22	2,405626E+22	2,475477E+22	2,529658E+22	2,494373E+22	2,379090E+22	2,273963E+22	2,273974E+22	2,379116E+22	2,494398E+22
2007	2,529661E+22	2,475478E+22	2,405651E+22	2,405680E+22	2,475548E+22	2,529716E+22	2,494416E+22	2,379108E+22	2,273954E+22	2,273947E+22	2,379093E+22	2,494418E+22
2008	2,529753E+22	2,475609E+22	2,405759E+22	2,405757E+22	2,475583E+22	2,529698E+22	2,494389E+22	2,379106E+22	2,273972E+22	2,273966E+22	2,379093E+22	2,494381E+22
2009	2,529685E+22	2,475525E+22	2,405656E+22	2,405619E+22	2,475469E+22	2,529649E+22	2,494395E+22	2,379149E+22	2,274031E+22	2,274016E+22	2,379118E+22	2,494376E+22
2010	2,529663E+22	2,475550E+22	2,405770E+22	2,405778E+22	2,475597E+22	2,529732E+22	2,494433E+22	2,379159E+22	2,274032E+22	2,274023E+22	2,379131E+22	2,494401E+22
2011	2,529699E+22	2,475571E+22	2,405778E+22	2,405791E+22	2,475589E+22	2,529698E+22	2,494397E+22	2,379143E+22	2,274051E+22	2,274061E+22	2,379158E+22	2,494388E+22
2012	2,529646E+22	2,475490E+22	2,405672E+22	2,405684E+22	2,475532E+22	2,529691E+22	2,494425E+22	2,379178E+22	2,274075E+22	2,274077E+22	2,379180E+22	2,494434E+22
2013	2,529726E+22	2,475609E+22	2,405809E+22	2,405816E+22	2,475642E+22	2,529758E+22	2,494440E+22	2,379174E+22	2,274078E+22	2,274089E+22	2,379188E+22	2,494440E+22
2014	2,529725E+22	2,475588E+22	2,405764E+22	2,405731E+22	2,475525E+22	2,529673E+22	2,494417E+22	2,379196E+22	2,274112E+22	2,274104E+22	2,379180E+22	2,494413E+22
2015	2,529686E+22	2,475545E+22	2,405743E+22	2,405757E+22	2,475572E+22	2,529698E+22	2,494425E+22	2,379197E+22	2,274106E+22	2,274094E+22	2,379173E+22	2,494427E+22
2016	2,529751E+22	2,475663E+22	2,405875E+22	2,405877E+22	2,475660E+22	2,529727E+22	2,494404E+22	2,379163E+22	2,274088E+22	2,274098E+22	2,379186E+22	2,494420E+22
2017	2,529694E+22	2,475561E+22	2,405750E+22	2,405723E+22	2,475530E+22	2,529675E+22	2,494403E+22	2,379174E+22	2,274096E+22	2,274102E+22	2,379191E+22	2,494420E+22
2018	2,529677E+22	2,475543E+22	2,405777E+22	2,405807E+22	2,475625E+22	2,529759E+22	2,494464E+22	2,379188E+22	2,274062E+22	2,274051E+22	2,379154E+22	2,494429E+22
2019	2,529741E+22	2,475610E+22	2,405799E+22	2,405813E+22	2,475625E+22	2,529732E+22	2,494426E+22	2,379167E+22	2,274061E+22	2,274053E+22	2,379143E+22	2,494385E+22
2020	2,529667E+22	2,475522E+22	2,405677E+22	2,405647E+22	2,475490E+22	2,529668E+22	2,494413E+22	2,379175E+22	2,274067E+22	2,274050E+22	2,379142E+22	2,494397E+22
2021	2,529695E+22	2,475582E+22	2,405788E+22	2,405780E+22	2,475595E+22	2,529730E+22	2,494426E+22	2,379154E+22	2,274042E+22	2,274043E+22	2,379142E+22	2,494403E+22
2022	2,529695E+22	2,475555E+22	2,405743E+22	2,405728E+22	2,475515E+22	2,529643E+22	2,494374E+22	2,379139E+22	2,274044E+22	2,274044E+22	2,379142E+22	2,494384E+22
2023	2,529643E+22	2,475469E+22	2,405643E+22	2,405676E+22	2,475531E+22	2,529668E+22	2,494374E+22	2,379116E+22	2,274009E+22	2,274015E+22	2,379136E+22	2,494413E+22
2024	2,529719E+22	2,475594E+22	2,405777E+22	2,405786E+22	2,475627E+22	2,529737E+22	2,494394E+22	2,379098E+22	2,273978E+22	2,273994E+22	2,379134E+22	2,494419E+22
2025	2,529703E+22	2,475537E+22	2,405688E+22	2,405643E+22	2,475467E+22	2,529651E+22	2,494386E+22	2,379126E+22	2,274009E+22	2,274006E+22	2,379125E+22	2,494398E+22
2026	2,529675E+22	2,475516E+22	2,405709E+22	2,405723E+22	2,475547E+22	2,529704E+22	2,494434E+22	2,379161E+22	2,274019E+22	2,273991E+22	2,379091E+22	2,494384E+22
2027	2,529728E+22	2,475619E+22	2,405806E+22	2,405811E+22	2,475615E+22	2,529709E+22	2,494398E+22	2,379146E+22	2,274047E+22	2,274041E+22	2,379123E+22	2,494357E+22
2028	2,529644E+22	2,475522E+22	2,405702E+22	2,405675E+22	2,475497E+22	2,529648E+22	2,494380E+22	2,379159E+22	2,274079E+22	2,274080E+22	2,379166E+22	2,494393E+22
2029	2,529660E+22	2,475546E+22	2,405787E+22	2,405814E+22	2,475634E+22	2,529757E+22	2,494440E+22	2,379171E+22	2,274078E+22	2,274090E+22	2,379183E+22	2,494428E+22
2030	2,529709E+22	2,475575E+22	2,405787E+22	2,405799E+22	2,475589E+22	2,529704E+22	2,494424E+22	2,379193E+22	2,274113E+22	2,274119E+22	2,379199E+22	2,494420E+22
2031	2,529675E+22	2,475513E+22	2,405690E+22	2,405708E+22	2,475548E+22	2,529689E+22	2,494424E+22	2,379206E+22	2,274125E+22	2,274117E+22	2,379195E+22	2,494437E+22
2032	2,529746E+22	2,475652E+22	2,405862E+22	2,405853E+22	2,475655E+22	2,529762E+22	2,494449E+22	2,379205E+22	2,274126E+22	2,274125E+22	2,379203E+22	2,494445E+22
2033	2,529740E+22	2,475625E+22	2,405822E+22	2,405772E+22	2,475522E+22	2,529649E+22	2,494405E+22	2,379217E+22	2,274165E+22	2,274163E+22	2,379219E+22	2,494424E+22
2034	2,529689E+22	2,475564E+22	2,405795E+22	2,405817E+22	2,475601E+22	2,529700E+22	2,494428E+22	2,379219E+22	2,274148E+22	2,274137E+22	2,379194E+22	2,494425E+22
2035	2,529739E+22	2,475659E+22	2,405893E+22	2,405913E+22	2,475701E+22	2,529764E+22	2,494424E+22	2,379184E+22	2,274126E+22	2,274140E+22	2,379210E+22	2,494417E+22
2036	2,529683E+22	2,475567E+22	2,405773E+22	2,405743E+22	2,475533E+22	2,529680E+22	2,494414E+22	2,379194E+22	2,274121E+22	2,274123E+22	2,379203E+22	2,494428E+22
2037	2,529693E+22	2,475565E+22	2,405797E+22	2,405822E+22	2,475626E+22	2,529756E+22	2,494468E+22	2,379213E+22	2,274111E+22	2,274095E+22	2,379163E+22	2,494414E+22
2038	2,529733E+22	2,475624E+22	2,405825E+22	2,405824E+22	2,475603E+22	2,529705E+22	2,494426E+22	2,379206E+22	2,274127E+22	2,274113E+22	2,379168E+22	2,494379E+22
2039	2,529656E+22	2,475526E+22	2,405703E+22	2,405692E+22	2,475513E+22	2,529650E+22	2,494383E+22	2,379175E+22	2,274104E+22	2,274097E+22	2,379167E+22	2,494392E+22
2040	2,529682E+22	2,475589E+22	2,405818E+22	2,405824E+22	2,475631E+22	2,529747E+22	2,494420E+22	2,379153E+22	2,274064E+22	2,274072E+22	2,379173E+22	2,494427E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2041	2,529706E+22	2,475563E+22	2,405763E+22	2,405750E+22	2,475524E+22	2,529649E+22	2,494378E+22	2,379149E+22	2,274070E+22	2,274081E+22	2,379179E+22	2,494415E+22
2042	2,529670E+22	2,475491E+22	2,405671E+22	2,405706E+22	2,475540E+22	2,529678E+22	2,494402E+22	2,379154E+22	2,274044E+22	2,274034E+22	2,379135E+22	2,494407E+22
2043	2,529726E+22	2,475616E+22	2,405805E+22	2,405813E+22	2,475645E+22	2,529757E+22	2,494421E+22	2,379145E+22	2,274040E+22	2,274040E+22	2,379140E+22	2,494394E+22
2044	2,529688E+22	2,475567E+22	2,405745E+22	2,405684E+22	2,475467E+22	2,529638E+22	2,494385E+22	2,379152E+22	2,274061E+22	2,274058E+22	2,379148E+22	2,494390E+22
2045	2,529667E+22	2,475533E+22	2,405754E+22	2,405774E+22	2,475570E+22	2,529701E+22	2,494426E+22	2,379183E+22	2,274085E+22	2,274069E+22	2,379134E+22	2,494380E+22
2046	2,529703E+22	2,475610E+22	2,405828E+22	2,405848E+22	2,475638E+22	2,529716E+22	2,494405E+22	2,379179E+22	2,274115E+22	2,274119E+22	2,379182E+22	2,494386E+22
2047	2,529647E+22	2,475514E+22	2,405706E+22	2,405710E+22	2,475537E+22	2,529667E+22	2,494381E+22	2,379168E+22	2,274113E+22	2,274126E+22	2,379203E+22	2,494419E+22
2048	2,529685E+22	2,475570E+22	2,405805E+22	2,405830E+22	2,475647E+22	2,529779E+22	2,494470E+22	2,379208E+22	2,274115E+22	2,274115E+22	2,379205E+22	2,494460E+22
2049	2,529751E+22	2,475623E+22	2,405828E+22	2,405812E+22	2,475569E+22	2,529681E+22	2,494427E+22	2,379232E+22	2,274173E+22	2,274169E+22	2,379224E+22	2,494434E+22
2050	2,529703E+22	2,475566E+22	2,405758E+22	2,405755E+22	2,475542E+22	2,529664E+22	2,494423E+22	2,379239E+22	2,274181E+22	2,274164E+22	2,379202E+22	2,494415E+22
2051	2,529731E+22	2,475674E+22	2,405919E+22	2,405918E+22	2,475690E+22	2,529768E+22	2,494447E+22	2,379228E+22	2,274183E+22	2,274187E+22	2,379230E+22	2,494423E+22
2052	2,529708E+22	2,475635E+22	2,405876E+22	2,405836E+22	2,475559E+22	2,529654E+22	2,494391E+22	2,379212E+22	2,274187E+22	2,274201E+22	2,379248E+22	2,494431E+22
2053	2,529682E+22	2,475565E+22	2,405813E+22	2,405855E+22	2,475637E+22	2,529728E+22	2,494441E+22	2,379233E+22	2,274184E+22	2,274180E+22	2,379216E+22	2,494424E+22
2054	2,529730E+22	2,475655E+22	2,405897E+22	2,405921E+22	2,475707E+22	2,529780E+22	2,494460E+22	2,379237E+22	2,274183E+22	2,274184E+22	2,379231E+22	2,494424E+22
2055	2,529690E+22	2,475573E+22	2,405778E+22	2,405760E+22	2,475547E+22	2,529677E+22	2,494416E+22	2,379221E+22	2,274169E+22	2,274163E+22	2,379213E+22	2,494419E+22
2056	2,529694E+22	2,475588E+22	2,405825E+22	2,405841E+22	2,475625E+22	2,529753E+22	2,494479E+22	2,379245E+22	2,274158E+22	2,274135E+22	2,379190E+22	2,494426E+22
2057	2,529736E+22	2,475640E+22	2,405858E+22	2,405850E+22	2,475592E+22	2,529670E+22	2,494406E+22	2,379223E+22	2,274177E+22	2,274177E+22	2,379220E+22	2,494405E+22
2058	2,529663E+22	2,475539E+22	2,405735E+22	2,405732E+22	2,475529E+22	2,529646E+22	2,494376E+22	2,379178E+22	2,274131E+22	2,274137E+22	2,379197E+22	2,494404E+22
2059	2,529684E+22	2,475594E+22	2,405834E+22	2,405853E+22	2,475660E+22	2,529774E+22	2,494436E+22	2,379164E+22	2,274088E+22	2,274106E+22	2,379196E+22	2,494431E+22
2060	2,529713E+22	2,475593E+22	2,405798E+22	2,405773E+22	2,475526E+22	2,529647E+22	2,494383E+22	2,379160E+22	2,274085E+22	2,274093E+22	2,379184E+22	2,494421E+22
2061	2,529692E+22	2,475532E+22	2,405712E+22	2,405737E+22	2,475550E+22	2,529677E+22	2,494406E+22	2,379183E+22	2,274097E+22	2,274076E+22	2,379134E+22	2,494380E+22
2062	2,529712E+22	2,475635E+22	2,405846E+22	2,405847E+22	2,475648E+22	2,529748E+22	2,494433E+22	2,379190E+22	2,274111E+22	2,274103E+22	2,379164E+22	2,494380E+22
2063	2,529666E+22	2,475564E+22	2,405773E+22	2,405746E+22	2,475513E+22	2,529638E+22	2,494373E+22	2,379168E+22	2,274111E+22	2,274116E+22	2,379179E+22	2,494385E+22
2064	2,529649E+22	2,475533E+22	2,405776E+22	2,405816E+22	2,475611E+22	2,529732E+22	2,494446E+22	2,379208E+22	2,274124E+22	2,274115E+22	2,379181E+22	2,494413E+22
2065	2,529710E+22	2,475612E+22	2,405840E+22	2,405862E+22	2,475639E+22	2,529719E+22	2,494424E+22	2,379215E+22	2,274168E+22	2,274179E+22	2,379235E+22	2,494426E+22
2066	2,529679E+22	2,475545E+22	2,405736E+22	2,405733E+22	2,475537E+22	2,529668E+22	2,494409E+22	2,379214E+22	2,274168E+22	2,274169E+22	2,379220E+22	2,494425E+22
2067	2,529704E+22	2,475611E+22	2,405848E+22	2,405858E+22	2,475652E+22	2,529777E+22	2,494480E+22	2,379248E+22	2,274183E+22	2,274175E+22	2,379224E+22	2,494442E+22
2068	2,529748E+22	2,475670E+22	2,405897E+22	2,405859E+22	2,475567E+22	2,529652E+22	2,494408E+22	2,379244E+22	2,274218E+22	2,274220E+22	2,379253E+22	2,494435E+22
2069	2,529704E+22	2,475597E+22	2,405818E+22	2,405823E+22	2,475578E+22	2,529657E+22	2,494400E+22	2,379246E+22	2,274233E+22	2,274226E+22	2,379234E+22	2,494409E+22
2070	2,529707E+22	2,475667E+22	2,405946E+22	2,405963E+22	2,475725E+22	2,529782E+22	2,494454E+22	2,379248E+22	2,274229E+22	2,274242E+22	2,379271E+22	2,494440E+22
2071	2,529703E+22	2,475621E+22	2,405879E+22	2,405877E+22	2,475608E+22	2,529682E+22	2,494406E+22	2,379224E+22	2,274207E+22	2,274226E+22	2,379264E+22	2,494438E+22
2072	2,529692E+22	2,475582E+22	2,405826E+22	2,405866E+22	2,475651E+22	2,529754E+22	2,494480E+22	2,379275E+22	2,274216E+22	2,274195E+22	2,379227E+22	2,494436E+22
2073	2,529741E+22	2,475678E+22	2,405921E+22	2,405924E+22	2,475684E+22	2,529757E+22	2,494468E+22	2,379280E+22	2,274246E+22	2,274237E+22	2,379255E+22	2,494428E+22
2074	2,529697E+22	2,475603E+22	2,405822E+22	2,405790E+22	2,475539E+22	2,529655E+22	2,494415E+22	2,379249E+22	2,274221E+22	2,274212E+22	2,379230E+22	2,494403E+22
2075	2,529676E+22	2,475596E+22	2,405858E+22	2,405880E+22	2,475646E+22	2,529748E+22	2,494469E+22	2,379260E+22	2,274206E+22	2,274194E+22	2,379226E+22	2,494421E+22
2076	2,529717E+22	2,475650E+22	2,405892E+22	2,405886E+22	2,475610E+22	2,529666E+22	2,494389E+22	2,379212E+22	2,274189E+22	2,274208E+22	2,379256E+22	2,494433E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2077	2,529679E+22	2,475555E+22	2,405758E+22	2,405762E+22	2,475555E+22	2,529659E+22	2,494380E+22	2,379188E+22	2,274156E+22	2,274165E+22	2,379211E+22	2,494410E+22
2078	2,529690E+22	2,475606E+22	2,405851E+22	2,405867E+22	2,475667E+22	2,529781E+22	2,494463E+22	2,379208E+22	2,274136E+22	2,274140E+22	2,379208E+22	2,494433E+22
2079	2,529721E+22	2,475611E+22	2,405824E+22	2,405811E+22	2,475553E+22	2,529649E+22	2,494389E+22	2,379185E+22	2,274126E+22	2,274126E+22	2,379185E+22	2,494401E+22
2080	2,529685E+22	2,475561E+22	2,405755E+22	2,405771E+22	2,475566E+22	2,529684E+22	2,494427E+22	2,379223E+22	2,274147E+22	2,274121E+22	2,379163E+22	2,494383E+22
2081	2,529694E+22	2,475640E+22	2,405882E+22	2,405886E+22	2,475659E+22	2,529732E+22	2,494429E+22	2,379224E+22	2,274179E+22	2,274179E+22	2,379220E+22	2,494403E+22
2082	2,529666E+22	2,475569E+22	2,405799E+22	2,405782E+22	2,475538E+22	2,529647E+22	2,494382E+22	2,379188E+22	2,274158E+22	2,274173E+22	2,379221E+22	2,494403E+22
2083	2,529652E+22	2,475538E+22	2,405789E+22	2,405834E+22	2,475630E+22	2,529751E+22	2,494472E+22	2,379242E+22	2,274173E+22	2,274168E+22	2,379218E+22	2,494427E+22
2084	2,529726E+22	2,475650E+22	2,405879E+22	2,405880E+22	2,475629E+22	2,529700E+22	2,494422E+22	2,379236E+22	2,274202E+22	2,274212E+22	2,379257E+22	2,494444E+22
2085	2,529708E+22	2,475596E+22	2,405794E+22	2,405770E+22	2,475539E+22	2,529646E+22	2,494392E+22	2,379236E+22	2,274227E+22	2,274220E+22	2,379231E+22	2,494407E+22
2086	2,529695E+22	2,475639E+22	2,405906E+22	2,405908E+22	2,475665E+22	2,529760E+22	2,494475E+22	2,379277E+22	2,274245E+22	2,274239E+22	2,379255E+22	2,494436E+22
2087	2,529731E+22	2,475672E+22	2,405938E+22	2,405936E+22	2,475629E+22	2,529659E+22	2,494389E+22	2,379242E+22	2,274248E+22	2,274263E+22	2,379277E+22	2,494430E+22
2088	2,529689E+22	2,475603E+22	2,405849E+22	2,405871E+22	2,475632E+22	2,529702E+22	2,494429E+22	2,379269E+22	2,274257E+22	2,274254E+22	2,379266E+22	2,494432E+22
2089	2,529704E+22	2,475663E+22	2,405957E+22	2,405982E+22	2,475738E+22	2,529796E+22	2,494487E+22	2,379294E+22	2,274279E+22	2,274286E+22	2,379303E+22	2,494463E+22
2090	2,529722E+22	2,475639E+22	2,405896E+22	2,405887E+22	2,475611E+22	2,529694E+22	2,494443E+22	2,379277E+22	2,274264E+22	2,274264E+22	2,379273E+22	2,494431E+22
2091	2,529692E+22	2,475603E+22	2,405852E+22	2,405874E+22	2,475648E+22	2,529754E+22	2,494501E+22	2,379325E+22	2,274286E+22	2,274257E+22	2,379250E+22	2,494419E+22
2092	2,529730E+22	2,475707E+22	2,405966E+22	2,405947E+22	2,475668E+22	2,529719E+22	2,494446E+22	2,379292E+22	2,274290E+22	2,274291E+22	2,379294E+22	2,494442E+22
2093	2,529700E+22	2,475623E+22	2,405865E+22	2,405835E+22	2,475559E+22	2,529633E+22	2,494380E+22	2,379249E+22	2,274267E+22	2,274269E+22	2,379267E+22	2,494414E+22
2094	2,529668E+22	2,475595E+22	2,405878E+22	2,405909E+22	2,475668E+22	2,529749E+22	2,494462E+22	2,379264E+22	2,274235E+22	2,274238E+22	2,379266E+22	2,494450E+22
2095	2,529731E+22	2,475649E+22	2,405899E+22	2,405919E+22	2,475647E+22	2,529680E+22	2,494392E+22	2,379212E+22	2,274193E+22	2,274214E+22	2,379260E+22	2,494442E+22
2096	2,529701E+22	2,475591E+22	2,405792E+22	2,405782E+22	2,475570E+22	2,529677E+22	2,494411E+22	2,379223E+22	2,274177E+22	2,274167E+22	2,379210E+22	2,494413E+22
2097	2,529694E+22	2,475633E+22	2,405892E+22	2,405888E+22	2,475656E+22	2,529759E+22	2,494470E+22	2,379253E+22	2,274197E+22	2,274186E+22	2,379220E+22	2,494422E+22
2098	2,529715E+22	2,475635E+22	2,405875E+22	2,405856E+22	2,475571E+22	2,529648E+22	2,494399E+22	2,379218E+22	2,274184E+22	2,274179E+22	2,379202E+22	2,494377E+22
2099	2,529652E+22	2,475559E+22	2,405791E+22	2,405816E+22	2,475603E+22	2,529698E+22	2,494433E+22	2,379250E+22	2,274207E+22	2,274189E+22	2,379202E+22	2,494375E+22
2100	2,529668E+22	2,475635E+22	2,405902E+22	2,405911E+22	2,475677E+22	2,529735E+22	2,494426E+22	2,379233E+22	2,274212E+22	2,274228E+22	2,379268E+22	2,494438E+22
2101	2,529684E+22	2,475582E+22	2,405819E+22	2,405807E+22	2,475558E+22	2,529653E+22	2,494387E+22	2,379217E+22	2,274211E+22	2,274221E+22	2,379249E+22	2,494419E+22
2102	2,529665E+22	2,475557E+22	2,405812E+22	2,405847E+22	2,475628E+22	2,529740E+22	2,494483E+22	2,379286E+22	2,274237E+22	2,274224E+22	2,379249E+22	2,494443E+22
2103	2,529743E+22	2,475675E+22	2,405918E+22	2,405922E+22	2,475648E+22	2,529688E+22	2,494414E+22	2,379254E+22	2,274246E+22	2,274254E+22	2,379273E+22	2,494440E+22
2104	2,529714E+22	2,475638E+22	2,405860E+22	2,405824E+22	2,475563E+22	2,529648E+22	2,494400E+22	2,379263E+22	2,274264E+22	2,274261E+22	2,379264E+22	2,494417E+22
2105	2,529684E+22	2,475649E+22	2,405952E+22	2,405961E+22	2,475692E+22	2,529753E+22	2,494468E+22	2,379301E+22	2,274301E+22	2,274302E+22	2,379300E+22	2,494456E+22
2106	2,529734E+22	2,475682E+22	2,405968E+22	2,405977E+22	2,475674E+22	2,529696E+22	2,494415E+22	2,379263E+22	2,274285E+22	2,274303E+22	2,379299E+22	2,494434E+22
2107	2,529687E+22	2,475609E+22	2,405866E+22	2,405887E+22	2,475656E+22	2,529735E+22	2,494471E+22	2,379317E+22	2,274309E+22	2,274297E+22	2,379284E+22	2,494427E+22
2108	2,529708E+22	2,475688E+22	2,405984E+22	2,405989E+22	2,475725E+22	2,529782E+22	2,494496E+22	2,379333E+22	2,274328E+22	2,274322E+22	2,379318E+22	2,494471E+22
2109	2,529739E+22	2,475676E+22	2,405942E+22	2,405914E+22	2,475607E+22	2,529666E+22	2,494428E+22	2,379313E+22	2,274337E+22	2,274323E+22	2,379288E+22	2,494415E+22
2110	2,529676E+22	2,475613E+22	2,405892E+22	2,405907E+22	2,475648E+22	2,529725E+22	2,494485E+22	2,379350E+22	2,274347E+22	2,274326E+22	2,379294E+22	2,494428E+22
2111	2,529717E+22	2,475698E+22	2,405993E+22	2,406000E+22	2,475708E+22	2,529714E+22	2,494418E+22	2,379279E+22	2,274307E+22	2,274326E+22	2,379325E+22	2,494456E+22
2112	2,529702E+22	2,475634E+22	2,405893E+22	2,405868E+22	2,475593E+22	2,529662E+22	2,494396E+22	2,379254E+22	2,274269E+22	2,274283E+22	2,379296E+22	2,494444E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2113	2,529680E+22	2,475603E+22	2,405897E+22	2,405928E+22	2,475677E+22	2,529752E+22	2,494477E+22	2,379295E+22	2,274270E+22	2,274265E+22	2,379283E+22	2,494468E+22
2114	2,529758E+22	2,475681E+22	2,405930E+22	2,405936E+22	2,475661E+22	2,529696E+22	2,494415E+22	2,379247E+22	2,274234E+22	2,274236E+22	2,379251E+22	2,494419E+22
2115	2,529695E+22	2,475614E+22	2,405832E+22	2,405806E+22	2,475581E+22	2,529686E+22	2,494434E+22	2,379271E+22	2,274242E+22	2,274220E+22	2,379220E+22	2,494383E+22
2116	2,529671E+22	2,475646E+22	2,405935E+22	2,405924E+22	2,475660E+22	2,529736E+22	2,494457E+22	2,379274E+22	2,274247E+22	2,274240E+22	2,379255E+22	2,494426E+22
2117	2,529702E+22	2,475636E+22	2,405908E+22	2,405900E+22	2,475600E+22	2,529640E+22	2,494377E+22	2,379236E+22	2,274245E+22	2,274245E+22	2,379243E+22	2,494387E+22
2118	2,529637E+22	2,475544E+22	2,405798E+22	2,405833E+22	2,475619E+22	2,529708E+22	2,494442E+22	2,379272E+22	2,274253E+22	2,274249E+22	2,379256E+22	2,494413E+22
2119	2,529687E+22	2,475633E+22	2,405908E+22	2,405930E+22	2,475694E+22	2,529740E+22	2,494430E+22	2,379245E+22	2,274234E+22	2,274252E+22	2,379286E+22	2,494459E+22
2120	2,529718E+22	2,475628E+22	2,405862E+22	2,405827E+22	2,475562E+22	2,529654E+22	2,494403E+22	2,379251E+22	2,274244E+22	2,274244E+22	2,379265E+22	2,494432E+22
2121	2,529682E+22	2,475597E+22	2,405871E+22	2,405884E+22	2,475623E+22	2,529709E+22	2,494470E+22	2,379319E+22	2,274301E+22	2,274280E+22	2,379272E+22	2,494444E+22
2122	2,529750E+22	2,475710E+22	2,405981E+22	2,405978E+22	2,475680E+22	2,529693E+22	2,494414E+22	2,379275E+22	2,274295E+22	2,274303E+22	2,379290E+22	2,494421E+22
2123	2,529690E+22	2,475646E+22	2,405911E+22	2,405884E+22	2,475614E+22	2,529678E+22	2,494418E+22	2,379294E+22	2,274318E+22	2,274318E+22	2,379292E+22	2,494408E+22
2124	2,529666E+22	2,475651E+22	2,405979E+22	2,405996E+22	2,475719E+22	2,529769E+22	2,494482E+22	2,379325E+22	2,274338E+22	2,274343E+22	2,379332E+22	2,494475E+22
2125	2,529745E+22	2,475695E+22	2,405993E+22	2,406004E+22	2,475696E+22	2,529708E+22	2,494434E+22	2,379315E+22	2,274354E+22	2,274352E+22	2,379316E+22	2,494433E+22
2126	2,529686E+22	2,475620E+22	2,405886E+22	2,405896E+22	2,475652E+22	2,529732E+22	2,494490E+22	2,379371E+22	2,274385E+22	2,274363E+22	2,379317E+22	2,494436E+22
2127	2,529711E+22	2,475694E+22	2,406010E+22	2,406018E+22	2,475729E+22	2,529765E+22	2,494485E+22	2,379353E+22	2,274378E+22	2,274374E+22	2,379344E+22	2,494473E+22
2128	2,529743E+22	2,475704E+22	2,405993E+22	2,405958E+22	2,475620E+22	2,529655E+22	2,494420E+22	2,379328E+22	2,274371E+22	2,274371E+22	2,379336E+22	2,494440E+22
2129	2,529674E+22	2,475617E+22	2,405923E+22	2,405947E+22	2,475662E+22	2,529703E+22	2,494455E+22	2,379353E+22	2,274387E+22	2,274381E+22	2,379343E+22	2,494463E+22
2130	2,529738E+22	2,475712E+22	2,406014E+22	2,406025E+22	2,475739E+22	2,529745E+22	2,494430E+22	2,379280E+22	2,274319E+22	2,274346E+22	2,379339E+22	2,494465E+22
2131	2,529715E+22	2,475654E+22	2,405922E+22	2,405890E+22	2,475612E+22	2,529688E+22	2,494427E+22	2,379285E+22	2,274297E+22	2,274297E+22	2,379289E+22	2,494428E+22
2132	2,529687E+22	2,475635E+22	2,405930E+22	2,405941E+22	2,475668E+22	2,529739E+22	2,494478E+22	2,379321E+22	2,274304E+22	2,274284E+22	2,379276E+22	2,494454E+22
2133	2,529760E+22	2,475711E+22	2,405980E+22	2,405975E+22	2,475673E+22	2,529684E+22	2,494406E+22	2,379282E+22	2,274300E+22	2,274283E+22	2,379251E+22	2,494385E+22
2134	2,529661E+22	2,475608E+22	2,405864E+22	2,405844E+22	2,475596E+22	2,529678E+22	2,494428E+22	2,379300E+22	2,274306E+22	2,274290E+22	2,379262E+22	2,494385E+22
2135	2,529644E+22	2,475614E+22	2,405942E+22	2,405967E+22	2,475697E+22	2,529746E+22	2,494448E+22	2,379278E+22	2,274277E+22	2,274285E+22	2,379291E+22	2,494444E+22
2136	2,529704E+22	2,475637E+22	2,405925E+22	2,405922E+22	2,475622E+22	2,529667E+22	2,494402E+22	2,379258E+22	2,274267E+22	2,274279E+22	2,379287E+22	2,494425E+22
2137	2,529655E+22	2,475553E+22	2,405813E+22	2,405844E+22	2,475612E+22	2,529695E+22	2,494449E+22	2,379312E+22	2,274309E+22	2,274298E+22	2,379289E+22	2,494442E+22
2138	2,529726E+22	2,475678E+22	2,405945E+22	2,405943E+22	2,475696E+22	2,529747E+22	2,494444E+22	2,379278E+22	2,274285E+22	2,274292E+22	2,379293E+22	2,494448E+22
2139	2,529725E+22	2,475670E+22	2,405926E+22	2,405869E+22	2,475573E+22	2,529655E+22	2,494415E+22	2,379291E+22	2,274308E+22	2,274302E+22	2,379279E+22	2,494410E+22
2140	2,529674E+22	2,475629E+22	2,405932E+22	2,405940E+22	2,475640E+22	2,529690E+22	2,494449E+22	2,379334E+22	2,274350E+22	2,274335E+22	2,379306E+22	2,494450E+22
2141	2,529748E+22	2,475726E+22	2,406031E+22	2,406043E+22	2,475729E+22	2,529703E+22	2,494401E+22	2,379296E+22	2,274356E+22	2,274362E+22	2,379321E+22	2,494423E+22
2142	2,529675E+22	2,475636E+22	2,405927E+22	2,405917E+22	2,475645E+22	2,529706E+22	2,494444E+22	2,379330E+22	2,274372E+22	2,274377E+22	2,379337E+22	2,494433E+22
2143	2,529673E+22	2,475642E+22	2,405987E+22	2,406022E+22	2,475738E+22	2,529782E+22	2,494502E+22	2,379358E+22	2,274377E+22	2,274374E+22	2,379346E+22	2,494482E+22
2144	2,529763E+22	2,475729E+22	2,406033E+22	2,406023E+22	2,475693E+22	2,529708E+22	2,494454E+22	2,379358E+22	2,274403E+22	2,274396E+22	2,379344E+22	2,494440E+22
2145	2,529689E+22	2,475644E+22	2,405932E+22	2,405928E+22	2,475640E+22	2,529697E+22	2,494473E+22	2,379403E+22	2,274456E+22	2,274435E+22	2,379357E+22	2,494446E+22
2146	2,529720E+22	2,475721E+22	2,406054E+22	2,406055E+22	2,475749E+22	2,529765E+22	2,494471E+22	2,379356E+22	2,274415E+22	2,274423E+22	2,379371E+22	2,494469E+22
2147	2,529731E+22	2,475710E+22	2,406027E+22	2,406002E+22	2,475657E+22	2,529676E+22	2,494424E+22	2,379338E+22	2,274403E+22	2,274411E+22	2,379359E+22	2,494444E+22
2148	2,529680E+22	2,475629E+22	2,405944E+22	2,405974E+22	2,475680E+22	2,529710E+22	2,494456E+22	2,379356E+22	2,274399E+22	2,274397E+22	2,379359E+22	2,494482E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2149	2,529761E+22	2,475736E+22	2,406041E+22	2,406050E+22	2,475754E+22	2,529749E+22	2,494438E+22	2,379317E+22	2,274365E+22	2,274368E+22	2,379333E+22	2,494448E+22
2150	2,529709E+22	2,475666E+22	2,405947E+22	2,405908E+22	2,475613E+22	2,529693E+22	2,494448E+22	2,379330E+22	2,274356E+22	2,274345E+22	2,379303E+22	2,494417E+22
2151	2,529673E+22	2,475631E+22	2,405957E+22	2,405976E+22	2,475676E+22	2,529731E+22	2,494477E+22	2,379341E+22	2,274346E+22	2,274324E+22	2,379288E+22	2,494436E+22
2152	2,529743E+22	2,475721E+22	2,406019E+22	2,406017E+22	2,475691E+22	2,529685E+22	2,494408E+22	2,379302E+22	2,274340E+22	2,274336E+22	2,379298E+22	2,494399E+22
2153	2,529646E+22	2,475596E+22	2,405877E+22	2,405874E+22	2,475610E+22	2,529671E+22	2,494415E+22	2,379314E+22	2,274357E+22	2,274355E+22	2,379317E+22	2,494423E+22
2154	2,529668E+22	2,475624E+22	2,405945E+22	2,405970E+22	2,475711E+22	2,529774E+22	2,494465E+22	2,379291E+22	2,274304E+22	2,274318E+22	2,379315E+22	2,494461E+22
2155	2,529727E+22	2,475665E+22	2,405952E+22	2,405937E+22	2,475625E+22	2,529677E+22	2,494427E+22	2,379299E+22	2,274314E+22	2,274311E+22	2,379293E+22	2,494424E+22
2156	2,529682E+22	2,475602E+22	2,405862E+22	2,405869E+22	2,475599E+22	2,529665E+22	2,494432E+22	2,379332E+22	2,274354E+22	2,274336E+22	2,379300E+22	2,494440E+22
2157	2,529741E+22	2,475725E+22	2,406017E+22	2,406004E+22	2,475710E+22	2,529724E+22	2,494424E+22	2,379307E+22	2,274353E+22	2,274349E+22	2,379306E+22	2,494421E+22
2158	2,529698E+22	2,475678E+22	2,405979E+22	2,405937E+22	2,475610E+22	2,529661E+22	2,494412E+22	2,379313E+22	2,274367E+22	2,274372E+22	2,379322E+22	2,494411E+22
2159	2,529648E+22	2,475608E+22	2,405956E+22	2,405999E+22	2,475692E+22	2,529719E+22	2,494456E+22	2,379342E+22	2,274381E+22	2,274377E+22	2,379334E+22	2,494458E+22
2160	2,529747E+22	2,475732E+22	2,406058E+22	2,406081E+22	2,475766E+22	2,529745E+22	2,494442E+22	2,379333E+22	2,274391E+22	2,274404E+22	2,379362E+22	2,494447E+22
2161	2,529685E+22	2,475642E+22	2,405942E+22	2,405935E+22	2,475645E+22	2,529702E+22	2,494463E+22	2,379384E+22	2,274445E+22	2,274439E+22	2,379373E+22	2,494456E+22
2162	2,529700E+22	2,475673E+22	2,406008E+22	2,406026E+22	2,475737E+22	2,529793E+22	2,494522E+22	2,379399E+22	2,274440E+22	2,274429E+22	2,379366E+22	2,494475E+22
2163	2,529763E+22	2,475760E+22	2,406083E+22	2,406060E+22	2,475695E+22	2,529700E+22	2,494461E+22	2,379395E+22	2,274468E+22	2,274459E+22	2,379371E+22	2,494434E+22
2164	2,529689E+22	2,475667E+22	2,405975E+22	2,405969E+22	2,475644E+22	2,529664E+22	2,494437E+22	2,379401E+22	2,274494E+22	2,274488E+22	2,379399E+22	2,494468E+22
2165	2,529731E+22	2,475741E+22	2,406093E+22	2,406103E+22	2,475779E+22	2,529763E+22	2,494453E+22	2,379362E+22	2,274452E+22	2,274463E+22	2,379396E+22	2,494477E+22
2166	2,529731E+22	2,475714E+22	2,406044E+22	2,406029E+22	2,475679E+22	2,529696E+22	2,494441E+22	2,379355E+22	2,274428E+22	2,274441E+22	2,379381E+22	2,494458E+22
2167	2,529689E+22	2,475635E+22	2,405962E+22	2,406000E+22	2,475691E+22	2,529717E+22	2,494468E+22	2,379375E+22	2,274418E+22	2,274402E+22	2,379345E+22	2,494467E+22
2168	2,529769E+22	2,475772E+22	2,406086E+22	2,406080E+22	2,475759E+22	2,529753E+22	2,494456E+22	2,379347E+22	2,274401E+22	2,274398E+22	2,379341E+22	2,494430E+22
2169	2,529690E+22	2,475674E+22	2,405983E+22	2,405946E+22	2,475612E+22	2,529669E+22	2,494439E+22	2,379362E+22	2,274422E+22	2,274410E+22	2,379335E+22	2,494413E+22
2170	2,529661E+22	2,475634E+22	2,405974E+22	2,406003E+22	2,475702E+22	2,529749E+22	2,494479E+22	2,379354E+22	2,274388E+22	2,274377E+22	2,379320E+22	2,494430E+22
2171	2,529719E+22	2,475712E+22	2,406035E+22	2,406048E+22	2,475719E+22	2,529709E+22	2,494428E+22	2,379327E+22	2,274383E+22	2,274386E+22	2,379329E+22	2,494412E+22
2172	2,529657E+22	2,475605E+22	2,405886E+22	2,405887E+22	2,475611E+22	2,529665E+22	2,494415E+22	2,379330E+22	2,274389E+22	2,274392E+22	2,379349E+22	2,494453E+22
2173	2,529703E+22	2,475663E+22	2,405977E+22	2,405991E+22	2,475709E+22	2,529757E+22	2,494465E+22	2,379331E+22	2,274363E+22	2,274358E+22	2,379326E+22	2,494458E+22
2174	2,529736E+22	2,475695E+22	2,405989E+22	2,405965E+22	2,475627E+22	2,529671E+22	2,494433E+22	2,379333E+22	2,274375E+22	2,274372E+22	2,379323E+22	2,494425E+22
2175	2,529677E+22	2,475619E+22	2,405914E+22	2,405928E+22	2,475617E+22	2,529653E+22	2,494421E+22	2,379342E+22	2,274391E+22	2,274378E+22	2,379320E+22	2,494433E+22
2176	2,529733E+22	2,475748E+22	2,406074E+22	2,406070E+22	2,475748E+22	2,529734E+22	2,494425E+22	2,379319E+22	2,274389E+22	2,274404E+22	2,379355E+22	2,494434E+22
2177	2,529684E+22	2,475672E+22	2,406003E+22	2,405987E+22	2,475647E+22	2,529678E+22	2,494419E+22	2,379337E+22	2,274420E+22	2,274436E+22	2,379373E+22	2,494442E+22
2178	2,529668E+22	2,475622E+22	2,405962E+22	2,406009E+22	2,475720E+22	2,529764E+22	2,494492E+22	2,379373E+22	2,274417E+22	2,274412E+22	2,379352E+22	2,494460E+22
2179	2,529752E+22	2,475755E+22	2,406084E+22	2,406098E+22	2,475769E+22	2,529759E+22	2,494481E+22	2,379392E+22	2,274456E+22	2,274447E+22	2,379365E+22	2,494441E+22
2180	2,529703E+22	2,475682E+22	2,405982E+22	2,405958E+22	2,475630E+22	2,529670E+22	2,494451E+22	2,379415E+22	2,274507E+22	2,274494E+22	2,379396E+22	2,494458E+22
2181	2,529712E+22	2,475714E+22	2,406067E+22	2,406073E+22	2,475737E+22	2,529755E+22	2,494498E+22	2,379429E+22	2,274509E+22	2,274492E+22	2,379393E+22	2,494462E+22
2182	2,529742E+22	2,475765E+22	2,406121E+22	2,406110E+22	2,475723E+22	2,529698E+22	2,494451E+22	2,379408E+22	2,274515E+22	2,274524E+22	2,379421E+22	2,494450E+22
2183	2,529676E+22	2,475659E+22	2,406002E+22	2,406018E+22	2,475680E+22	2,529679E+22	2,494432E+22	2,379392E+22	2,274501E+22	2,274509E+22	2,379420E+22	2,494480E+22
2184	2,529740E+22	2,475760E+22	2,406125E+22	2,406137E+22	2,475803E+22	2,529787E+22	2,494479E+22	2,379379E+22	2,274468E+22	2,274486E+22	2,379418E+22	2,494486E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2185	2,529737E+22	2,475727E+22	2,406065E+22	2,406053E+22	2,475687E+22	2,529696E+22	2,494457E+22	2,379396E+22	2,274483E+22	2,274482E+22	2,379394E+22	2,494458E+22
2186	2,529702E+22	2,475665E+22	2,405983E+22	2,406007E+22	2,475700E+22	2,529736E+22	2,494489E+22	2,379409E+22	2,274467E+22	2,274441E+22	2,379349E+22	2,494437E+22
2187	2,529743E+22	2,475785E+22	2,406127E+22	2,406119E+22	2,475771E+22	2,529753E+22	2,494473E+22	2,379390E+22	2,274463E+22	2,274452E+22	2,379358E+22	2,494418E+22
2188	2,529677E+22	2,475677E+22	2,406006E+22	2,405981E+22	2,475625E+22	2,529646E+22	2,494414E+22	2,379369E+22	2,274466E+22	2,274469E+22	2,379385E+22	2,494440E+22
2189	2,529668E+22	2,475640E+22	2,405990E+22	2,406029E+22	2,475719E+22	2,529744E+22	2,494474E+22	2,379373E+22	2,274431E+22	2,274426E+22	2,379359E+22	2,494450E+22
2190	2,529724E+22	2,475714E+22	2,406040E+22	2,406057E+22	2,475725E+22	2,529719E+22	2,494448E+22	2,379352E+22	2,274417E+22	2,274428E+22	2,379367E+22	2,494439E+22
2191	2,529674E+22	2,475626E+22	2,405913E+22	2,405907E+22	2,475607E+22	2,529653E+22	2,494414E+22	2,379342E+22	2,274411E+22	2,274409E+22	2,379351E+22	2,494452E+22
2192	2,529723E+22	2,475716E+22	2,406042E+22	2,406035E+22	2,475716E+22	2,529746E+22	2,494464E+22	2,379346E+22	2,274400E+22	2,274401E+22	2,379347E+22	2,494448E+22
2193	2,529727E+22	2,475719E+22	2,406044E+22	2,406026E+22	2,475648E+22	2,529652E+22	2,494417E+22	2,379352E+22	2,274430E+22	2,274431E+22	2,379356E+22	2,494425E+22
2194	2,529670E+22	2,475633E+22	2,405943E+22	2,405972E+22	2,475668E+22	2,529688E+22	2,494432E+22	2,379356E+22	2,274428E+22	2,274422E+22	2,379343E+22	2,494423E+22
2195	2,529708E+22	2,475744E+22	2,406103E+22	2,406117E+22	2,475793E+22	2,529776E+22	2,494467E+22	2,379360E+22	2,274434E+22	2,274444E+22	2,379371E+22	2,494440E+22
2196	2,529692E+22	2,475680E+22	2,406015E+22	2,406005E+22	2,475656E+22	2,529679E+22	2,494438E+22	2,379378E+22	2,274473E+22	2,274483E+22	2,379402E+22	2,494460E+22
2197	2,529691E+22	2,475655E+22	2,405991E+22	2,406024E+22	2,475715E+22	2,529751E+22	2,494510E+22	2,379436E+22	2,274498E+22	2,274472E+22	2,379373E+22	2,494452E+22
2198	2,529747E+22	2,475776E+22	2,406119E+22	2,406120E+22	2,475765E+22	2,529747E+22	2,494490E+22	2,379436E+22	2,274532E+22	2,274525E+22	2,379411E+22	2,494446E+22
2199	2,529691E+22	2,475696E+22	2,406033E+22	2,406007E+22	2,475637E+22	2,529642E+22	2,494427E+22	2,379422E+22	2,274549E+22	2,274548E+22	2,379431E+22	2,494466E+22
2200	2,529714E+22	2,475740E+22	2,406122E+22	2,406134E+22	2,475770E+22	2,529749E+22	2,494478E+22	2,379423E+22	2,274538E+22	2,274550E+22	2,379447E+22	2,494485E+22
2201	2,529741E+22	2,475767E+22	2,406144E+22	2,406152E+22	2,475756E+22	2,529707E+22	2,494448E+22	2,379414E+22	2,274546E+22	2,274568E+22	2,379462E+22	2,494484E+22
2202	2,529704E+22	2,475683E+22	2,406014E+22	2,406029E+22	2,475708E+22	2,529717E+22	2,494463E+22	2,379414E+22	2,274518E+22	2,274520E+22	2,379420E+22	2,494473E+22
2203	2,529744E+22	2,475788E+22	2,406162E+22	2,406163E+22	2,475812E+22	2,529800E+22	2,494516E+22	2,379432E+22	2,274516E+22	2,274505E+22	2,379402E+22	2,494466E+22
2204	2,529741E+22	2,475755E+22	2,406103E+22	2,406081E+22	2,475686E+22	2,529672E+22	2,494450E+22	2,379425E+22	2,274538E+22	2,274529E+22	2,379408E+22	2,494445E+22
2205	2,529693E+22	2,475687E+22	2,406027E+22	2,406047E+22	2,475711E+22	2,529713E+22	2,494481E+22	2,379444E+22	2,274529E+22	2,274500E+22	2,379375E+22	2,494420E+22
2206	2,529705E+22	2,475764E+22	2,406138E+22	2,406150E+22	2,475801E+22	2,529763E+22	2,494475E+22	2,379409E+22	2,274511E+22	2,274517E+22	2,379413E+22	2,494440E+22
2207	2,529661E+22	2,475659E+22	2,406016E+22	2,406006E+22	2,475645E+22	2,529655E+22	2,494416E+22	2,379370E+22	2,274479E+22	2,274495E+22	2,379415E+22	2,494468E+22
2208	2,529690E+22	2,475663E+22	2,406014E+22	2,406046E+22	2,475722E+22	2,529741E+22	2,494484E+22	2,379388E+22	2,274455E+22	2,274460E+22	2,379391E+22	2,494472E+22
2209	2,529743E+22	2,475738E+22	2,406064E+22	2,406071E+22	2,475721E+22	2,529705E+22	2,494451E+22	2,379385E+22	2,274469E+22	2,274473E+22	2,379392E+22	2,494454E+22
2210	2,529699E+22	2,475671E+22	2,405954E+22	2,405927E+22	2,475620E+22	2,529662E+22	2,494420E+22	2,379360E+22	2,274446E+22	2,274441E+22	2,379355E+22	2,494429E+22
2211	2,529705E+22	2,475740E+22	2,406101E+22	2,406091E+22	2,475741E+22	2,529744E+22	2,494472E+22	2,379380E+22	2,274450E+22	2,274442E+22	2,379357E+22	2,494438E+22
2212	2,529719E+22	2,475727E+22	2,406079E+22	2,406077E+22	2,475686E+22	2,529650E+22	2,494403E+22	2,379363E+22	2,274474E+22	2,274485E+22	2,379393E+22	2,494441E+22
2213	2,529674E+22	2,475646E+22	2,405970E+22	2,406005E+22	2,475695E+22	2,529700E+22	2,494451E+22	2,379395E+22	2,274479E+22	2,274469E+22	2,379371E+22	2,494428E+22
2214	2,529698E+22	2,475740E+22	2,406111E+22	2,406131E+22	2,475807E+22	2,529794E+22	2,494504E+22	2,379414E+22	2,274495E+22	2,274497E+22	2,379405E+22	2,494453E+22
2215	2,529693E+22	2,475697E+22	2,406051E+22	2,406028E+22	2,475652E+22	2,529662E+22	2,494441E+22	2,379411E+22	2,274524E+22	2,274524E+22	2,379416E+22	2,494460E+22
2216	2,529701E+22	2,475698E+22	2,406054E+22	2,406065E+22	2,475715E+22	2,529725E+22	2,494498E+22	2,379456E+22	2,274556E+22	2,274544E+22	2,379417E+22	2,494452E+22
2217	2,529735E+22	2,475790E+22	2,406166E+22	2,406171E+22	2,475783E+22	2,529725E+22	2,494468E+22	2,379452E+22	2,274592E+22	2,274600E+22	2,379465E+22	2,494467E+22
2218	2,529696E+22	2,475713E+22	2,406064E+22	2,406047E+22	2,475686E+22	2,529672E+22	2,494426E+22	2,379421E+22	2,274572E+22	2,274586E+22	2,379460E+22	2,494473E+22
2219	2,529708E+22	2,475749E+22	2,406158E+22	2,406181E+22	2,475811E+22	2,529781E+22	2,494509E+22	2,379454E+22	2,274569E+22	2,274571E+22	2,379455E+22	2,494500E+22
2220	2,529765E+22	2,475786E+22	2,406164E+22	2,406177E+22	2,475775E+22	2,529711E+22	2,494460E+22	2,379446E+22	2,274586E+22	2,274597E+22	2,379475E+22	2,494494E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2221	2,529726E+22	2,475721E+22	2,406052E+22	2,406050E+22	2,475712E+22	2,529713E+22	2,494486E+22	2,379472E+22	2,274583E+22	2,274562E+22	2,379423E+22	2,494451E+22
2222	2,529722E+22	2,475794E+22	2,406194E+22	2,406189E+22	2,475819E+22	2,529800E+22	2,494535E+22	2,379479E+22	2,274583E+22	2,274569E+22	2,379434E+22	2,494457E+22
2223	2,529711E+22	2,475751E+22	2,406141E+22	2,406119E+22	2,475694E+22	2,529652E+22	2,494435E+22	2,379439E+22	2,274578E+22	2,274578E+22	2,379442E+22	2,494452E+22
2224	2,529685E+22	2,475693E+22	2,406059E+22	2,406083E+22	2,475735E+22	2,529713E+22	2,494467E+22	2,379440E+22	2,274562E+22	2,274562E+22	2,379432E+22	2,494449E+22
2225	2,529707E+22	2,475755E+22	2,406139E+22	2,406160E+22	2,475813E+22	2,529766E+22	2,494474E+22	2,379418E+22	2,274540E+22	2,274560E+22	2,379456E+22	2,494481E+22
2226	2,529698E+22	2,475685E+22	2,406020E+22	2,405998E+22	2,475653E+22	2,529671E+22	2,494431E+22	2,379387E+22	2,274495E+22	2,274503E+22	2,379414E+22	2,494468E+22
2227	2,529707E+22	2,475703E+22	2,406064E+22	2,406075E+22	2,475724E+22	2,529732E+22	2,494496E+22	2,379426E+22	2,274496E+22	2,274474E+22	2,379374E+22	2,494460E+22
2228	2,529757E+22	2,475774E+22	2,406117E+22	2,406111E+22	2,475725E+22	2,529672E+22	2,494427E+22	2,379400E+22	2,274514E+22	2,274516E+22	2,379404E+22	2,494442E+22
2229	2,529693E+22	2,475700E+22	2,406015E+22	2,405984E+22	2,475646E+22	2,529651E+22	2,494417E+22	2,379393E+22	2,274499E+22	2,274491E+22	2,379375E+22	2,494408E+22
2230	2,529663E+22	2,475722E+22	2,406126E+22	2,406139E+22	2,475788E+22	2,529774E+22	2,494491E+22	2,379408E+22	2,274499E+22	2,274500E+22	2,379397E+22	2,494444E+22
2231	2,529692E+22	2,475712E+22	2,406100E+22	2,406109E+22	2,475716E+22	2,529671E+22	2,494422E+22	2,379387E+22	2,274507E+22	2,274520E+22	2,379417E+22	2,494455E+22
2232	2,529685E+22	2,475663E+22	2,406000E+22	2,406026E+22	2,475708E+22	2,529708E+22	2,494471E+22	2,379432E+22	2,274536E+22	2,274530E+22	2,379410E+22	2,494442E+22
2233	2,529706E+22	2,475752E+22	2,406130E+22	2,406141E+22	2,475804E+22	2,529784E+22	2,494512E+22	2,379461E+22	2,274572E+22	2,274570E+22	2,379449E+22	2,494474E+22
2234	2,529713E+22	2,475731E+22	2,406086E+22	2,406049E+22	2,475663E+22	2,529662E+22	2,494443E+22	2,379439E+22	2,274578E+22	2,274580E+22	2,379447E+22	2,494460E+22
2235	2,529696E+22	2,475723E+22	2,406116E+22	2,406125E+22	2,475738E+22	2,529711E+22	2,494491E+22	2,379483E+22	2,274610E+22	2,274595E+22	2,379449E+22	2,494473E+22
2236	2,529749E+22	2,475804E+22	2,406202E+22	2,406218E+22	2,475816E+22	2,529721E+22	2,494447E+22	2,379452E+22	2,274628E+22	2,274652E+22	2,379511E+22	2,494500E+22
2237	2,529722E+22	2,475743E+22	2,406104E+22	2,406082E+22	2,475710E+22	2,529688E+22	2,494449E+22	2,379452E+22	2,274604E+22	2,274614E+22	2,379476E+22	2,494477E+22
2238	2,529711E+22	2,475761E+22	2,406180E+22	2,406201E+22	2,475828E+22	2,529801E+22	2,494544E+22	2,379502E+22	2,274617E+22	2,274604E+22	2,379465E+22	2,494495E+22
2239	2,529762E+22	2,475811E+22	2,406211E+22	2,406205E+22	2,475780E+22	2,529704E+22	2,494465E+22	2,379478E+22	2,274630E+22	2,274624E+22	2,379470E+22	2,494474E+22
2240	2,529722E+22	2,475751E+22	2,406111E+22	2,406094E+22	2,475720E+22	2,529695E+22	2,494474E+22	2,379490E+22	2,274639E+22	2,274628E+22	2,379454E+22	2,494437E+22
2241	2,529692E+22	2,475778E+22	2,406214E+22	2,406224E+22	2,475838E+22	2,529791E+22	2,494524E+22	2,379500E+22	2,274639E+22	2,274637E+22	2,379484E+22	2,494476E+22
2242	2,529706E+22	2,475745E+22	2,406145E+22	2,406138E+22	2,475729E+22	2,529680E+22	2,494438E+22	2,379442E+22	2,274599E+22	2,274610E+22	2,379469E+22	2,494464E+22
2243	2,529682E+22	2,475693E+22	2,406077E+22	2,406103E+22	2,475746E+22	2,529721E+22	2,494485E+22	2,379468E+22	2,274590E+22	2,274579E+22	2,379442E+22	2,494474E+22
2244	2,529740E+22	2,475775E+22	2,406153E+22	2,406165E+22	2,475808E+22	2,529750E+22	2,494470E+22	2,379441E+22	2,274578E+22	2,274590E+22	2,379471E+22	2,494495E+22
2245	2,529730E+22	2,475733E+22	2,406069E+22	2,406019E+22	2,475646E+22	2,529655E+22	2,494437E+22	2,379426E+22	2,274544E+22	2,274537E+22	2,379414E+22	2,494446E+22
2246	2,529691E+22	2,475718E+22	2,406109E+22	2,406115E+22	2,475738E+22	2,529728E+22	2,494499E+22	2,379458E+22	2,274551E+22	2,274527E+22	2,379398E+22	2,494446E+22
2247	2,529728E+22	2,475779E+22	2,406169E+22	2,406168E+22	2,475756E+22	2,529666E+22	2,494407E+22	2,379405E+22	2,274547E+22	2,274555E+22	2,379427E+22	2,494443E+22
2248	2,529682E+22	2,475703E+22	2,406054E+22	2,406035E+22	2,475689E+22	2,529669E+22	2,494413E+22	2,379395E+22	2,274538E+22	2,274555E+22	2,379424E+22	2,494425E+22
2249	2,529655E+22	2,475701E+22	2,406124E+22	2,406153E+22	2,475810E+22	2,529798E+22	2,494517E+22	2,379443E+22	2,274547E+22	2,274553E+22	2,379441E+22	2,494476E+22
2250	2,529717E+22	2,475729E+22	2,406105E+22	2,406108E+22	2,475727E+22	2,529693E+22	2,494451E+22	2,379429E+22	2,274553E+22	2,274552E+22	2,379428E+22	2,494455E+22
2251	2,529695E+22	2,475698E+22	2,406050E+22	2,406056E+22	2,475704E+22	2,529695E+22	2,494483E+22	2,379484E+22	2,274604E+22	2,274574E+22	2,379419E+22	2,494447E+22
2252	2,529727E+22	2,475785E+22	2,406178E+22	2,406178E+22	2,475804E+22	2,529750E+22	2,494485E+22	2,379480E+22	2,274635E+22	2,274638E+22	2,379487E+22	2,494485E+22
2253	2,529725E+22	2,475765E+22	2,406146E+22	2,406105E+22	2,475686E+22	2,529652E+22	2,494436E+22	2,379464E+22	2,274629E+22	2,274636E+22	2,379481E+22	2,494462E+22
2254	2,529680E+22	2,475723E+22	2,406151E+22	2,406178E+22	2,475783E+22	2,529737E+22	2,494502E+22	2,379504E+22	2,274651E+22	2,274646E+22	2,379488E+22	2,494489E+22
2255	2,529745E+22	2,475813E+22	2,406239E+22	2,406254E+22	2,475840E+22	2,529736E+22	2,494461E+22	2,379473E+22	2,274653E+22	2,274673E+22	2,379522E+22	2,494509E+22
2256	2,529740E+22	2,475775E+22	2,406150E+22	2,406119E+22	2,475729E+22	2,529700E+22	2,494466E+22	2,379485E+22	2,274659E+22	2,274667E+22	2,379495E+22	2,494470E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2257	2,529707E+22	2,475771E+22	2,406205E+22	2,406221E+22	2,475833E+22	2,529802E+22	2,494558E+22	2,379547E+22	2,274686E+22	2,274664E+22	2,379489E+22	2,494490E+22
2258	2,529758E+22	2,475827E+22	2,406236E+22	2,406228E+22	2,475795E+22	2,529709E+22	2,494470E+22	2,379507E+22	2,274682E+22	2,274673E+22	2,379489E+22	2,494459E+22
2259	2,529698E+22	2,475753E+22	2,406152E+22	2,406143E+22	2,475741E+22	2,529690E+22	2,494470E+22	2,379516E+22	2,274690E+22	2,274673E+22	2,379485E+22	2,494459E+22
2260	2,529700E+22	2,475771E+22	2,406218E+22	2,406242E+22	2,475852E+22	2,529785E+22	2,494504E+22	2,379498E+22	2,274670E+22	2,274686E+22	2,379530E+22	2,494514E+22
2261	2,529736E+22	2,475765E+22	2,406163E+22	2,406148E+22	2,475727E+22	2,529682E+22	2,494457E+22	2,379470E+22	2,274624E+22	2,274634E+22	2,379486E+22	2,494475E+22
2262	2,529695E+22	2,475711E+22	2,406099E+22	2,406118E+22	2,475746E+22	2,529720E+22	2,494497E+22	2,379500E+22	2,274629E+22	2,274606E+22	2,379450E+22	2,494468E+22
2263	2,529742E+22	2,475810E+22	2,406207E+22	2,406194E+22	2,475801E+22	2,529727E+22	2,494453E+22	2,379452E+22	2,274610E+22	2,274614E+22	2,379466E+22	2,494475E+22
2264	2,529727E+22	2,475769E+22	2,406138E+22	2,406081E+22	2,475667E+22	2,529645E+22	2,494416E+22	2,379428E+22	2,274588E+22	2,274596E+22	2,379437E+22	2,494426E+22
2265	2,529660E+22	2,475704E+22	2,406133E+22	2,406161E+22	2,475777E+22	2,529742E+22	2,494496E+22	2,379474E+22	2,274598E+22	2,274583E+22	2,379436E+22	2,494454E+22
2266	2,529718E+22	2,475769E+22	2,406172E+22	2,406196E+22	2,475805E+22	2,529713E+22	2,494432E+22	2,379424E+22	2,274575E+22	2,274585E+22	2,379447E+22	2,494448E+22
2267	2,529678E+22	2,475702E+22	2,406073E+22	2,406065E+22	2,475707E+22	2,529691E+22	2,494451E+22	2,379447E+22	2,274588E+22	2,274584E+22	2,379441E+22	2,494451E+22
2268	2,529684E+22	2,475714E+22	2,406129E+22	2,406155E+22	2,475803E+22	2,529789E+22	2,494526E+22	2,379488E+22	2,274615E+22	2,274612E+22	2,379473E+22	2,494495E+22
2269	2,529748E+22	2,475775E+22	2,406152E+22	2,406126E+22	2,475709E+22	2,529677E+22	2,494467E+22	2,379481E+22	2,274624E+22	2,274616E+22	2,379455E+22	2,494448E+22
2270	2,529688E+22	2,475719E+22	2,406101E+22	2,406099E+22	2,475709E+22	2,529678E+22	2,494476E+22	2,379517E+22	2,274672E+22	2,274648E+22	2,379464E+22	2,494451E+22
2271	2,529716E+22	2,475808E+22	2,406239E+22	2,406236E+22	2,475828E+22	2,529734E+22	2,494455E+22	2,379480E+22	2,274673E+22	2,274689E+22	2,379524E+22	2,494503E+22
2272	2,529736E+22	2,475791E+22	2,406200E+22	2,406168E+22	2,475729E+22	2,529665E+22	2,494421E+22	2,379456E+22	2,274662E+22	2,274693E+22	2,379520E+22	2,494478E+22
2273	2,529686E+22	2,475726E+22	2,406165E+22	2,406203E+22	2,475809E+22	2,529762E+22	2,494526E+22	2,379534E+22	2,274690E+22	2,274682E+22	2,379512E+22	2,494505E+22
2274	2,529767E+22	2,475841E+22	2,406261E+22	2,406274E+22	2,475862E+22	2,529761E+22	2,494488E+22	2,379511E+22	2,274692E+22	2,274692E+22	2,379512E+22	2,494486E+22
2275	2,529733E+22	2,475802E+22	2,406205E+22	2,406165E+22	2,475736E+22	2,529694E+22	2,494480E+22	2,379534E+22	2,274721E+22	2,274704E+22	2,379498E+22	2,494460E+22
2276	2,529701E+22	2,475777E+22	2,406234E+22	2,406256E+22	2,475840E+22	2,529782E+22	2,494543E+22	2,379570E+22	2,274750E+22	2,274735E+22	2,379529E+22	2,494491E+22
2277	2,529749E+22	2,475837E+22	2,406271E+22	2,406266E+22	2,475810E+22	2,529709E+22	2,494475E+22	2,379531E+22	2,274728E+22	2,274730E+22	2,379526E+22	2,494462E+22
2278	2,529677E+22	2,475737E+22	2,406161E+22	2,406170E+22	2,475766E+22	2,529709E+22	2,494481E+22	2,379536E+22	2,274728E+22	2,274721E+22	2,379525E+22	2,494477E+22
2279	2,529704E+22	2,475783E+22	2,406237E+22	2,406254E+22	2,475850E+22	2,529781E+22	2,494504E+22	2,379510E+22	2,274691E+22	2,274704E+22	2,379543E+22	2,494530E+22
2280	2,529766E+22	2,475804E+22	2,406202E+22	2,406175E+22	2,475731E+22	2,529674E+22	2,494450E+22	2,379482E+22	2,274667E+22	2,274679E+22	2,379501E+22	2,494471E+22
2281	2,529699E+22	2,475730E+22	2,406127E+22	2,406139E+22	2,475749E+22	2,529716E+22	2,494500E+22	2,379524E+22	2,274676E+22	2,274653E+22	2,379472E+22	2,494466E+22
2282	2,529743E+22	2,475830E+22	2,406241E+22	2,406234E+22	2,475825E+22	2,529733E+22	2,494453E+22	2,379467E+22	2,274643E+22	2,274646E+22	2,379476E+22	2,494458E+22
2283	2,529704E+22	2,475772E+22	2,406182E+22	2,406144E+22	2,475705E+22	2,529657E+22	2,494421E+22	2,379450E+22	2,274630E+22	2,274632E+22	2,379463E+22	2,494444E+22
2284	2,529664E+22	2,475695E+22	2,406132E+22	2,406181E+22	2,475801E+22	2,529759E+22	2,494503E+22	2,379489E+22	2,274638E+22	2,274635E+22	2,379475E+22	2,494478E+22
2285	2,529739E+22	2,475788E+22	2,406187E+22	2,406203E+22	2,475801E+22	2,529729E+22	2,494475E+22	2,379474E+22	2,274622E+22	2,274622E+22	2,379464E+22	2,494451E+22
2286	2,529685E+22	2,475720E+22	2,406097E+22	2,406083E+22	2,475704E+22	2,529687E+22	2,494470E+22	2,379500E+22	2,274657E+22	2,274637E+22	2,379461E+22	2,494446E+22
2287	2,529687E+22	2,475755E+22	2,406185E+22	2,406183E+22	2,475783E+22	2,529750E+22	2,494504E+22	2,379508E+22	2,274670E+22	2,274664E+22	2,379493E+22	2,494490E+22
2288	2,529752E+22	2,475814E+22	2,406222E+22	2,406192E+22	2,475730E+22	2,529656E+22	2,494433E+22	2,379482E+22	2,274682E+22	2,274696E+22	2,379501E+22	2,494448E+22
2289	2,529671E+22	2,475720E+22	2,406135E+22	2,406154E+22	2,475750E+22	2,529689E+22	2,494465E+22	2,379519E+22	2,274712E+22	2,274707E+22	2,379512E+22	2,494473E+22
2290	2,529720E+22	2,475813E+22	2,406257E+22	2,406276E+22	2,475873E+22	2,529770E+22	2,494472E+22	2,379491E+22	2,274693E+22	2,274714E+22	2,379539E+22	2,494506E+22
2291	2,529740E+22	2,475807E+22	2,406238E+22	2,406217E+22	2,475762E+22	2,529692E+22	2,494457E+22	2,379504E+22	2,274705E+22	2,274712E+22	2,379526E+22	2,494490E+22
2292	2,529708E+22	2,475746E+22	2,406183E+22	2,406220E+22	2,475817E+22	2,529765E+22	2,494541E+22	2,379578E+22	2,274757E+22	2,274736E+22	2,379530E+22	2,494501E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2293	2,529775E+22	2,475877E+22	2,406308E+22	2,406301E+22	2,475855E+22	2,529759E+22	2,494519E+22	2,379567E+22	2,274762E+22	2,274752E+22	2,379532E+22	2,494468E+22
2294	2,529707E+22	2,475804E+22	2,406242E+22	2,406211E+22	2,475751E+22	2,529685E+22	2,494484E+22	2,379573E+22	2,274791E+22	2,274778E+22	2,379543E+22	2,494459E+22
2295	2,529680E+22	2,475780E+22	2,406263E+22	2,406289E+22	2,475852E+22	2,529767E+22	2,494519E+22	2,379571E+22	2,274786E+22	2,274788E+22	2,379574E+22	2,494516E+22
2296	2,529760E+22	2,475849E+22	2,406295E+22	2,406298E+22	2,475833E+22	2,529716E+22	2,494463E+22	2,379524E+22	2,274759E+22	2,274786E+22	2,379571E+22	2,494488E+22
2297	2,529693E+22	2,475746E+22	2,406163E+22	2,406173E+22	2,475768E+22	2,529715E+22	2,494494E+22	2,379554E+22	2,274755E+22	2,274749E+22	2,379548E+22	2,494500E+22
2298	2,529736E+22	2,475819E+22	2,406261E+22	2,406268E+22	2,475853E+22	2,529778E+22	2,494510E+22	2,379530E+22	2,274717E+22	2,274714E+22	2,379529E+22	2,494510E+22
2299	2,529768E+22	2,475843E+22	2,406264E+22	2,406231E+22	2,475744E+22	2,529662E+22	2,494448E+22	2,379508E+22	2,274705E+22	2,274699E+22	2,379499E+22	2,494461E+22
2300	2,529694E+22	2,475741E+22	2,406159E+22	2,406184E+22	2,475770E+22	2,529706E+22	2,494486E+22	2,379537E+22	2,274721E+22	2,274705E+22	2,379499E+22	2,494460E+22
2301	2,529728E+22	2,475838E+22	2,406276E+22	2,406276E+22	2,475851E+22	2,529756E+22	2,494480E+22	2,379493E+22	2,274679E+22	2,274687E+22	2,379500E+22	2,494451E+22
2302	2,529678E+22	2,475755E+22	2,406190E+22	2,406174E+22	2,475734E+22	2,529685E+22	2,494454E+22	2,379489E+22	2,274678E+22	2,274680E+22	2,379495E+22	2,494450E+22
2303	2,529662E+22	2,475707E+22	2,406145E+22	2,406188E+22	2,475797E+22	2,529756E+22	2,494516E+22	2,379523E+22	2,274685E+22	2,274675E+22	2,379498E+22	2,494490E+22
2304	2,529757E+22	2,475823E+22	2,406224E+22	2,406228E+22	2,475801E+22	2,529714E+22	2,494465E+22	2,379499E+22	2,274691E+22	2,274694E+22	2,379496E+22	2,494450E+22
2305	2,529683E+22	2,475737E+22	2,406126E+22	2,406105E+22	2,475700E+22	2,529670E+22	2,494465E+22	2,379527E+22	2,274719E+22	2,274706E+22	2,379505E+22	2,494458E+22
2306	2,529693E+22	2,475778E+22	2,406226E+22	2,406233E+22	2,475807E+22	2,529738E+22	2,494487E+22	2,379516E+22	2,274707E+22	2,274710E+22	2,379522E+22	2,494492E+22
2307	2,529744E+22	2,475830E+22	2,406274E+22	2,406264E+22	2,475776E+22	2,529664E+22	2,494425E+22	2,379488E+22	2,274711E+22	2,274731E+22	2,379537E+22	2,494481E+22
2308	2,529688E+22	2,475729E+22	2,406151E+22	2,406186E+22	2,475782E+22	2,529712E+22	2,494478E+22	2,379532E+22	2,274743E+22	2,274750E+22	2,379547E+22	2,494496E+22
2309	2,529746E+22	2,475848E+22	2,406293E+22	2,406299E+22	2,475878E+22	2,529794E+22	2,494524E+22	2,379542E+22	2,274735E+22	2,274740E+22	2,379542E+22	2,494495E+22
2310	2,529737E+22	2,475830E+22	2,406276E+22	2,406252E+22	2,475775E+22	2,529698E+22	2,494487E+22	2,379564E+22	2,274779E+22	2,274765E+22	2,379534E+22	2,494464E+22
2311	2,529694E+22	2,475779E+22	2,406233E+22	2,406253E+22	2,475815E+22	2,529743E+22	2,494532E+22	2,379608E+22	2,274819E+22	2,274796E+22	2,379552E+22	2,494487E+22
2312	2,529759E+22	2,475893E+22	2,406358E+22	2,406358E+22	2,475881E+22	2,529747E+22	2,494495E+22	2,379579E+22	2,274828E+22	2,274835E+22	2,379582E+22	2,494470E+22
2313	2,529683E+22	2,475788E+22	2,406251E+22	2,406242E+22	2,475781E+22	2,529697E+22	2,494485E+22	2,379586E+22	2,274834E+22	2,274838E+22	2,379599E+22	2,494494E+22
2314	2,529691E+22	2,475781E+22	2,406267E+22	2,406307E+22	2,475871E+22	2,529779E+22	2,494532E+22	2,379584E+22	2,274804E+22	2,274810E+22	2,379594E+22	2,494533E+22
2315	2,529777E+22	2,475873E+22	2,406325E+22	2,406328E+22	2,475845E+22	2,529720E+22	2,494480E+22	2,379556E+22	2,274789E+22	2,274800E+22	2,379583E+22	2,494511E+22
2316	2,529722E+22	2,475779E+22	2,406188E+22	2,406184E+22	2,475766E+22	2,529705E+22	2,494493E+22	2,379576E+22	2,274799E+22	2,274790E+22	2,379563E+22	2,494498E+22
2317	2,529749E+22	2,475864E+22	2,406316E+22	2,406296E+22	2,475845E+22	2,529772E+22	2,494531E+22	2,379564E+22	2,274761E+22	2,274753E+22	2,379537E+22	2,494486E+22
2318	2,529740E+22	2,475847E+22	2,406308E+22	2,406291E+22	2,475779E+22	2,529662E+22	2,494451E+22	2,379538E+22	2,274759E+22	2,274752E+22	2,379525E+22	2,494448E+22
2319	2,529669E+22	2,475746E+22	2,406186E+22	2,406218E+22	2,475795E+22	2,529705E+22	2,494473E+22	2,379538E+22	2,274751E+22	2,274747E+22	2,379531E+22	2,494472E+22
2320	2,529723E+22	2,475838E+22	2,406291E+22	2,406305E+22	2,475878E+22	2,529771E+22	2,494485E+22	2,379507E+22	2,274720E+22	2,274740E+22	2,379535E+22	2,494466E+22
2321	2,529680E+22	2,475755E+22	2,406188E+22	2,406173E+22	2,475736E+22	2,529691E+22	2,494477E+22	2,379526E+22	2,274722E+22	2,274721E+22	2,379523E+22	2,494468E+22
2322	2,529681E+22	2,475731E+22	2,406165E+22	2,406196E+22	2,475787E+22	2,529735E+22	2,494515E+22	2,379551E+22	2,274729E+22	2,274709E+22	2,379504E+22	2,494479E+22
2323	2,529756E+22	2,475856E+22	2,406282E+22	2,406278E+22	2,475811E+22	2,529694E+22	2,494456E+22	2,379522E+22	2,274736E+22	2,274737E+22	2,379525E+22	2,494462E+22
2324	2,529685E+22	2,475755E+22	2,406164E+22	2,406150E+22	2,475725E+22	2,529659E+22	2,494442E+22	2,379528E+22	2,274760E+22	2,274766E+22	2,379549E+22	2,494472E+22
2325	2,529697E+22	2,475801E+22	2,406271E+22	2,406278E+22	2,475835E+22	2,529760E+22	2,494510E+22	2,379534E+22	2,274737E+22	2,274747E+22	2,379548E+22	2,494498E+22
2326	2,529737E+22	2,475832E+22	2,406302E+22	2,406312E+22	2,475820E+22	2,529695E+22	2,494461E+22	2,379530E+22	2,274756E+22	2,274768E+22	2,379555E+22	2,494480E+22
2327	2,529694E+22	2,475759E+22	2,406184E+22	2,406207E+22	2,475790E+22	2,529715E+22	2,494496E+22	2,379574E+22	2,274794E+22	2,274787E+22	2,379559E+22	2,494493E+22
2328	2,529752E+22	2,475881E+22	2,406341E+22	2,406336E+22	2,475891E+22	2,529792E+22	2,494531E+22	2,379585E+22	2,274816E+22	2,274813E+22	2,379567E+22	2,494480E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2329	2,529720E+22	2,475840E+22	2,406307E+22	2,406279E+22	2,475782E+22	2,529691E+22	2,494498E+22	2,379608E+22	2,274853E+22	2,274843E+22	2,379582E+22	2,494472E+22
2330	2,529685E+22	2,475784E+22	2,406262E+22	2,406293E+22	2,475836E+22	2,529729E+22	2,494520E+22	2,379627E+22	2,274870E+22	2,274855E+22	2,379592E+22	2,494498E+22
2331	2,529751E+22	2,475897E+22	2,406391E+22	2,406407E+22	2,475918E+22	2,529755E+22	2,494489E+22	2,379587E+22	2,274857E+22	2,274876E+22	2,379631E+22	2,494517E+22
2332	2,529708E+22	2,475797E+22	2,406256E+22	2,406251E+22	2,475792E+22	2,529704E+22	2,494490E+22	2,379597E+22	2,274860E+22	2,274876E+22	2,379637E+22	2,494530E+22
2333	2,529731E+22	2,475827E+22	2,406307E+22	2,406318E+22	2,475858E+22	2,529778E+22	2,494562E+22	2,379620E+22	2,274835E+22	2,274826E+22	2,379593E+22	2,494528E+22
2334	2,529785E+22	2,475906E+22	2,406374E+22	2,406365E+22	2,475854E+22	2,529709E+22	2,494487E+22	2,379593E+22	2,274840E+22	2,274834E+22	2,379580E+22	2,494480E+22
2335	2,529711E+22	2,475817E+22	2,406248E+22	2,406226E+22	2,475773E+22	2,529683E+22	2,494474E+22	2,379587E+22	2,274837E+22	2,274830E+22	2,379574E+22	2,494477E+22
2336	2,529724E+22	2,475874E+22	2,406366E+22	2,406360E+22	2,475888E+22	2,529771E+22	2,494508E+22	2,379567E+22	2,274806E+22	2,274810E+22	2,379565E+22	2,494474E+22
2337	2,529703E+22	2,475819E+22	2,406308E+22	2,406315E+22	2,475818E+22	2,529691E+22	2,494469E+22	2,379557E+22	2,274794E+22	2,274797E+22	2,379563E+22	2,494467E+22
2338	2,529666E+22	2,475730E+22	2,406179E+22	2,406228E+22	2,475814E+22	2,529723E+22	2,494497E+22	2,379567E+22	2,274779E+22	2,274769E+22	2,379545E+22	2,494481E+22
2339	2,529730E+22	2,475846E+22	2,406306E+22	2,406320E+22	2,475887E+22	2,529773E+22	2,494503E+22	2,379547E+22	2,274761E+22	2,274768E+22	2,379559E+22	2,494491E+22
2340	2,529701E+22	2,475777E+22	2,406205E+22	2,406174E+22	2,475725E+22	2,529674E+22	2,494477E+22	2,379557E+22	2,274780E+22	2,274780E+22	2,379558E+22	2,494482E+22
2341	2,529698E+22	2,475775E+22	2,406224E+22	2,406224E+22	2,475771E+22	2,529713E+22	2,494523E+22	2,379581E+22	2,274778E+22	2,274759E+22	2,379531E+22	2,494476E+22
2342	2,529744E+22	2,475869E+22	2,406332E+22	2,406337E+22	2,475844E+22	2,529688E+22	2,494447E+22	2,379543E+22	2,274788E+22	2,274795E+22	2,379558E+22	2,494463E+22
2343	2,529682E+22	2,475779E+22	2,406206E+22	2,406191E+22	2,475757E+22	2,529665E+22	2,494431E+22	2,379527E+22	2,274786E+22	2,274805E+22	2,379580E+22	2,494490E+22
2344	2,529709E+22	2,475824E+22	2,406309E+22	2,406320E+22	2,475871E+22	2,529778E+22	2,494519E+22	2,379558E+22	2,274782E+22	2,274789E+22	2,379568E+22	2,494502E+22
2345	2,529740E+22	2,475846E+22	2,406322E+22	2,406330E+22	2,475837E+22	2,529711E+22	2,494494E+22	2,379585E+22	2,274816E+22	2,274811E+22	2,379571E+22	2,494481E+22
2346	2,529700E+22	2,475782E+22	2,406224E+22	2,406239E+22	2,475797E+22	2,529703E+22	2,494505E+22	2,379618E+22	2,274857E+22	2,274834E+22	2,379567E+22	2,494473E+22
2347	2,529732E+22	2,475896E+22	2,406396E+22	2,406395E+22	2,475917E+22	2,529783E+22	2,494529E+22	2,379619E+22	2,274874E+22	2,274874E+22	2,379611E+22	2,494494E+22
2348	2,529708E+22	2,475840E+22	2,406334E+22	2,406316E+22	2,475808E+22	2,529690E+22	2,494488E+22	2,379624E+22	2,274908E+22	2,274917E+22	2,379643E+22	2,494501E+22
2349	2,529692E+22	2,475798E+22	2,406293E+22	2,406316E+22	2,475846E+22	2,529744E+22	2,494542E+22	2,379649E+22	2,274906E+22	2,274900E+22	2,379630E+22	2,494519E+22
2350	2,529758E+22	2,475904E+22	2,406413E+22	2,406436E+22	2,475942E+22	2,529770E+22	2,494513E+22	2,379625E+22	2,274902E+22	2,274914E+22	2,379649E+22	2,494525E+22
2351	2,529733E+22	2,475841E+22	2,406294E+22	2,406267E+22	2,475790E+22	2,529690E+22	2,494483E+22	2,379615E+22	2,274895E+22	2,274903E+22	2,379643E+22	2,494530E+22
2352	2,529746E+22	2,475868E+22	2,406361E+22	2,406358E+22	2,475869E+22	2,529763E+22	2,494547E+22	2,379643E+22	2,274891E+22	2,274873E+22	2,379603E+22	2,494510E+22
2353	2,529767E+22	2,475914E+22	2,406409E+22	2,406403E+22	2,475876E+22	2,529709E+22	2,494490E+22	2,379619E+22	2,274886E+22	2,274882E+22	2,379606E+22	2,494477E+22
2354	2,529691E+22	2,475808E+22	2,406275E+22	2,406271E+22	2,475804E+22	2,529680E+22	2,494463E+22	2,379595E+22	2,274868E+22	2,274864E+22	2,379595E+22	2,494476E+22
2355	2,529702E+22	2,475857E+22	2,406381E+22	2,406397E+22	2,475929E+22	2,529798E+22	2,494521E+22	2,379579E+22	2,274826E+22	2,274839E+22	2,379603E+22	2,494507E+22
2356	2,529713E+22	2,475814E+22	2,406300E+22	2,406307E+22	2,475821E+22	2,529705E+22	2,494490E+22	2,379585E+22	2,274828E+22	2,274834E+22	2,379594E+22	2,494493E+22
2357	2,529696E+22	2,475765E+22	2,406206E+22	2,406218E+22	2,475787E+22	2,529717E+22	2,494526E+22	2,379613E+22	2,274825E+22	2,274797E+22	2,379549E+22	2,494477E+22
2358	2,529736E+22	2,475872E+22	2,406348E+22	2,406347E+22	2,475885E+22	2,529753E+22	2,494502E+22	2,379587E+22	2,274825E+22	2,274817E+22	2,379567E+22	2,494472E+22
2359	2,529702E+22	2,475817E+22	2,406262E+22	2,406213E+22	2,475727E+22	2,529641E+22	2,494444E+22	2,379560E+22	2,274820E+22	2,274830E+22	2,379586E+22	2,494481E+22
2360	2,529690E+22	2,475794E+22	2,406281E+22	2,406291E+22	2,475814E+22	2,529706E+22	2,494492E+22	2,379582E+22	2,274823E+22	2,274815E+22	2,379566E+22	2,494481E+22
2361	2,529728E+22	2,475861E+22	2,406353E+22	2,406374E+22	2,475887E+22	2,529719E+22	2,494466E+22	2,379564E+22	2,274822E+22	2,274836E+22	2,379593E+22	2,494483E+22
2362	2,529688E+22	2,475781E+22	2,406230E+22	2,406226E+22	2,475785E+22	2,529682E+22	2,494456E+22	2,379563E+22	2,274824E+22	2,274831E+22	2,379587E+22	2,494489E+22
2363	2,529712E+22	2,475842E+22	2,406345E+22	2,406357E+22	2,475898E+22	2,529795E+22	2,494544E+22	2,379607E+22	2,274836E+22	2,274830E+22	2,379590E+22	2,494510E+22
2364	2,529746E+22	2,475866E+22	2,406351E+22	2,406346E+22	2,475841E+22	2,529711E+22	2,494508E+22	2,379633E+22	2,274894E+22	2,274887E+22	2,379611E+22	2,494487E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2365	2,529703E+22	2,475813E+22	2,406280E+22	2,406272E+22	2,475794E+22	2,529696E+22	2,494521E+22	2,379662E+22	2,274925E+22	2,274902E+22	2,379608E+22	2,494478E+22
2366	2,529717E+22	2,475893E+22	2,406431E+22	2,406447E+22	2,475950E+22	2,529782E+22	2,494523E+22	2,379646E+22	2,274937E+22	2,274943E+22	2,379656E+22	2,494510E+22
2367	2,529718E+22	2,475859E+22	2,406360E+22	2,406342E+22	2,475826E+22	2,529692E+22	2,494477E+22	2,379623E+22	2,274936E+22	2,274963E+22	2,379687E+22	2,494537E+22
2368	2,529722E+22	2,475829E+22	2,406331E+22	2,406349E+22	2,475863E+22	2,529742E+22	2,494535E+22	2,379666E+22	2,274943E+22	2,274933E+22	2,379648E+22	2,494530E+22
2369	2,529773E+22	2,475928E+22	2,406439E+22	2,406448E+22	2,475943E+22	2,529770E+22	2,494526E+22	2,379660E+22	2,274946E+22	2,274943E+22	2,379655E+22	2,494521E+22
2370	2,529740E+22	2,475868E+22	2,406346E+22	2,406310E+22	2,475798E+22	2,529674E+22	2,494476E+22	2,379636E+22	2,274934E+22	2,274929E+22	2,379634E+22	2,494499E+22
2371	2,529725E+22	2,475880E+22	2,406414E+22	2,406421E+22	2,475907E+22	2,529765E+22	2,494539E+22	2,379655E+22	2,274920E+22	2,274908E+22	2,379626E+22	2,494507E+22
2372	2,529744E+22	2,475902E+22	2,406424E+22	2,406434E+22	2,475910E+22	2,529728E+22	2,494493E+22	2,379635E+22	2,274927E+22	2,274932E+22	2,379643E+22	2,494490E+22
2373	2,529687E+22	2,475807E+22	2,406292E+22	2,406283E+22	2,475814E+22	2,529710E+22	2,494500E+22	2,379627E+22	2,274900E+22	2,274895E+22	2,379616E+22	2,494484E+22
2374	2,529699E+22	2,475845E+22	2,406382E+22	2,406409E+22	2,475940E+22	2,529813E+22	2,494551E+22	2,379629E+22	2,274880E+22	2,274878E+22	2,379614E+22	2,494506E+22
2375	2,529731E+22	2,475847E+22	2,406321E+22	2,406305E+22	2,475803E+22	2,529687E+22	2,494486E+22	2,379612E+22	2,274879E+22	2,274880E+22	2,379615E+22	2,494499E+22
2376	2,529712E+22	2,475803E+22	2,406256E+22	2,406249E+22	2,475780E+22	2,529684E+22	2,494499E+22	2,379635E+22	2,274890E+22	2,274858E+22	2,379576E+22	2,494472E+22
2377	2,529728E+22	2,475885E+22	2,406385E+22	2,406382E+22	2,475895E+22	2,529737E+22	2,494490E+22	2,379608E+22	2,274877E+22	2,274876E+22	2,379607E+22	2,494485E+22
2378	2,529698E+22	2,475819E+22	2,406304E+22	2,406274E+22	2,475763E+22	2,529637E+22	2,494420E+22	2,379556E+22	2,274846E+22	2,274865E+22	2,379610E+22	2,494491E+22
2379	2,529689E+22	2,475797E+22	2,406313E+22	2,406344E+22	2,475865E+22	2,529740E+22	2,494502E+22	2,379587E+22	2,274834E+22	2,274841E+22	2,379601E+22	2,494511E+22
2380	2,529746E+22	2,475873E+22	2,406367E+22	2,406388E+22	2,475906E+22	2,529747E+22	2,494497E+22	2,379603E+22	2,274864E+22	2,274872E+22	2,379615E+22	2,494498E+22
2381	2,529712E+22	2,475821E+22	2,406275E+22	2,406240E+22	2,475774E+22	2,529691E+22	2,494492E+22	2,379621E+22	2,274887E+22	2,274872E+22	2,379591E+22	2,494472E+22
2382	2,529703E+22	2,475857E+22	2,406390E+22	2,406400E+22	2,475914E+22	2,529793E+22	2,494558E+22	2,379662E+22	2,274920E+22	2,274900E+22	2,379606E+22	2,494486E+22
2383	2,529736E+22	2,475893E+22	2,406400E+22	2,406389E+22	2,475852E+22	2,529692E+22	2,494485E+22	2,379648E+22	2,274953E+22	2,274958E+22	2,379657E+22	2,494495E+22
2384	2,529695E+22	2,475822E+22	2,406322E+22	2,406325E+22	2,475825E+22	2,529689E+22	2,494497E+22	2,379674E+22	2,274982E+22	2,274967E+22	2,379655E+22	2,494498E+22
2385	2,529716E+22	2,475888E+22	2,406440E+22	2,406468E+22	2,475973E+22	2,529803E+22	2,494542E+22	2,379672E+22	2,274975E+22	2,274987E+22	2,379695E+22	2,494541E+22
2386	2,529739E+22	2,475870E+22	2,406386E+22	2,406374E+22	2,475836E+22	2,529688E+22	2,494482E+22	2,379647E+22	2,274966E+22	2,274983E+22	2,379692E+22	2,494540E+22
2387	2,529739E+22	2,475862E+22	2,406374E+22	2,406387E+22	2,475883E+22	2,529747E+22	2,494541E+22	2,379689E+22	2,274977E+22	2,274964E+22	2,379666E+22	2,494533E+22
2388	2,529781E+22	2,475957E+22	2,406479E+22	2,406472E+22	2,475946E+22	2,529768E+22	2,494532E+22	2,379690E+22	2,275000E+22	2,274996E+22	2,379680E+22	2,494516E+22
2389	2,529735E+22	2,475893E+22	2,406400E+22	2,406351E+22	2,475807E+22	2,529677E+22	2,494487E+22	2,379666E+22	2,274983E+22	2,274975E+22	2,379653E+22	2,494486E+22
2390	2,529698E+22	2,475865E+22	2,406435E+22	2,406470E+22	2,475951E+22	2,529786E+22	2,494546E+22	2,379680E+22	2,274972E+22	2,274959E+22	2,379647E+22	2,494502E+22
2391	2,529743E+22	2,475906E+22	2,406430E+22	2,406446E+22	2,475922E+22	2,529739E+22	2,494497E+22	2,379645E+22	2,274956E+22	2,274970E+22	2,379675E+22	2,494512E+22
2392	2,529704E+22	2,475824E+22	2,406311E+22	2,406299E+22	2,475811E+22	2,529699E+22	2,494503E+22	2,379662E+22	2,274950E+22	2,274931E+22	2,379632E+22	2,494492E+22
2393	2,529710E+22	2,475862E+22	2,406395E+22	2,406408E+22	2,475922E+22	2,529799E+22	2,494559E+22	2,379668E+22	2,274935E+22	2,274922E+22	2,379633E+22	2,494508E+22
2394	2,529736E+22	2,475866E+22	2,406368E+22	2,406347E+22	2,475798E+22	2,529654E+22	2,494460E+22	2,379621E+22	2,274919E+22	2,274921E+22	2,379628E+22	2,494487E+22
2395	2,529703E+22	2,475821E+22	2,406309E+22	2,406315E+22	2,475819E+22	2,529681E+22	2,494474E+22	2,379625E+22	2,274909E+22	2,274903E+22	2,379619E+22	2,494486E+22
2396	2,529721E+22	2,475887E+22	2,406408E+22	2,406418E+22	2,475928E+22	2,529759E+22	2,494490E+22	2,379614E+22	2,274908E+22	2,274923E+22	2,379647E+22	2,494508E+22
2397	2,529710E+22	2,475835E+22	2,406335E+22	2,406304E+22	2,475788E+22	2,529677E+22	2,494459E+22	2,379587E+22	2,274877E+22	2,274889E+22	2,379622E+22	2,494494E+22
2398	2,529693E+22	2,475803E+22	2,406333E+22	2,406376E+22	2,475893E+22	2,529766E+22	2,494539E+22	2,379644E+22	2,274896E+22	2,274877E+22	2,379597E+22	2,494494E+22
2399	2,529757E+22	2,475908E+22	2,406398E+22	2,406403E+22	2,475902E+22	2,529745E+22	2,494509E+22	2,379644E+22	2,274930E+22	2,274929E+22	2,379637E+22	2,494494E+22
2400	2,529715E+22	2,475851E+22	2,406330E+22	2,406286E+22	2,475777E+22	2,529668E+22	2,494486E+22	2,379665E+22	2,274968E+22	2,274945E+22	2,379626E+22	2,494466E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2401	2,529685E+22	2,475856E+22	2,406414E+22	2,406433E+22	2,475923E+22	2,529782E+22	2,494554E+22	2,379695E+22	2,274990E+22	2,274978E+22	2,379661E+22	2,494505E+22
2402	2,529728E+22	2,475887E+22	2,406430E+22	2,406439E+22	2,475878E+22	2,529687E+22	2,494466E+22	2,379650E+22	2,274992E+22	2,275011E+22	2,379698E+22	2,494518E+22
2403	2,529709E+22	2,475837E+22	2,406351E+22	2,406366E+22	2,475860E+22	2,529709E+22	2,494498E+22	2,379673E+22	2,274995E+22	2,275003E+22	2,379700E+22	2,494534E+22
2404	2,529747E+22	2,475917E+22	2,406462E+22	2,406477E+22	2,475971E+22	2,529808E+22	2,494559E+22	2,379706E+22	2,275018E+22	2,275022E+22	2,379714E+22	2,494556E+22
2405	2,529771E+22	2,475924E+22	2,406444E+22	2,406402E+22	2,475832E+22	2,529688E+22	2,494499E+22	2,379686E+22	2,275015E+22	2,275011E+22	2,379684E+22	2,494514E+22
2406	2,529729E+22	2,475885E+22	2,406430E+22	2,406446E+22	2,475910E+22	2,529747E+22	2,494546E+22	2,379725E+22	2,275038E+22	2,275013E+22	2,379664E+22	2,494497E+22
2407	2,529761E+22	2,475976E+22	2,406523E+22	2,406520E+22	2,475970E+22	2,529768E+22	2,494521E+22	2,379699E+22	2,275042E+22	2,275050E+22	2,379713E+22	2,494513E+22
2408	2,529715E+22	2,475890E+22	2,406430E+22	2,406401E+22	2,475841E+22	2,529686E+22	2,494486E+22	2,379687E+22	2,275032E+22	2,275026E+22	2,379688E+22	2,494494E+22
2409	2,529683E+22	2,475843E+22	2,406421E+22	2,406474E+22	2,475964E+22	2,529810E+22	2,494578E+22	2,379719E+22	2,275018E+22	2,275005E+22	2,379681E+22	2,494522E+22
2410	2,529749E+22	2,475903E+22	2,406437E+22	2,406461E+22	2,475919E+22	2,529729E+22	2,494501E+22	2,379672E+22	2,274996E+22	2,275002E+22	2,379688E+22	2,494517E+22
2411	2,529720E+22	2,475850E+22	2,406339E+22	2,406321E+22	2,475816E+22	2,529692E+22	2,494498E+22	2,379674E+22	2,274983E+22	2,274976E+22	2,379668E+22	2,494505E+22
2412	2,529721E+22	2,475890E+22	2,406429E+22	2,406425E+22	2,475909E+22	2,529779E+22	2,494552E+22	2,379689E+22	2,274984E+22	2,274978E+22	2,379671E+22	2,494522E+22
2413	2,529746E+22	2,475898E+22	2,406418E+22	2,406388E+22	2,475809E+22	2,529650E+22	2,494452E+22	2,379629E+22	2,274951E+22	2,274959E+22	2,379653E+22	2,494489E+22
2414	2,529694E+22	2,475823E+22	2,406339E+22	2,406370E+22	2,475869E+22	2,529709E+22	2,494480E+22	2,379634E+22	2,274941E+22	2,274939E+22	2,379632E+22	2,494488E+22
2415	2,529735E+22	2,475910E+22	2,406429E+22	2,406440E+22	2,475946E+22	2,529780E+22	2,494504E+22	2,379623E+22	2,274928E+22	2,274948E+22	2,379665E+22	2,494518E+22
2416	2,529727E+22	2,475865E+22	2,406369E+22	2,406334E+22	2,475793E+22	2,529672E+22	2,494476E+22	2,379637E+22	2,274935E+22	2,274923E+22	2,379624E+22	2,494481E+22
2417	2,529690E+22	2,475820E+22	2,406353E+22	2,406391E+22	2,475890E+22	2,529765E+22	2,494562E+22	2,379701E+22	2,274972E+22	2,274936E+22	2,379613E+22	2,494477E+22
2418	2,529738E+22	2,475916E+22	2,406445E+22	2,406455E+22	2,475907E+22	2,529718E+22	2,494493E+22	2,379667E+22	2,274991E+22	2,274990E+22	2,379662E+22	2,494481E+22
2419	2,529695E+22	2,475858E+22	2,406373E+22	2,406349E+22	2,475816E+22	2,529668E+22	2,494469E+22	2,379667E+22	2,275007E+22	2,275013E+22	2,379689E+22	2,494490E+22
2420	2,529681E+22	2,475859E+22	2,406432E+22	2,406458E+22	2,475940E+22	2,529794E+22	2,494561E+22	2,379712E+22	2,275034E+22	2,275039E+22	2,379717E+22	2,494542E+22
2421	2,529752E+22	2,475912E+22	2,406460E+22	2,406461E+22	2,475891E+22	2,529709E+22	2,494492E+22	2,379679E+22	2,275028E+22	2,275045E+22	2,379719E+22	2,494531E+22
2422	2,529726E+22	2,475864E+22	2,406385E+22	2,406403E+22	2,475886E+22	2,529725E+22	2,494520E+22	2,379715E+22	2,275051E+22	2,275040E+22	2,379697E+22	2,494524E+22
2423	2,529769E+22	2,475967E+22	2,406510E+22	2,406504E+22	2,475971E+22	2,529800E+22	2,494560E+22	2,379732E+22	2,275071E+22	2,275072E+22	2,379732E+22	2,494548E+22
2424	2,529771E+22	2,475959E+22	2,406509E+22	2,406465E+22	2,475849E+22	2,529669E+22	2,494495E+22	2,379725E+22	2,275081E+22	2,275068E+22	2,379707E+22	2,494499E+22
2425	2,529702E+22	2,475879E+22	2,406453E+22	2,406490E+22	2,475940E+22	2,529754E+22	2,494552E+22	2,379757E+22	2,275097E+22	2,275076E+22	2,379706E+22	2,494501E+22
2426	2,529734E+22	2,475954E+22	2,406540E+22	2,406564E+22	2,476002E+22	2,529778E+22	2,494519E+22	2,379704E+22	2,275071E+22	2,275092E+22	2,379746E+22	2,494530E+22
2427	2,529719E+22	2,475891E+22	2,406439E+22	2,406424E+22	2,475868E+22	2,529709E+22	2,494503E+22	2,379695E+22	2,275046E+22	2,275061E+22	2,379732E+22	2,494525E+22
2428	2,529706E+22	2,475862E+22	2,406423E+22	2,406457E+22	2,475939E+22	2,529801E+22	2,494598E+22	2,379759E+22	2,275065E+22	2,275044E+22	2,379706E+22	2,494541E+22
2429	2,529777E+22	2,475949E+22	2,406478E+22	2,406470E+22	2,475903E+22	2,529716E+22	2,494504E+22	2,379701E+22	2,275043E+22	2,275038E+22	2,379693E+22	2,494504E+22
2430	2,529717E+22	2,475878E+22	2,406390E+22	2,406372E+22	2,475837E+22	2,529679E+22	2,494482E+22	2,379686E+22	2,275027E+22	2,275017E+22	2,379671E+22	2,494486E+22
2431	2,529718E+22	2,475915E+22	2,406469E+22	2,406468E+22	2,475929E+22	2,529768E+22	2,494528E+22	2,379680E+22	2,275008E+22	2,275019E+22	2,379703E+22	2,494530E+22
2432	2,529741E+22	2,475909E+22	2,406457E+22	2,406444E+22	2,475848E+22	2,529659E+22	2,494458E+22	2,379648E+22	2,274980E+22	2,274986E+22	2,379669E+22	2,494491E+22
2433	2,529685E+22	2,475816E+22	2,406341E+22	2,406387E+22	2,475889E+22	2,529734E+22	2,494518E+22	2,379679E+22	2,274984E+22	2,274972E+22	2,379647E+22	2,494485E+22
2434	2,529724E+22	2,475912E+22	2,406453E+22	2,406468E+22	2,475953E+22	2,529780E+22	2,494521E+22	2,379661E+22	2,274978E+22	2,274984E+22	2,379670E+22	2,494505E+22
2435	2,529725E+22	2,475889E+22	2,406407E+22	2,406368E+22	2,475810E+22	2,529674E+22	2,494484E+22	2,379663E+22	2,274988E+22	2,274988E+22	2,379667E+22	2,494482E+22
2436	2,529681E+22	2,475835E+22	2,406382E+22	2,406408E+22	2,475881E+22	2,529746E+22	2,494565E+22	2,379741E+22	2,275046E+22	2,275018E+22	2,379670E+22	2,494495E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2437	2,529737E+22	2,475931E+22	2,406482E+22	2,406493E+22	2,475929E+22	2,529717E+22	2,494485E+22	2,379686E+22	2,275044E+22	2,275053E+22	2,379709E+22	2,494500E+22
2438	2,529694E+22	2,475862E+22	2,406399E+22	2,406397E+22	2,475860E+22	2,529689E+22	2,494474E+22	2,379679E+22	2,275046E+22	2,275061E+22	2,379719E+22	2,494514E+22
2439	2,529714E+22	2,475894E+22	2,406460E+22	2,406477E+22	2,475945E+22	2,529795E+22	2,494568E+22	2,379727E+22	2,275062E+22	2,275075E+22	2,379748E+22	2,494569E+22
2440	2,529786E+22	2,475962E+22	2,406515E+22	2,406501E+22	2,475896E+22	2,529694E+22	2,494502E+22	2,379725E+22	2,275081E+22	2,275076E+22	2,379723E+22	2,494521E+22
2441	2,529729E+22	2,475895E+22	2,406430E+22	2,406439E+22	2,475896E+22	2,529723E+22	2,494535E+22	2,379759E+22	2,275116E+22	2,275094E+22	2,379711E+22	2,494501E+22
2442	2,529742E+22	2,475978E+22	2,406569E+22	2,406571E+22	2,475995E+22	2,529786E+22	2,494547E+22	2,379747E+22	2,275117E+22	2,275122E+22	2,379751E+22	2,494530E+22
2443	2,529745E+22	2,475959E+22	2,406545E+22	2,406526E+22	2,475906E+22	2,529690E+22	2,494494E+22	2,379727E+22	2,275112E+22	2,275126E+22	2,379760E+22	2,494514E+22
2444	2,529688E+22	2,475868E+22	2,406454E+22	2,406500E+22	2,475959E+22	2,529778E+22	2,494580E+22	2,379790E+22	2,275142E+22	2,275128E+22	2,379752E+22	2,494533E+22
2445	2,529748E+22	2,475962E+22	2,406546E+22	2,406566E+22	2,476007E+22	2,529793E+22	2,494546E+22	2,379741E+22	2,275110E+22	2,275121E+22	2,379762E+22	2,494540E+22
2446	2,529731E+22	2,475908E+22	2,406457E+22	2,406439E+22	2,475876E+22	2,529711E+22	2,494519E+22	2,379735E+22	2,275099E+22	2,275097E+22	2,379734E+22	2,494524E+22
2447	2,529731E+22	2,475908E+22	2,406462E+22	2,406466E+22	2,475916E+22	2,529768E+22	2,494583E+22	2,379772E+22	2,275107E+22	2,275092E+22	2,379732E+22	2,494544E+22
2448	2,529782E+22	2,475985E+22	2,406536E+22	2,406517E+22	2,475903E+22	2,529675E+22	2,494483E+22	2,379723E+22	2,275088E+22	2,275081E+22	2,379715E+22	2,494497E+22
2449	2,529699E+22	2,475879E+22	2,406417E+22	2,406413E+22	2,475869E+22	2,529683E+22	2,494476E+22	2,379697E+22	2,275063E+22	2,275061E+22	2,379702E+22	2,494490E+22
2450	2,529698E+22	2,475905E+22	2,406497E+22	2,406514E+22	2,475963E+22	2,529778E+22	2,494523E+22	2,379674E+22	2,275017E+22	2,275039E+22	2,379718E+22	2,494537E+22
2451	2,529746E+22	2,475919E+22	2,406477E+22	2,406476E+22	2,475886E+22	2,529686E+22	2,494480E+22	2,379661E+22	2,274996E+22	2,275012E+22	2,379693E+22	2,494500E+22
2452	2,529692E+22	2,475835E+22	2,406358E+22	2,406386E+22	2,475879E+22	2,529734E+22	2,494547E+22	2,379734E+22	2,275046E+22	2,275017E+22	2,379665E+22	2,494485E+22
2453	2,529725E+22	2,475937E+22	2,406491E+22	2,406489E+22	2,475955E+22	2,529774E+22	2,494530E+22	2,379703E+22	2,275041E+22	2,275038E+22	2,379685E+22	2,494486E+22
2454	2,529704E+22	2,475899E+22	2,406450E+22	2,406421E+22	2,475843E+22	2,529673E+22	2,494481E+22	2,379691E+22	2,275051E+22	2,275053E+22	2,379695E+22	2,494481E+22
2455	2,529680E+22	2,475851E+22	2,406414E+22	2,406440E+22	2,475898E+22	2,529737E+22	2,494549E+22	2,379746E+22	2,275089E+22	2,275083E+22	2,379728E+22	2,494528E+22
2456	2,529748E+22	2,475947E+22	2,406517E+22	2,406535E+22	2,475952E+22	2,529718E+22	2,494495E+22	2,379717E+22	2,275086E+22	2,275096E+22	2,379744E+22	2,494524E+22
2457	2,529709E+22	2,475876E+22	2,406418E+22	2,406420E+22	2,475879E+22	2,529705E+22	2,494502E+22	2,379722E+22	2,275095E+22	2,275101E+22	2,379741E+22	2,494524E+22
2458	2,529722E+22	2,475920E+22	2,406508E+22	2,406517E+22	2,475956E+22	2,529785E+22	2,494570E+22	2,379755E+22	2,275107E+22	2,275110E+22	2,379756E+22	2,494563E+22
2459	2,529793E+22	2,476002E+22	2,406574E+22	2,406555E+22	2,475928E+22	2,529700E+22	2,494507E+22	2,379743E+22	2,275125E+22	2,275134E+22	2,379758E+22	2,494517E+22
2460	2,529717E+22	2,475914E+22	2,406473E+22	2,406472E+22	2,475904E+22	2,529717E+22	2,494545E+22	2,379801E+22	2,275183E+22	2,275163E+22	2,379755E+22	2,494509E+22
2461	2,529728E+22	2,475980E+22	2,406599E+22	2,406613E+22	2,476034E+22	2,529805E+22	2,494553E+22	2,379770E+22	2,275166E+22	2,275175E+22	2,379784E+22	2,494538E+22
2462	2,529736E+22	2,475955E+22	2,406560E+22	2,406560E+22	2,475949E+22	2,529722E+22	2,494514E+22	2,379750E+22	2,275150E+22	2,275164E+22	2,379779E+22	2,494532E+22
2463	2,529714E+22	2,475889E+22	2,406463E+22	2,406491E+22	2,475943E+22	2,529769E+22	2,494590E+22	2,379817E+22	2,275179E+22	2,275163E+22	2,379779E+22	2,494556E+22
2464	2,529776E+22	2,476000E+22	2,406584E+22	2,406582E+22	2,475991E+22	2,529761E+22	2,494549E+22	2,379788E+22	2,275162E+22	2,275152E+22	2,379766E+22	2,494533E+22
2465	2,529732E+22	2,475932E+22	2,406496E+22	2,406464E+22	2,475872E+22	2,529688E+22	2,494511E+22	2,379761E+22	2,275150E+22	2,275144E+22	2,379751E+22	2,494507E+22
2466	2,529705E+22	2,475917E+22	2,406521E+22	2,406525E+22	2,475933E+22	2,529738E+22	2,494546E+22	2,379764E+22	2,275131E+22	2,275128E+22	2,379753E+22	2,494538E+22
2467	2,529767E+22	2,475989E+22	2,406575E+22	2,406576E+22	2,475960E+22	2,529696E+22	2,494471E+22	2,379704E+22	2,275096E+22	2,275120E+22	2,379754E+22	2,494509E+22
2468	2,529690E+22	2,475874E+22	2,406427E+22	2,406426E+22	2,475890E+22	2,529710E+22	2,494505E+22	2,379726E+22	2,275095E+22	2,275095E+22	2,379729E+22	2,494508E+22
2469	2,529705E+22	2,475910E+22	2,406505E+22	2,406526E+22	2,475986E+22	2,529804E+22	2,494554E+22	2,379718E+22	2,275058E+22	2,275061E+22	2,379717E+22	2,494528E+22
2470	2,529746E+22	2,475933E+22	2,406499E+22	2,406498E+22	2,475908E+22	2,529703E+22	2,494506E+22	2,379712E+22	2,275059E+22	2,275053E+22	2,379694E+22	2,494492E+22
2471	2,529702E+22	2,475864E+22	2,406392E+22	2,406395E+22	2,475862E+22	2,529710E+22	2,494547E+22	2,379769E+22	2,275111E+22	2,275085E+22	2,379708E+22	2,494496E+22
2472	2,529725E+22	2,475956E+22	2,406539E+22	2,406532E+22	2,475958E+22	2,529741E+22	2,494521E+22	2,379743E+22	2,275106E+22	2,275102E+22	2,379729E+22	2,494499E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2473	2,529693E+22	2,475895E+22	2,406472E+22	2,406457E+22	2,475873E+22	2,529679E+22	2,494477E+22	2,379709E+22	2,275102E+22	2,275119E+22	2,379749E+22	2,494507E+22
2474	2,529678E+22	2,475857E+22	2,406451E+22	2,406480E+22	2,475918E+22	2,529735E+22	2,494539E+22	2,379744E+22	2,275107E+22	2,275117E+22	2,379760E+22	2,494557E+22
2475	2,529779E+22	2,475983E+22	2,406556E+22	2,406566E+22	2,475978E+22	2,529731E+22	2,494506E+22	2,379730E+22	2,275111E+22	2,275132E+22	2,379770E+22	2,494538E+22
2476	2,529732E+22	2,475919E+22	2,406465E+22	2,406439E+22	2,475877E+22	2,529700E+22	2,494522E+22	2,379774E+22	2,275159E+22	2,275146E+22	2,379754E+22	2,494520E+22
2477	2,529729E+22	2,475957E+22	2,406565E+22	2,406565E+22	2,475980E+22	2,529781E+22	2,494568E+22	2,379788E+22	2,275164E+22	2,275155E+22	2,379760E+22	2,494533E+22
2478	2,529767E+22	2,476011E+22	2,406625E+22	2,406622E+22	2,475982E+22	2,529718E+22	2,494513E+22	2,379774E+22	2,275183E+22	2,275186E+22	2,379775E+22	2,494510E+22
2479	2,529706E+22	2,475916E+22	2,406502E+22	2,406505E+22	2,475930E+22	2,529727E+22	2,494548E+22	2,379818E+22	2,275227E+22	2,275221E+22	2,379804E+22	2,494532E+22
2480	2,529726E+22	2,475976E+22	2,406618E+22	2,406638E+22	2,476046E+22	2,529808E+22	2,494577E+22	2,379815E+22	2,275213E+22	2,275214E+22	2,379811E+22	2,494551E+22
2481	2,529739E+22	2,475955E+22	2,406564E+22	2,406565E+22	2,475954E+22	2,529731E+22	2,494539E+22	2,379800E+22	2,275211E+22	2,275213E+22	2,379804E+22	2,494538E+22
2482	2,529715E+22	2,475910E+22	2,406502E+22	2,406511E+22	2,475931E+22	2,529739E+22	2,494571E+22	2,379832E+22	2,275221E+22	2,275204E+22	2,379796E+22	2,494558E+22
2483	2,529788E+22	2,476033E+22	2,406634E+22	2,406619E+22	2,476002E+22	2,529747E+22	2,494531E+22	2,379787E+22	2,275197E+22	2,275207E+22	2,379803E+22	2,494536E+22
2484	2,529727E+22	2,475947E+22	2,406536E+22	2,406499E+22	2,475881E+22	2,529673E+22	2,494501E+22	2,379779E+22	2,275192E+22	2,275193E+22	2,379787E+22	2,494522E+22
2485	2,529702E+22	2,475918E+22	2,406544E+22	2,406568E+22	2,475980E+22	2,529758E+22	2,494537E+22	2,379762E+22	2,275148E+22	2,275153E+22	2,379769E+22	2,494543E+22
2486	2,529764E+22	2,475988E+22	2,406591E+22	2,406610E+22	2,476009E+22	2,529742E+22	2,494501E+22	2,379724E+22	2,275115E+22	2,275130E+22	2,379755E+22	2,494519E+22
2487	2,529714E+22	2,475896E+22	2,406444E+22	2,406424E+22	2,475881E+22	2,529713E+22	2,494528E+22	2,379764E+22	2,275135E+22	2,275124E+22	2,379743E+22	2,494516E+22
2488	2,529719E+22	2,475936E+22	2,406542E+22	2,406544E+22	2,475974E+22	2,529784E+22	2,494572E+22	2,379779E+22	2,275125E+22	2,275102E+22	2,379719E+22	2,494508E+22
2489	2,529731E+22	2,475943E+22	2,406533E+22	2,406525E+22	2,475912E+22	2,529693E+22	2,494508E+22	2,379754E+22	2,275133E+22	2,275122E+22	2,379725E+22	2,494478E+22
2490	2,529672E+22	2,475865E+22	2,406440E+22	2,406444E+22	2,475875E+22	2,529684E+22	2,494515E+22	2,379771E+22	2,275153E+22	2,275143E+22	2,379751E+22	2,494512E+22
2491	2,529725E+22	2,475963E+22	2,406572E+22	2,406578E+22	2,475999E+22	2,529756E+22	2,494511E+22	2,379734E+22	2,275132E+22	2,275159E+22	2,379784E+22	2,494531E+22
2492	2,529707E+22	2,475905E+22	2,406493E+22	2,406473E+22	2,475881E+22	2,529689E+22	2,494498E+22	2,379743E+22	2,275144E+22	2,275161E+22	2,379783E+22	2,494537E+22
2493	2,529706E+22	2,475885E+22	2,406480E+22	2,406508E+22	2,475944E+22	2,529748E+22	2,494550E+22	2,379777E+22	2,275151E+22	2,275145E+22	2,379763E+22	2,494552E+22
2494	2,529791E+22	2,476021E+22	2,406608E+22	2,406610E+22	2,476010E+22	2,529751E+22	2,494524E+22	2,379768E+22	2,275167E+22	2,275167E+22	2,379768E+22	2,494526E+22
2495	2,529740E+22	2,475954E+22	2,406522E+22	2,406474E+22	2,475875E+22	2,529684E+22	2,494522E+22	2,379809E+22	2,275223E+22	2,275212E+22	2,379788E+22	2,494519E+22
2496	2,529717E+22	2,475967E+22	2,406616E+22	2,406624E+22	2,476004E+22	2,529771E+22	2,494573E+22	2,379834E+22	2,275232E+22	2,275215E+22	2,379791E+22	2,494530E+22
2497	2,529743E+22	2,475995E+22	2,406641E+22	2,406661E+22	2,476022E+22	2,529743E+22	2,494525E+22	2,379803E+22	2,275241E+22	2,275251E+22	2,379821E+22	2,494523E+22
2498	2,529692E+22	2,475910E+22	2,406525E+22	2,406530E+22	2,475939E+22	2,529729E+22	2,494551E+22	2,379832E+22	2,275256E+22	2,275259E+22	2,379837E+22	2,494560E+22
2499	2,529753E+22	2,476000E+22	2,406641E+22	2,406653E+22	2,476051E+22	2,529811E+22	2,494584E+22	2,379832E+22	2,275248E+22	2,275258E+22	2,379839E+22	2,494565E+22
2500	2,529759E+22	2,475987E+22	2,406597E+22	2,406572E+22	2,475933E+22	2,529709E+22	2,494541E+22	2,379838E+22	2,275270E+22	2,275263E+22	2,379825E+22	2,494541E+22
2501	2,529725E+22	2,475939E+22	2,406547E+22	2,406554E+22	2,475951E+22	2,529723E+22	2,494545E+22	2,379838E+22	2,275259E+22	2,275243E+22	2,379806E+22	2,494542E+22
2502	2,529774E+22	2,476046E+22	2,406678E+22	2,406678E+22	2,476050E+22	2,529764E+22	2,494523E+22	2,379791E+22	2,275225E+22	2,275235E+22	2,379816E+22	2,494540E+22
2503	2,529728E+22	2,475952E+22	2,406562E+22	2,406530E+22	2,475903E+22	2,529689E+22	2,494506E+22	2,379787E+22	2,275216E+22	2,275226E+22	2,379815E+22	2,494541E+22
2504	2,529709E+22	2,475922E+22	2,406563E+22	2,406594E+22	2,475994E+22	2,529773E+22	2,494572E+22	2,379809E+22	2,275184E+22	2,275170E+22	2,379769E+22	2,494538E+22
2505	2,529761E+22	2,475989E+22	2,406598E+22	2,406620E+22	2,476020E+22	2,529763E+22	2,494535E+22	2,379780E+22	2,275177E+22	2,275173E+22	2,379764E+22	2,494504E+22
2506	2,529700E+22	2,475912E+22	2,406484E+22	2,406445E+22	2,475868E+22	2,529693E+22	2,494523E+22	2,379791E+22	2,275188E+22	2,275175E+22	2,379765E+22	2,494513E+22
2507	2,529719E+22	2,475956E+22	2,406579E+22	2,406575E+22	2,475977E+22	2,529769E+22	2,494559E+22	2,379791E+22	2,275181E+22	2,275177E+22	2,379767E+22	2,494515E+22
2508	2,529723E+22	2,475948E+22	2,406562E+22	2,406554E+22	2,475918E+22	2,529679E+22	2,494498E+22	2,379779E+22	2,275194E+22	2,275194E+22	2,379781E+22	2,494509E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2509	2,529682E+22	2,475870E+22	2,406460E+22	2,406484E+22	2,475916E+22	2,529692E+22	2,494492E+22	2,379763E+22	2,275178E+22	2,275181E+22	2,379781E+22	2,494532E+22
2510	2,529743E+22	2,475982E+22	2,406598E+22	2,406611E+22	2,476032E+22	2,529785E+22	2,494530E+22	2,379754E+22	2,275155E+22	2,275174E+22	2,379792E+22	2,494553E+22
2511	2,529746E+22	2,475947E+22	2,406534E+22	2,406494E+22	2,475876E+22	2,529683E+22	2,494509E+22	2,379777E+22	2,275187E+22	2,275191E+22	2,379794E+22	2,494541E+22
2512	2,529724E+22	2,475928E+22	2,406543E+22	2,406553E+22	2,475944E+22	2,529733E+22	2,494563E+22	2,379828E+22	2,275212E+22	2,275184E+22	2,379759E+22	2,494519E+22
2513	2,529768E+22	2,476034E+22	2,406659E+22	2,406665E+22	2,476040E+22	2,529761E+22	2,494533E+22	2,379810E+22	2,275240E+22	2,275237E+22	2,379794E+22	2,494499E+22
2514	2,529697E+22	2,475952E+22	2,406574E+22	2,406537E+22	2,475907E+22	2,529683E+22	2,494507E+22	2,379818E+22	2,275270E+22	2,275273E+22	2,379831E+22	2,494529E+22
2515	2,529706E+22	2,475960E+22	2,406633E+22	2,406663E+22	2,476046E+22	2,529801E+22	2,494582E+22	2,379844E+22	2,275275E+22	2,275282E+22	2,379842E+22	2,494553E+22
2516	2,529747E+22	2,475992E+22	2,406645E+22	2,406667E+22	2,476024E+22	2,529755E+22	2,494557E+22	2,379854E+22	2,275301E+22	2,275305E+22	2,379860E+22	2,494553E+22
2517	2,529718E+22	2,475929E+22	2,406536E+22	2,406545E+22	2,475950E+22	2,529726E+22	2,494552E+22	2,379862E+22	2,275305E+22	2,275296E+22	2,379850E+22	2,494563E+22
2518	2,529771E+22	2,476038E+22	2,406683E+22	2,406680E+22	2,476058E+22	2,529813E+22	2,494592E+22	2,379863E+22	2,275296E+22	2,275292E+22	2,379850E+22	2,494571E+22
2519	2,529778E+22	2,476024E+22	2,406650E+22	2,406606E+22	2,475923E+22	2,529680E+22	2,494526E+22	2,379854E+22	2,275315E+22	2,275316E+22	2,379861E+22	2,494551E+22
2520	2,529728E+22	2,475959E+22	2,406596E+22	2,406610E+22	2,475972E+22	2,529713E+22	2,494539E+22	2,379855E+22	2,275296E+22	2,275280E+22	2,379825E+22	2,494538E+22
2521	2,529760E+22	2,476041E+22	2,406696E+22	2,406715E+22	2,476092E+22	2,529800E+22	2,494538E+22	2,379806E+22	2,275258E+22	2,275274E+22	2,379838E+22	2,494538E+22
2522	2,529716E+22	2,475957E+22	2,406587E+22	2,406554E+22	2,475912E+22	2,529698E+22	2,494517E+22	2,379802E+22	2,275237E+22	2,275245E+22	2,379827E+22	2,494549E+22
2523	2,529726E+22	2,475943E+22	2,406583E+22	2,406611E+22	2,476000E+22	2,529780E+22	2,494586E+22	2,379837E+22	2,275232E+22	2,275213E+22	2,379780E+22	2,494527E+22
2524	2,529758E+22	2,476006E+22	2,406625E+22	2,406631E+22	2,476001E+22	2,529741E+22	2,494541E+22	2,379826E+22	2,275248E+22	2,275233E+22	2,379788E+22	2,494498E+22
2525	2,529691E+22	2,475920E+22	2,406512E+22	2,406488E+22	2,475888E+22	2,529676E+22	2,494498E+22	2,379800E+22	2,275235E+22	2,275228E+22	2,379792E+22	2,494507E+22
2526	2,529705E+22	2,475962E+22	2,406611E+22	2,406622E+22	2,476013E+22	2,529784E+22	2,494553E+22	2,379795E+22	2,275210E+22	2,275214E+22	2,379800E+22	2,494539E+22
2527	2,529735E+22	2,475956E+22	2,406581E+22	2,406575E+22	2,475926E+22	2,529683E+22	2,494498E+22	2,379785E+22	2,275222E+22	2,275237E+22	2,379823E+22	2,494542E+22
2528	2,529708E+22	2,475893E+22	2,406489E+22	2,406515E+22	2,475925E+22	2,529699E+22	2,494518E+22	2,379802E+22	2,275214E+22	2,275205E+22	2,379786E+22	2,494532E+22
2529	2,529755E+22	2,476006E+22	2,406628E+22	2,406639E+22	2,476049E+22	2,529802E+22	2,494553E+22	2,379799E+22	2,275217E+22	2,275220E+22	2,379801E+22	2,494532E+22
2530	2,529735E+22	2,475979E+22	2,406595E+22	2,406540E+22	2,475880E+22	2,529670E+22	2,494506E+22	2,379803E+22	2,275240E+22	2,275242E+22	2,379813E+22	2,494532E+22
2531	2,529719E+22	2,475950E+22	2,406594E+22	2,406609E+22	2,475971E+22	2,529734E+22	2,494560E+22	2,379850E+22	2,275275E+22	2,275259E+22	2,379798E+22	2,494513E+22
2532	2,529744E+22	2,476028E+22	2,406686E+22	2,406706E+22	2,476063E+22	2,529768E+22	2,494542E+22	2,379845E+22	2,275309E+22	2,275313E+22	2,379849E+22	2,494522E+22
2533	2,529696E+22	2,475944E+22	2,406579E+22	2,406574E+22	2,475950E+22	2,529706E+22	2,494511E+22	2,379830E+22	2,275307E+22	2,275321E+22	2,379868E+22	2,494551E+22
2534	2,529724E+22	2,475977E+22	2,406646E+22	2,406677E+22	2,476062E+22	2,529826E+22	2,494612E+22	2,379880E+22	2,275312E+22	2,275307E+22	2,379863E+22	2,494582E+22
2535	2,529786E+22	2,476033E+22	2,406676E+22	2,406671E+22	2,476000E+22	2,529732E+22	2,494561E+22	2,379892E+22	2,275358E+22	2,275353E+22	2,379885E+22	2,494567E+22
2536	2,529746E+22	2,475979E+22	2,406597E+22	2,406584E+22	2,475938E+22	2,529696E+22	2,494547E+22	2,379895E+22	2,275359E+22	2,275339E+22	2,379856E+22	2,494543E+22
2537	2,529759E+22	2,476059E+22	2,406734E+22	2,406735E+22	2,476082E+22	2,529808E+22	2,494584E+22	2,379882E+22	2,275349E+22	2,275350E+22	2,379876E+22	2,494551E+22
2538	2,529746E+22	2,476033E+22	2,406703E+22	2,406669E+22	2,475957E+22	2,529679E+22	2,494507E+22	2,379845E+22	2,275333E+22	2,275350E+22	2,379889E+22	2,494559E+22
2539	2,529723E+22	2,475962E+22	2,406618E+22	2,406651E+22	2,476011E+22	2,529743E+22	2,494550E+22	2,379859E+22	2,275321E+22	2,275319E+22	2,379848E+22	2,494541E+22
2540	2,529754E+22	2,476038E+22	2,406701E+22	2,406724E+22	2,476100E+22	2,529819E+22	2,494577E+22	2,379856E+22	2,275309E+22	2,275313E+22	2,379857E+22	2,494545E+22
2541	2,529724E+22	2,475966E+22	2,406593E+22	2,406573E+22	2,475931E+22	2,529700E+22	2,494521E+22	2,379829E+22	2,275282E+22	2,275280E+22	2,379831E+22	2,494536E+22
2542	2,529723E+22	2,475962E+22	2,406606E+22	2,406627E+22	2,476002E+22	2,529781E+22	2,494599E+22	2,379871E+22	2,275281E+22	2,275254E+22	2,379802E+22	2,494532E+22
2543	2,529758E+22	2,476020E+22	2,406655E+22	2,406656E+22	2,475990E+22	2,529711E+22	2,494528E+22	2,379848E+22	2,275302E+22	2,275298E+22	2,379839E+22	2,494520E+22
2544	2,529695E+22	2,475931E+22	2,406544E+22	2,406530E+22	2,475902E+22	2,529663E+22	2,494487E+22	2,379808E+22	2,275269E+22	2,275273E+22	2,379825E+22	2,494521E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2545	2,529706E+22	2,475965E+22	2,406628E+22	2,406651E+22	2,476040E+22	2,529806E+22	2,494565E+22	2,379808E+22	2,275241E+22	2,275256E+22	2,379832E+22	2,494549E+22
2546	2,529742E+22	2,475986E+22	2,406620E+22	2,406603E+22	2,475931E+22	2,529681E+22	2,494502E+22	2,379795E+22	2,275239E+22	2,275255E+22	2,379835E+22	2,494554E+22
2547	2,529735E+22	2,475938E+22	2,406534E+22	2,406548E+22	2,475937E+22	2,529701E+22	2,494523E+22	2,379827E+22	2,275265E+22	2,275248E+22	2,379789E+22	2,494512E+22
2548	2,529748E+22	2,476034E+22	2,406676E+22	2,406677E+22	2,476053E+22	2,529794E+22	2,494566E+22	2,379846E+22	2,275290E+22	2,275282E+22	2,379821E+22	2,494517E+22
2549	2,529717E+22	2,475985E+22	2,406631E+22	2,406606E+22	2,475927E+22	2,529670E+22	2,494495E+22	2,379820E+22	2,275293E+22	2,275300E+22	2,379840E+22	2,494520E+22
2550	2,529696E+22	2,475950E+22	2,406620E+22	2,406657E+22	2,476019E+22	2,529767E+22	2,494580E+22	2,379877E+22	2,275320E+22	2,275307E+22	2,379840E+22	2,494539E+22
2551	2,529745E+22	2,476026E+22	2,406699E+22	2,406725E+22	2,476071E+22	2,529776E+22	2,494564E+22	2,379882E+22	2,275362E+22	2,275373E+22	2,379900E+22	2,494559E+22
2552	2,529721E+22	2,475966E+22	2,406604E+22	2,406594E+22	2,475948E+22	2,529706E+22	2,494540E+22	2,379880E+22	2,275363E+22	2,275364E+22	2,379888E+22	2,494559E+22
2553	2,529740E+22	2,476009E+22	2,406679E+22	2,406697E+22	2,476063E+22	2,529824E+22	2,494627E+22	2,379924E+22	2,275382E+22	2,275369E+22	2,379887E+22	2,494571E+22
2554	2,529784E+22	2,476077E+22	2,406740E+22	2,406708E+22	2,475992E+22	2,529702E+22	2,494542E+22	2,379904E+22	2,275402E+22	2,275406E+22	2,379917E+22	2,494573E+22
2555	2,529752E+22	2,476013E+22	2,406656E+22	2,406645E+22	2,475968E+22	2,529687E+22	2,494524E+22	2,379897E+22	2,275406E+22	2,275401E+22	2,379890E+22	2,494542E+22
2556	2,529743E+22	2,476060E+22	2,406765E+22	2,406781E+22	2,476113E+22	2,529814E+22	2,494582E+22	2,379894E+22	2,275388E+22	2,275399E+22	2,379913E+22	2,494568E+22
2557	2,529744E+22	2,476023E+22	2,406706E+22	2,406710E+22	2,476009E+22	2,529706E+22	2,494515E+22	2,379848E+22	2,275346E+22	2,275369E+22	2,379901E+22	2,494565E+22
2558	2,529731E+22	2,475976E+22	2,406630E+22	2,406664E+22	2,476031E+22	2,529774E+22	2,494590E+22	2,379897E+22	2,275343E+22	2,275324E+22	2,379850E+22	2,494548E+22
2559	2,529764E+22	2,476058E+22	2,406720E+22	2,406723E+22	2,476076E+22	2,529799E+22	2,494588E+22	2,379898E+22	2,275365E+22	2,275357E+22	2,379873E+22	2,494542E+22
2560	2,529727E+22	2,475993E+22	2,406633E+22	2,406598E+22	2,475919E+22	2,529676E+22	2,494526E+22	2,379863E+22	2,275338E+22	2,275329E+22	2,379845E+22	2,494516E+22
2561	2,529702E+22	2,475968E+22	2,406637E+22	2,406661E+22	2,476018E+22	2,529772E+22	2,494590E+22	2,379888E+22	2,275334E+22	2,275317E+22	2,379840E+22	2,494525E+22
2562	2,529735E+22	2,476026E+22	2,406688E+22	2,406690E+22	2,476007E+22	2,529702E+22	2,494507E+22	2,379838E+22	2,275321E+22	2,275338E+22	2,379880E+22	2,494549E+22
2563	2,529710E+22	2,475946E+22	2,406568E+22	2,406562E+22	2,475930E+22	2,529678E+22	2,494490E+22	2,379813E+22	2,275294E+22	2,275308E+22	2,379848E+22	2,494533E+22
2564	2,529716E+22	2,475981E+22	2,406648E+22	2,406667E+22	2,476045E+22	2,529808E+22	2,494589E+22	2,379850E+22	2,275289E+22	2,275292E+22	2,379848E+22	2,494556E+22
2565	2,529756E+22	2,476009E+22	2,406648E+22	2,406642E+22	2,475961E+22	2,529684E+22	2,494506E+22	2,379820E+22	2,275282E+22	2,275288E+22	2,379837E+22	2,494536E+22
2566	2,529731E+22	2,475971E+22	2,406584E+22	2,406590E+22	2,475957E+22	2,529711E+22	2,494545E+22	2,379867E+22	2,275315E+22	2,275291E+22	2,379812E+22	2,494510E+22
2567	2,529732E+22	2,476043E+22	2,406717E+22	2,406719E+22	2,476065E+22	2,529780E+22	2,494567E+22	2,379883E+22	2,275360E+22	2,275358E+22	2,379873E+22	2,494533E+22
2568	2,529713E+22	2,475992E+22	2,406663E+22	2,406650E+22	2,475958E+22	2,529682E+22	2,494507E+22	2,379847E+22	2,275347E+22	2,275361E+22	2,379881E+22	2,494534E+22
2569	2,529694E+22	2,475951E+22	2,406631E+22	2,406676E+22	2,476042E+22	2,529792E+22	2,494608E+22	2,379913E+22	2,275374E+22	2,275367E+22	2,379883E+22	2,494554E+22
2570	2,529757E+22	2,476057E+22	2,406733E+22	2,406741E+22	2,476065E+22	2,529763E+22	2,494568E+22	2,379908E+22	2,275402E+22	2,275412E+22	2,379929E+22	2,494583E+22
2571	2,529753E+22	2,476017E+22	2,406658E+22	2,406627E+22	2,475949E+22	2,529684E+22	2,494527E+22	2,379902E+22	2,275421E+22	2,275419E+22	2,379904E+22	2,494550E+22
2572	2,529739E+22	2,476040E+22	2,406735E+22	2,406741E+22	2,476066E+22	2,529799E+22	2,494619E+22	2,379952E+22	2,275443E+22	2,275433E+22	2,379919E+22	2,494569E+22
2573	2,529773E+22	2,476086E+22	2,406782E+22	2,406782E+22	2,476050E+22	2,529703E+22	2,494517E+22	2,379894E+22	2,275426E+22	2,275443E+22	2,379936E+22	2,494566E+22
2574	2,529735E+22	2,476018E+22	2,406687E+22	2,406691E+22	2,476021E+22	2,529726E+22	2,494543E+22	2,379908E+22	2,275419E+22	2,275418E+22	2,379914E+22	2,494561E+22
2575	2,529740E+22	2,476055E+22	2,406774E+22	2,406797E+22	2,476128E+22	2,529831E+22	2,494613E+22	2,379933E+22	2,275426E+22	2,275431E+22	2,379936E+22	2,494586E+22
2576	2,529760E+22	2,476038E+22	2,406722E+22	2,406721E+22	2,476014E+22	2,529717E+22	2,494552E+22	2,379899E+22	2,275395E+22	2,275396E+22	2,379900E+22	2,494552E+22
2577	2,529726E+22	2,475991E+22	2,406649E+22	2,406667E+22	2,476028E+22	2,529776E+22	2,494614E+22	2,379949E+22	2,275413E+22	2,275381E+22	2,379868E+22	2,494527E+22
2578	2,529746E+22	2,476079E+22	2,406762E+22	2,406743E+22	2,476061E+22	2,529765E+22	2,494572E+22	2,379915E+22	2,275410E+22	2,275410E+22	2,379911E+22	2,494552E+22
2579	2,529726E+22	2,476010E+22	2,406673E+22	2,406639E+22	2,475935E+22	2,529655E+22	2,494494E+22	2,379866E+22	2,275386E+22	2,275392E+22	2,379887E+22	2,494528E+22
2580	2,529693E+22	2,475966E+22	2,406656E+22	2,406689E+22	2,476036E+22	2,529768E+22	2,494580E+22	2,379895E+22	2,275370E+22	2,275369E+22	2,379886E+22	2,494557E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2581	2,529750E+22	2,476028E+22	2,406697E+22	2,406722E+22	2,476044E+22	2,529715E+22	2,494506E+22	2,379835E+22	2,275326E+22	2,275350E+22	2,379891E+22	2,494563E+22
2582	2,529734E+22	2,475982E+22	2,406602E+22	2,406584E+22	2,475947E+22	2,529698E+22	2,494519E+22	2,379846E+22	2,275314E+22	2,275310E+22	2,379848E+22	2,494541E+22
2583	2,529729E+22	2,476015E+22	2,406693E+22	2,406693E+22	2,476039E+22	2,529788E+22	2,494597E+22	2,379894E+22	2,275349E+22	2,275336E+22	2,379858E+22	2,494547E+22
2584	2,529754E+22	2,476038E+22	2,406705E+22	2,406692E+22	2,475979E+22	2,529680E+22	2,494517E+22	2,379858E+22	2,275342E+22	2,275342E+22	2,379851E+22	2,494509E+22
2585	2,529697E+22	2,475972E+22	2,406625E+22	2,406640E+22	2,475997E+22	2,529727E+22	2,494557E+22	2,379902E+22	2,275382E+22	2,275365E+22	2,379855E+22	2,494501E+22
2586	2,529702E+22	2,476039E+22	2,406744E+22	2,406751E+22	2,476089E+22	2,529787E+22	2,494568E+22	2,379897E+22	2,275399E+22	2,275415E+22	2,379925E+22	2,494566E+22
2587	2,529727E+22	2,476003E+22	2,406685E+22	2,406677E+22	2,475983E+22	2,529695E+22	2,494518E+22	2,379880E+22	2,275405E+22	2,275419E+22	2,379917E+22	2,494555E+22
2588	2,529710E+22	2,475970E+22	2,406653E+22	2,406688E+22	2,476038E+22	2,529780E+22	2,494620E+22	2,379960E+22	2,275441E+22	2,275425E+22	2,379917E+22	2,494574E+22
2589	2,529777E+22	2,476082E+22	2,406765E+22	2,406776E+22	2,476080E+22	2,529748E+22	2,494557E+22	2,379926E+22	2,275446E+22	2,275455E+22	2,379946E+22	2,494582E+22
2590	2,529762E+22	2,476058E+22	2,406720E+22	2,406677E+22	2,475970E+22	2,529685E+22	2,494533E+22	2,379925E+22	2,275453E+22	2,275453E+22	2,379933E+22	2,494562E+22
2591	2,529734E+22	2,476054E+22	2,406782E+22	2,406791E+22	2,476085E+22	2,529782E+22	2,494604E+22	2,379970E+22	2,275489E+22	2,275486E+22	2,379958E+22	2,494586E+22
2592	2,529776E+22	2,476096E+22	2,406814E+22	2,406824E+22	2,476090E+22	2,529732E+22	2,494535E+22	2,379910E+22	2,275455E+22	2,275475E+22	2,379954E+22	2,494567E+22
2593	2,529731E+22	2,476022E+22	2,406703E+22	2,406709E+22	2,476048E+22	2,529761E+22	2,494582E+22	2,379948E+22	2,275461E+22	2,275453E+22	2,379926E+22	2,494552E+22
2594	2,529738E+22	2,476075E+22	2,406798E+22	2,406802E+22	2,476117E+22	2,529821E+22	2,494625E+22	2,379968E+22	2,275468E+22	2,275460E+22	2,379945E+22	2,494587E+22
2595	2,529771E+22	2,476070E+22	2,406762E+22	2,406744E+22	2,476011E+22	2,529696E+22	2,494541E+22	2,379934E+22	2,275464E+22	2,275451E+22	2,379911E+22	2,494532E+22
2596	2,529708E+22	2,475999E+22	2,406684E+22	2,406694E+22	2,476022E+22	2,529745E+22	2,494599E+22	2,379976E+22	2,275475E+22	2,275449E+22	2,379909E+22	2,494533E+22
2597	2,529731E+22	2,476067E+22	2,406781E+22	2,406791E+22	2,476098E+22	2,529756E+22	2,494542E+22	2,379903E+22	2,275431E+22	2,275449E+22	2,379943E+22	2,494566E+22
2598	2,529724E+22	2,476015E+22	2,406700E+22	2,406672E+22	2,475969E+22	2,529682E+22	2,494505E+22	2,379868E+22	2,275388E+22	2,275406E+22	2,379919E+22	2,494562E+22
2599	2,529706E+22	2,475973E+22	2,406674E+22	2,406706E+22	2,476042E+22	2,529767E+22	2,494592E+22	2,379923E+22	2,275402E+22	2,275398E+22	2,379908E+22	2,494580E+22
2600	2,529779E+22	2,476062E+22	2,406730E+22	2,406741E+22	2,476057E+22	2,529729E+22	2,494531E+22	2,379872E+22	2,275368E+22	2,275374E+22	2,379886E+22	2,494545E+22
2601	2,529733E+22	2,476010E+22	2,406646E+22	2,406610E+22	2,475961E+22	2,529709E+22	2,494543E+22	2,379896E+22	2,275383E+22	2,275366E+22	2,379860E+22	2,494512E+22
2602	2,529708E+22	2,476036E+22	2,406744E+22	2,406734E+22	2,476047E+22	2,529771E+22	2,494591E+22	2,379923E+22	2,275404E+22	2,275394E+22	2,379894E+22	2,494551E+22
2603	2,529745E+22	2,476048E+22	2,406749E+22	2,406746E+22	2,476015E+22	2,529676E+22	2,494499E+22	2,379880E+22	2,275409E+22	2,275413E+22	2,379894E+22	2,494518E+22
2604	2,529681E+22	2,475958E+22	2,406639E+22	2,406665E+22	2,476018E+22	2,529739E+22	2,494567E+22	2,379929E+22	2,275437E+22	2,275432E+22	2,379913E+22	2,494539E+22
2605	2,529717E+22	2,476033E+22	2,406748E+22	2,406775E+22	2,476114E+22	2,529799E+22	2,494576E+22	2,379911E+22	2,275424E+22	2,275443E+22	2,379948E+22	2,494588E+22
2606	2,529756E+22	2,476042E+22	2,406722E+22	2,406693E+22	2,475984E+22	2,529698E+22	2,494537E+22	2,379916E+22	2,275438E+22	2,275442E+22	2,379935E+22	2,494572E+22
2607	2,529731E+22	2,476011E+22	2,406707E+22	2,406717E+22	2,476027E+22	2,529746E+22	2,494607E+22	2,379996E+22	2,275506E+22	2,275482E+22	2,379941E+22	2,494576E+22
2608	2,529788E+22	2,476122E+22	2,406831E+22	2,406829E+22	2,476102E+22	2,529744E+22	2,494553E+22	2,379945E+22	2,275494E+22	2,275502E+22	2,379961E+22	2,494562E+22
2609	2,529740E+22	2,476068E+22	2,406771E+22	2,406737E+22	2,476017E+22	2,529708E+22	2,494542E+22	2,379950E+22	2,275503E+22	2,275506E+22	2,379958E+22	2,494549E+22
2610	2,529713E+22	2,476057E+22	2,406813E+22	2,406830E+22	2,476116E+22	2,529799E+22	2,494613E+22	2,379985E+22	2,275517E+22	2,275519E+22	2,379984E+22	2,494602E+22
2611	2,529785E+22	2,476107E+22	2,406837E+22	2,406852E+22	2,476115E+22	2,529750E+22	2,494553E+22	2,379953E+22	2,275512E+22	2,275516E+22	2,379965E+22	2,494562E+22
2612	2,529726E+22	2,476027E+22	2,406718E+22	2,406716E+22	2,476043E+22	2,529761E+22	2,494604E+22	2,380002E+22	2,275532E+22	2,275512E+22	2,379954E+22	2,494555E+22
2613	2,529736E+22	2,476075E+22	2,406815E+22	2,406825E+22	2,476122E+22	2,529808E+22	2,494617E+22	2,379988E+22	2,275515E+22	2,275507E+22	2,379966E+22	2,494584E+22
2614	2,529769E+22	2,476089E+22	2,406803E+22	2,406777E+22	2,476018E+22	2,529687E+22	2,494537E+22	2,379953E+22	2,275498E+22	2,275495E+22	2,379955E+22	2,494556E+22
2615	2,529706E+22	2,476001E+22	2,406711E+22	2,406728E+22	2,476030E+22	2,529720E+22	2,494568E+22	2,379981E+22	2,275517E+22	2,275505E+22	2,379959E+22	2,494569E+22
2616	2,529752E+22	2,476080E+22	2,406801E+22	2,406813E+22	2,476122E+22	2,529778E+22	2,494549E+22	2,379904E+22	2,275446E+22	2,275473E+22	2,379963E+22	2,494580E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2617	2,529740E+22	2,476034E+22	2,406726E+22	2,406693E+22	2,475989E+22	2,529708E+22	2,494536E+22	2,379899E+22	2,275416E+22	2,275425E+22	2,379920E+22	2,494554E+22
2618	2,529720E+22	2,476012E+22	2,406714E+22	2,406723E+22	2,476035E+22	2,529755E+22	2,494593E+22	2,379948E+22	2,275436E+22	2,275417E+22	2,379906E+22	2,494572E+22
2619	2,529790E+22	2,476101E+22	2,406788E+22	2,406785E+22	2,476072E+22	2,529721E+22	2,494523E+22	2,379907E+22	2,275436E+22	2,275424E+22	2,379888E+22	2,494514E+22
2620	2,529705E+22	2,476014E+22	2,406689E+22	2,406657E+22	2,475979E+22	2,529702E+22	2,494538E+22	2,379926E+22	2,275449E+22	2,275437E+22	2,379899E+22	2,494509E+22
2621	2,529679E+22	2,476006E+22	2,406754E+22	2,406782E+22	2,476090E+22	2,529782E+22	2,494580E+22	2,379928E+22	2,275439E+22	2,275442E+22	2,379928E+22	2,494563E+22
2622	2,529739E+22	2,476044E+22	2,406766E+22	2,406774E+22	2,476045E+22	2,529710E+22	2,494528E+22	2,379906E+22	2,275435E+22	2,275448E+22	2,379938E+22	2,494556E+22
2623	2,529696E+22	2,475964E+22	2,406653E+22	2,406675E+22	2,476010E+22	2,529727E+22	2,494577E+22	2,379973E+22	2,275495E+22	2,275483E+22	2,379948E+22	2,494570E+22
2624	2,529755E+22	2,476074E+22	2,406782E+22	2,406785E+22	2,476110E+22	2,529802E+22	2,494592E+22	2,379950E+22	2,275481E+22	2,275487E+22	2,379959E+22	2,494582E+22
2625	2,529767E+22	2,476085E+22	2,406782E+22	2,406733E+22	2,475993E+22	2,529696E+22	2,494548E+22	2,379956E+22	2,275504E+22	2,275502E+22	2,379952E+22	2,494553E+22
2626	2,529725E+22	2,476048E+22	2,406772E+22	2,406772E+22	2,476039E+22	2,529722E+22	2,494583E+22	2,380007E+22	2,275553E+22	2,275537E+22	2,379975E+22	2,494584E+22
2627	2,529788E+22	2,476142E+22	2,406885E+22	2,406896E+22	2,476150E+22	2,529752E+22	2,494534E+22	2,379960E+22	2,275551E+22	2,275559E+22	2,379990E+22	2,494563E+22
2628	2,529726E+22	2,476060E+22	2,406791E+22	2,406774E+22	2,476050E+22	2,529735E+22	2,494562E+22	2,379977E+22	2,275550E+22	2,275559E+22	2,379997E+22	2,494569E+22
2629	2,529715E+22	2,476044E+22	2,406816E+22	2,406856E+22	2,476141E+22	2,529817E+22	2,494633E+22	2,380013E+22	2,275547E+22	2,275541E+22	2,379992E+22	2,494604E+22
2630	2,529797E+22	2,476134E+22	2,406870E+22	2,406869E+22	2,476116E+22	2,529757E+22	2,494578E+22	2,379996E+22	2,275554E+22	2,275547E+22	2,379984E+22	2,494567E+22
2631	2,529726E+22	2,476044E+22	2,406754E+22	2,406739E+22	2,476025E+22	2,529726E+22	2,494592E+22	2,380036E+22	2,275600E+22	2,275578E+22	2,379988E+22	2,494562E+22
2632	2,529741E+22	2,476096E+22	2,406851E+22	2,406855E+22	2,476133E+22	2,529806E+22	2,494607E+22	2,379996E+22	2,275555E+22	2,275557E+22	2,379994E+22	2,494581E+22
2633	2,529756E+22	2,476093E+22	2,406832E+22	2,406815E+22	2,476049E+22	2,529704E+22	2,494540E+22	2,379963E+22	2,275533E+22	2,275541E+22	2,379984E+22	2,494563E+22
2634	2,529712E+22	2,476015E+22	2,406732E+22	2,406753E+22	2,476046E+22	2,529725E+22	2,494565E+22	2,379982E+22	2,275531E+22	2,275526E+22	2,379982E+22	2,494595E+22
2635	2,529782E+22	2,476109E+22	2,406832E+22	2,406842E+22	2,476137E+22	2,529781E+22	2,494551E+22	2,379935E+22	2,275490E+22	2,275495E+22	2,379959E+22	2,494569E+22
2636	2,529741E+22	2,476052E+22	2,406753E+22	2,406714E+22	2,475990E+22	2,529710E+22	2,494552E+22	2,379942E+22	2,275475E+22	2,275471E+22	2,379932E+22	2,494544E+22
2637	2,529710E+22	2,476013E+22	2,406744E+22	2,406764E+22	2,476050E+22	2,529752E+22	2,494593E+22	2,379967E+22	2,275475E+22	2,275453E+22	2,379913E+22	2,494551E+22
2638	2,529771E+22	2,476113E+22	2,406831E+22	2,406831E+22	2,476091E+22	2,529726E+22	2,494529E+22	2,379930E+22	2,275475E+22	2,275473E+22	2,379929E+22	2,494524E+22
2639	2,529687E+22	2,476002E+22	2,406706E+22	2,406692E+22	2,475995E+22	2,529695E+22	2,494529E+22	2,379949E+22	2,275508E+22	2,275507E+22	2,379954E+22	2,494543E+22
2640	2,529697E+22	2,476013E+22	2,406760E+22	2,406790E+22	2,476106E+22	2,529812E+22	2,494601E+22	2,379946E+22	2,275474E+22	2,275484E+22	2,379958E+22	2,494580E+22
2641	2,529757E+22	2,476066E+22	2,406788E+22	2,406788E+22	2,476050E+22	2,529724E+22	2,494557E+22	2,379953E+22	2,275490E+22	2,275490E+22	2,379952E+22	2,494557E+22
2642	2,529722E+22	2,476014E+22	2,406701E+22	2,406700E+22	2,475997E+22	2,529697E+22	2,494562E+22	2,379997E+22	2,275545E+22	2,275525E+22	2,379964E+22	2,494574E+22
2643	2,529776E+22	2,476126E+22	2,406855E+22	2,406843E+22	2,476120E+22	2,529774E+22	2,494568E+22	2,379979E+22	2,275551E+22	2,275546E+22	2,379975E+22	2,494560E+22
2644	2,529745E+22	2,476098E+22	2,406839E+22	2,406801E+22	2,476026E+22	2,529696E+22	2,494540E+22	2,379977E+22	2,275562E+22	2,275571E+22	2,379995E+22	2,494554E+22
2645	2,529702E+22	2,476031E+22	2,406799E+22	2,406836E+22	2,476095E+22	2,529749E+22	2,494582E+22	2,380006E+22	2,275577E+22	2,275573E+22	2,380000E+22	2,494589E+22
2646	2,529783E+22	2,476146E+22	2,406910E+22	2,406933E+22	2,476189E+22	2,529797E+22	2,494575E+22	2,379990E+22	2,275576E+22	2,275590E+22	2,380024E+22	2,494585E+22
2647	2,529732E+22	2,476063E+22	2,406802E+22	2,406791E+22	2,476053E+22	2,529738E+22	2,494585E+22	2,380031E+22	2,275617E+22	2,275613E+22	2,380027E+22	2,494588E+22
2648	2,529740E+22	2,476071E+22	2,406830E+22	2,406855E+22	2,476137E+22	2,529830E+22	2,494657E+22	2,380056E+22	2,275610E+22	2,275593E+22	2,380008E+22	2,494594E+22
2649	2,529794E+22	2,476158E+22	2,406910E+22	2,406897E+22	2,476116E+22	2,529751E+22	2,494592E+22	2,380039E+22	2,275622E+22	2,275611E+22	2,380011E+22	2,494559E+22
2650	2,529725E+22	2,476070E+22	2,406796E+22	2,406776E+22	2,476022E+22	2,529688E+22	2,494556E+22	2,380037E+22	2,275639E+22	2,275631E+22	2,380033E+22	2,494586E+22
2651	2,529753E+22	2,476116E+22	2,406889E+22	2,406899E+22	2,476156E+22	2,529798E+22	2,494582E+22	2,379998E+22	2,275594E+22	2,275601E+22	2,380023E+22	2,494593E+22
2652	2,529759E+22	2,476098E+22	2,406849E+22	2,406842E+22	2,476069E+22	2,529720E+22	2,494550E+22	2,379971E+22	2,275553E+22	2,275570E+22	2,380008E+22	2,494579E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2653	2,529723E+22	2,476020E+22	2,406746E+22	2,406777E+22	2,476058E+22	2,529730E+22	2,494571E+22	2,379990E+22	2,275540E+22	2,275526E+22	2,379968E+22	2,494583E+22
2654	2,529792E+22	2,476146E+22	2,406875E+22	2,406871E+22	2,476143E+22	2,529788E+22	2,494571E+22	2,379964E+22	2,275520E+22	2,275516E+22	2,379961E+22	2,494552E+22
2655	2,529727E+22	2,476066E+22	2,406794E+22	2,406755E+22	2,475991E+22	2,529686E+22	2,494544E+22	2,379974E+22	2,275539E+22	2,275531E+22	2,379958E+22	2,494535E+22
2656	2,529696E+22	2,476018E+22	2,406767E+22	2,406796E+22	2,476077E+22	2,529768E+22	2,494597E+22	2,379985E+22	2,275523E+22	2,275508E+22	2,379940E+22	2,494538E+22
2657	2,529742E+22	2,476101E+22	2,406851E+22	2,406868E+22	2,476126E+22	2,529755E+22	2,494553E+22	2,379960E+22	2,275525E+22	2,275528E+22	2,379962E+22	2,494532E+22
2658	2,529690E+22	2,476009E+22	2,406717E+22	2,406709E+22	2,476000E+22	2,529694E+22	2,494533E+22	2,379968E+22	2,275546E+22	2,275552E+22	2,379993E+22	2,494575E+22
2659	2,529730E+22	2,476049E+22	2,406791E+22	2,406812E+22	2,476106E+22	2,529799E+22	2,494604E+22	2,379989E+22	2,275540E+22	2,275532E+22	2,379975E+22	2,494581E+22
2660	2,529769E+22	2,476097E+22	2,406826E+22	2,406813E+22	2,476050E+22	2,529716E+22	2,494562E+22	2,379989E+22	2,275556E+22	2,275556E+22	2,379986E+22	2,494562E+22
2661	2,529722E+22	2,476033E+22	2,406751E+22	2,406756E+22	2,476015E+22	2,529685E+22	2,494548E+22	2,380005E+22	2,275584E+22	2,275570E+22	2,379987E+22	2,494571E+22
2662	2,529772E+22	2,476153E+22	2,406915E+22	2,406912E+22	2,476158E+22	2,529782E+22	2,494568E+22	2,379991E+22	2,275585E+22	2,275597E+22	2,380021E+22	2,494575E+22
2663	2,529734E+22	2,476095E+22	2,406867E+22	2,406854E+22	2,476064E+22	2,529709E+22	2,494543E+22	2,379998E+22	2,275613E+22	2,275632E+22	2,380043E+22	2,494583E+22
2664	2,529719E+22	2,476044E+22	2,406809E+22	2,406851E+22	2,476125E+22	2,529798E+22	2,494623E+22	2,380037E+22	2,275611E+22	2,275607E+22	2,380018E+22	2,494590E+22
2665	2,529788E+22	2,476167E+22	2,406935E+22	2,406950E+22	2,476195E+22	2,529817E+22	2,494621E+22	2,380052E+22	2,275639E+22	2,275631E+22	2,380026E+22	2,494576E+22
2666	2,529748E+22	2,476103E+22	2,406840E+22	2,406810E+22	2,476039E+22	2,529709E+22	2,494580E+22	2,380066E+22	2,275680E+22	2,275667E+22	2,380049E+22	2,494590E+22
2667	2,529753E+22	2,476111E+22	2,406885E+22	2,406897E+22	2,476136E+22	2,529792E+22	2,494632E+22	2,380085E+22	2,275679E+22	2,275654E+22	2,380031E+22	2,494578E+22
2668	2,529771E+22	2,476160E+22	2,406941E+22	2,406940E+22	2,476136E+22	2,529741E+22	2,494576E+22	2,380048E+22	2,275668E+22	2,275675E+22	2,380060E+22	2,494574E+22
2669	2,529710E+22	2,476055E+22	2,406815E+22	2,406821E+22	2,476058E+22	2,529699E+22	2,494544E+22	2,380020E+22	2,275640E+22	2,275649E+22	2,380053E+22	2,494599E+22
2670	2,529762E+22	2,476132E+22	2,406916E+22	2,406928E+22	2,476176E+22	2,529817E+22	2,494603E+22	2,380008E+22	2,275598E+22	2,275615E+22	2,380044E+22	2,494606E+22
2671	2,529767E+22	2,476111E+22	2,406867E+22	2,406862E+22	2,476073E+22	2,529716E+22	2,494563E+22	2,380009E+22	2,275601E+22	2,275604E+22	2,380019E+22	2,494581E+22
2672	2,529738E+22	2,476052E+22	2,406770E+22	2,406786E+22	2,476066E+22	2,529749E+22	2,494593E+22	2,380021E+22	2,275584E+22	2,275560E+22	2,379966E+22	2,494551E+22
2673	2,529768E+22	2,476160E+22	2,406917E+22	2,406909E+22	2,476156E+22	2,529792E+22	2,494593E+22	2,380009E+22	2,275582E+22	2,275570E+22	2,379974E+22	2,494533E+22
2674	2,529712E+22	2,476073E+22	2,406822E+22	2,406794E+22	2,476007E+22	2,529666E+22	2,494524E+22	2,379987E+22	2,275588E+22	2,275592E+22	2,380005E+22	2,494557E+22
2675	2,529700E+22	2,476025E+22	2,406786E+22	2,406827E+22	2,476099E+22	2,529766E+22	2,494591E+22	2,380007E+22	2,275575E+22	2,275564E+22	2,379982E+22	2,494557E+22
2676	2,529741E+22	2,476098E+22	2,406853E+22	2,406879E+22	2,476136E+22	2,529767E+22	2,494574E+22	2,379989E+22	2,275566E+22	2,275579E+22	2,380007E+22	2,494562E+22
2677	2,529706E+22	2,476024E+22	2,406741E+22	2,406731E+22	2,475999E+22	2,529683E+22	2,494533E+22	2,379982E+22	2,275572E+22	2,275573E+22	2,380000E+22	2,494579E+22
2678	2,529753E+22	2,476101E+22	2,406853E+22	2,406851E+22	2,476107E+22	2,529785E+22	2,494604E+22	2,380009E+22	2,275579E+22	2,275577E+22	2,380001E+22	2,494577E+22
2679	2,529766E+22	2,476127E+22	2,406883E+22	2,406872E+22	2,476066E+22	2,529694E+22	2,494546E+22	2,380010E+22	2,275616E+22	2,275621E+22	2,380022E+22	2,494565E+22
2680	2,529721E+22	2,476055E+22	2,406790E+22	2,406803E+22	2,476062E+22	2,529716E+22	2,494556E+22	2,380018E+22	2,275622E+22	2,275617E+22	2,380012E+22	2,494562E+22
2681	2,529752E+22	2,476154E+22	2,406949E+22	2,406964E+22	2,476207E+22	2,529826E+22	2,494610E+22	2,380031E+22	2,275633E+22	2,275640E+22	2,380039E+22	2,494580E+22
2682	2,529743E+22	2,476109E+22	2,406886E+22	2,406880E+22	2,476080E+22	2,529713E+22	2,494563E+22	2,380037E+22	2,275662E+22	2,275675E+22	2,380069E+22	2,494601E+22
2683	2,529741E+22	2,476075E+22	2,406838E+22	2,406869E+22	2,476126E+22	2,529788E+22	2,494640E+22	2,380100E+22	2,275691E+22	2,275662E+22	2,380034E+22	2,494579E+22
2684	2,529779E+22	2,476183E+22	2,406965E+22	2,406970E+22	2,476193E+22	2,529809E+22	2,494632E+22	2,380095E+22	2,275712E+22	2,275705E+22	2,380067E+22	2,494576E+22
2685	2,529732E+22	2,476109E+22	2,406881E+22	2,406851E+22	2,476041E+22	2,529679E+22	2,494555E+22	2,380070E+22	2,275717E+22	2,275717E+22	2,380081E+22	2,494595E+22
2686	2,529749E+22	2,476130E+22	2,406933E+22	2,406947E+22	2,476159E+22	2,529780E+22	2,494613E+22	2,380081E+22	2,275705E+22	2,275707E+22	2,380084E+22	2,494603E+22
2687	2,529770E+22	2,476160E+22	2,406959E+22	2,406974E+22	2,476162E+22	2,529743E+22	2,494565E+22	2,380048E+22	2,275695E+22	2,275718E+22	2,380101E+22	2,494608E+22
2688	2,529738E+22	2,476078E+22	2,406826E+22	2,406828E+22	2,476081E+22	2,529735E+22	2,494570E+22	2,380033E+22	2,275649E+22	2,275656E+22	2,380052E+22	2,494596E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2689	2,529769E+22	2,476159E+22	2,406951E+22	2,406953E+22	2,476187E+22	2,529830E+22	2,494639E+22	2,380055E+22	2,275638E+22	2,275628E+22	2,380024E+22	2,494585E+22
2690	2,529773E+22	2,476143E+22	2,406908E+22	2,406891E+22	2,476073E+22	2,529693E+22	2,494556E+22	2,380035E+22	2,275650E+22	2,275645E+22	2,380028E+22	2,494565E+22
2691	2,529729E+22	2,476076E+22	2,406818E+22	2,406829E+22	2,476080E+22	2,529729E+22	2,494586E+22	2,380057E+22	2,275648E+22	2,275617E+22	2,379988E+22	2,494528E+22
2692	2,529725E+22	2,476140E+22	2,406932E+22	2,406944E+22	2,476188E+22	2,529802E+22	2,494596E+22	2,380030E+22	2,275633E+22	2,275637E+22	2,380027E+22	2,494548E+22
2693	2,529688E+22	2,476048E+22	2,406828E+22	2,406821E+22	2,476033E+22	2,529679E+22	2,494527E+22	2,379990E+22	2,275607E+22	2,275624E+22	2,380038E+22	2,494583E+22
2694	2,529718E+22	2,476042E+22	2,406806E+22	2,406842E+22	2,476105E+22	2,529769E+22	2,494609E+22	2,380030E+22	2,275603E+22	2,275602E+22	2,380020E+22	2,494584E+22
2695	2,529763E+22	2,476121E+22	2,406873E+22	2,406890E+22	2,476129E+22	2,529750E+22	2,494579E+22	2,380028E+22	2,275627E+22	2,275633E+22	2,380038E+22	2,494583E+22
2696	2,529737E+22	2,476072E+22	2,406784E+22	2,406750E+22	2,476009E+22	2,529692E+22	2,494543E+22	2,380006E+22	2,275614E+22	2,275614E+22	2,380013E+22	2,494565E+22
2697	2,529745E+22	2,476135E+22	2,406920E+22	2,406910E+22	2,476129E+22	2,529780E+22	2,494613E+22	2,380045E+22	2,275635E+22	2,275626E+22	2,380016E+22	2,494571E+22
2698	2,529764E+22	2,476147E+22	2,406930E+22	2,406931E+22	2,476106E+22	2,529689E+22	2,494530E+22	2,380022E+22	2,275663E+22	2,275678E+22	2,380063E+22	2,494583E+22
2699	2,529729E+22	2,476075E+22	2,406829E+22	2,406848E+22	2,476100E+22	2,529730E+22	2,494570E+22	2,380051E+22	2,275672E+22	2,275664E+22	2,380038E+22	2,494563E+22
2700	2,529740E+22	2,476149E+22	2,406959E+22	2,406982E+22	2,476225E+22	2,529847E+22	2,494646E+22	2,380081E+22	2,275689E+22	2,275691E+22	2,380070E+22	2,494589E+22
2701	2,529740E+22	2,476119E+22	2,406915E+22	2,406903E+22	2,476082E+22	2,529705E+22	2,494573E+22	2,380072E+22	2,275710E+22	2,275710E+22	2,380079E+22	2,494597E+22
2702	2,529748E+22	2,476113E+22	2,406893E+22	2,406902E+22	2,476123E+22	2,529764E+22	2,494634E+22	2,380124E+22	2,275745E+22	2,275727E+22	2,380073E+22	2,494578E+22
2703	2,529765E+22	2,476191E+22	2,407005E+22	2,407011E+22	2,476202E+22	2,529782E+22	2,494610E+22	2,380114E+22	2,275772E+22	2,275778E+22	2,380120E+22	2,494596E+22
2704	2,529735E+22	2,476122E+22	2,406908E+22	2,406884E+22	2,476081E+22	2,529704E+22	2,494550E+22	2,380065E+22	2,275737E+22	2,275753E+22	2,380111E+22	2,494602E+22
2705	2,529743E+22	2,476137E+22	2,406964E+22	2,406987E+22	2,476193E+22	2,529806E+22	2,494637E+22	2,380103E+22	2,275729E+22	2,275727E+22	2,380093E+22	2,494617E+22
2706	2,529795E+22	2,476180E+22	2,406979E+22	2,406994E+22	2,476178E+22	2,529744E+22	2,494573E+22	2,380073E+22	2,275725E+22	2,275740E+22	2,380111E+22	2,494620E+22
2707	2,529763E+22	2,476117E+22	2,406864E+22	2,406848E+22	2,476086E+22	2,529728E+22	2,494586E+22	2,380084E+22	2,275707E+22	2,275689E+22	2,380049E+22	2,494570E+22
2708	2,529749E+22	2,476166E+22	2,406979E+22	2,406976E+22	2,476194E+22	2,529831E+22	2,494657E+22	2,380100E+22	2,275700E+22	2,275685E+22	2,380050E+22	2,494571E+22
2709	2,529741E+22	2,476136E+22	2,406945E+22	2,406932E+22	2,476086E+22	2,529677E+22	2,494543E+22	2,380049E+22	2,275686E+22	2,275687E+22	2,380055E+22	2,494566E+22
2710	2,529716E+22	2,476078E+22	2,406849E+22	2,406864E+22	2,476104E+22	2,529729E+22	2,494577E+22	2,380060E+22	2,275683E+22	2,275678E+22	2,380045E+22	2,494554E+22
2711	2,529721E+22	2,476126E+22	2,406932E+22	2,406955E+22	2,476203E+22	2,529809E+22	2,494600E+22	2,380045E+22	2,275670E+22	2,275689E+22	2,380078E+22	2,494592E+22
2712	2,529723E+22	2,476072E+22	2,406833E+22	2,406811E+22	2,476040E+22	2,529701E+22	2,494547E+22	2,380011E+22	2,275629E+22	2,275643E+22	2,380049E+22	2,494592E+22
2713	2,529739E+22	2,476084E+22	2,406856E+22	2,406869E+22	2,476105E+22	2,529759E+22	2,494624E+22	2,380075E+22	2,275655E+22	2,275628E+22	2,380013E+22	2,494579E+22
2714	2,529787E+22	2,476169E+22	2,406934E+22	2,406932E+22	2,476130E+22	2,529714E+22	2,494553E+22	2,380044E+22	2,275677E+22	2,275680E+22	2,380055E+22	2,494577E+22
2715	2,529738E+22	2,476109E+22	2,406853E+22	2,406814E+22	2,476036E+22	2,529675E+22	2,494532E+22	2,380036E+22	2,275669E+22	2,275667E+22	2,380034E+22	2,494544E+22
2716	2,529707E+22	2,476124E+22	2,406954E+22	2,406966E+22	2,476183E+22	2,529808E+22	2,494626E+22	2,380069E+22	2,275681E+22	2,275682E+22	2,380056E+22	2,494575E+22
2717	2,529736E+22	2,476129E+22	2,406954E+22	2,406971E+22	2,476143E+22	2,529713E+22	2,494547E+22	2,380040E+22	2,275690E+22	2,275709E+22	2,380084E+22	2,494593E+22
2718	2,529734E+22	2,476089E+22	2,406857E+22	2,406872E+22	2,476116E+22	2,529745E+22	2,494598E+22	2,380092E+22	2,275725E+22	2,275720E+22	2,380074E+22	2,494575E+22
2719	2,529743E+22	2,476157E+22	2,406976E+22	2,406992E+22	2,476225E+22	2,529841E+22	2,494658E+22	2,380132E+22	2,275767E+22	2,275762E+22	2,380111E+22	2,494606E+22
2720	2,529757E+22	2,476149E+22	2,406945E+22	2,406916E+22	2,476089E+22	2,529709E+22	2,494579E+22	2,380102E+22	2,275766E+22	2,275767E+22	2,380109E+22	2,494595E+22
2721	2,529742E+22	2,476135E+22	2,406949E+22	2,406954E+22	2,476139E+22	2,529749E+22	2,494630E+22	2,380154E+22	2,275801E+22	2,275780E+22	2,380104E+22	2,494596E+22
2722	2,529779E+22	2,476207E+22	2,407039E+22	2,407053E+22	2,476227E+22	2,529769E+22	2,494583E+22	2,380111E+22	2,275805E+22	2,275828E+22	2,380165E+22	2,494630E+22
2723	2,529760E+22	2,476148E+22	2,406945E+22	2,406919E+22	2,476105E+22	2,529714E+22	2,494564E+22	2,380088E+22	2,275763E+22	2,275778E+22	2,380126E+22	2,494608E+22
2724	2,529747E+22	2,476148E+22	2,406984E+22	2,407006E+22	2,476209E+22	2,529824E+22	2,494666E+22	2,380141E+22	2,275765E+22	2,275751E+22	2,380100E+22	2,494614E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2725	2,529791E+22	2,476200E+22	2,407019E+22	2,407020E+22	2,476182E+22	2,529738E+22	2,494576E+22	2,380099E+22	2,275760E+22	2,275757E+22	2,380099E+22	2,494597E+22
2726	2,529759E+22	2,476147E+22	2,406921E+22	2,406889E+22	2,476095E+22	2,529716E+22	2,494580E+22	2,380103E+22	2,275758E+22	2,275746E+22	2,380074E+22	2,494552E+22
2727	2,529717E+22	2,476151E+22	2,406999E+22	2,407010E+22	2,476212E+22	2,529822E+22	2,494647E+22	2,380123E+22	2,275759E+22	2,275752E+22	2,380096E+22	2,494585E+22
2728	2,529731E+22	2,476128E+22	2,406950E+22	2,406950E+22	2,476123E+22	2,529709E+22	2,494552E+22	2,380059E+22	2,275714E+22	2,275725E+22	2,380086E+22	2,494579E+22
2729	2,529712E+22	2,476077E+22	2,406868E+22	2,406886E+22	2,476117E+22	2,529741E+22	2,494599E+22	2,380093E+22	2,275717E+22	2,275704E+22	2,380062E+22	2,494581E+22
2730	2,529755E+22	2,476146E+22	2,406945E+22	2,406960E+22	2,476195E+22	2,529793E+22	2,494598E+22	2,380072E+22	2,275714E+22	2,275726E+22	2,380100E+22	2,494614E+22
2731	2,529760E+22	2,476122E+22	2,406883E+22	2,406836E+22	2,476036E+22	2,529682E+22	2,494550E+22	2,380050E+22	2,275681E+22	2,275681E+22	2,380053E+22	2,494574E+22
2732	2,529729E+22	2,476104E+22	2,406903E+22	2,406908E+22	2,476115E+22	2,529750E+22	2,494621E+22	2,380103E+22	2,275709E+22	2,275684E+22	2,380040E+22	2,494569E+22
2733	2,529762E+22	2,476176E+22	2,406990E+22	2,406992E+22	2,476161E+22	2,529706E+22	2,494533E+22	2,380050E+22	2,275710E+22	2,275719E+22	2,380078E+22	2,494578E+22
2734	2,529730E+22	2,476118E+22	2,406900E+22	2,406872E+22	2,476082E+22	2,529691E+22	2,494527E+22	2,380039E+22	2,275708E+22	2,275728E+22	2,380080E+22	2,494559E+22
2735	2,529697E+22	2,476106E+22	2,406957E+22	2,406988E+22	2,476211E+22	2,529835E+22	2,494651E+22	2,380105E+22	2,275731E+22	2,275736E+22	2,380098E+22	2,494604E+22
2736	2,529758E+22	2,476147E+22	2,406962E+22	2,406973E+22	2,476160E+22	2,529745E+22	2,494582E+22	2,380085E+22	2,275736E+22	2,275740E+22	2,380094E+22	2,494591E+22
2737	2,529742E+22	2,476120E+22	2,406905E+22	2,406900E+22	2,476111E+22	2,529737E+22	2,494618E+22	2,380149E+22	2,275797E+22	2,275766E+22	2,380082E+22	2,494576E+22
2738	2,529761E+22	2,476189E+22	2,407021E+22	2,407025E+22	2,476221E+22	2,529807E+22	2,494635E+22	2,380155E+22	2,275833E+22	2,275832E+22	2,380149E+22	2,494616E+22
2739	2,529767E+22	2,476182E+22	2,407003E+22	2,406969E+22	2,476107E+22	2,529691E+22	2,494566E+22	2,380126E+22	2,275818E+22	2,275825E+22	2,380143E+22	2,494596E+22
2740	2,529725E+22	2,476131E+22	2,406978E+22	2,407001E+22	2,476179E+22	2,529767E+22	2,494631E+22	2,380168E+22	2,275839E+22	2,275830E+22	2,380145E+22	2,494614E+22
2741	2,529774E+22	2,476210E+22	2,407070E+22	2,407087E+22	2,476250E+22	2,529782E+22	2,494590E+22	2,380122E+22	2,275820E+22	2,275842E+22	2,380174E+22	2,494641E+22
2742	2,529779E+22	2,476178E+22	2,406986E+22	2,406951E+22	2,476120E+22	2,529724E+22	2,494578E+22	2,380115E+22	2,275805E+22	2,275818E+22	2,380140E+22	2,494602E+22
2743	2,529744E+22	2,476158E+22	2,407007E+22	2,407023E+22	2,476213E+22	2,529826E+22	2,494680E+22	2,380183E+22	2,275828E+22	2,275804E+22	2,380119E+22	2,494608E+22
2744	2,529791E+22	2,476220E+22	2,407045E+22	2,407039E+22	2,476196E+22	2,529749E+22	2,494585E+22	2,380126E+22	2,275806E+22	2,275800E+22	2,380114E+22	2,494579E+22
2745	2,529735E+22	2,476151E+22	2,406962E+22	2,406938E+22	2,476115E+22	2,529713E+22	2,494581E+22	2,380135E+22	2,275812E+22	2,275794E+22	2,380102E+22	2,494569E+22
2746	2,529724E+22	2,476145E+22	2,407006E+22	2,407033E+22	2,476229E+22	2,529817E+22	2,494626E+22	2,380122E+22	2,275794E+22	2,275805E+22	2,380143E+22	2,494620E+22
2747	2,529757E+22	2,476143E+22	2,406965E+22	2,406962E+22	2,476123E+22	2,529711E+22	2,494567E+22	2,380086E+22	2,275743E+22	2,275754E+22	2,380106E+22	2,494592E+22
2748	2,529723E+22	2,476090E+22	2,406884E+22	2,406898E+22	2,476117E+22	2,529741E+22	2,494611E+22	2,380125E+22	2,275757E+22	2,275734E+22	2,380075E+22	2,494583E+22
2749	2,529760E+22	2,476179E+22	2,406997E+22	2,406987E+22	2,476185E+22	2,529766E+22	2,494579E+22	2,380084E+22	2,275745E+22	2,275749E+22	2,380097E+22	2,494598E+22
2750	2,529762E+22	2,476161E+22	2,406953E+22	2,406897E+22	2,476054E+22	2,529669E+22	2,494530E+22	2,380054E+22	2,275727E+22	2,275741E+22	2,380079E+22	2,494557E+22
2751	2,529701E+22	2,476099E+22	2,406936E+22	2,406961E+22	2,476154E+22	2,529761E+22	2,494615E+22	2,380117E+22	2,275757E+22	2,275742E+22	2,380078E+22	2,494578E+22
2752	2,529753E+22	2,476172E+22	2,407001E+22	2,407024E+22	2,476215E+22	2,529758E+22	2,494556E+22	2,380067E+22	2,275739E+22	2,275752E+22	2,380098E+22	2,494580E+22
2753	2,529724E+22	2,476119E+22	2,406925E+22	2,406909E+22	2,476108E+22	2,529722E+22	2,494571E+22	2,380095E+22	2,275762E+22	2,275759E+22	2,380095E+22	2,494580E+22
2754	2,529724E+22	2,476119E+22	2,406965E+22	2,406995E+22	2,476208E+22	2,529829E+22	2,494665E+22	2,380154E+22	2,275803E+22	2,275796E+22	2,380129E+22	2,494620E+22
2755	2,529783E+22	2,476188E+22	2,407007E+22	2,406994E+22	2,476146E+22	2,529730E+22	2,494601E+22	2,380144E+22	2,275813E+22	2,275806E+22	2,380120E+22	2,494583E+22
2756	2,529732E+22	2,476139E+22	2,406952E+22	2,406940E+22	2,476114E+22	2,529720E+22	2,494614E+22	2,380185E+22	2,275867E+22	2,275842E+22	2,380130E+22	2,494581E+22
2757	2,529747E+22	2,476205E+22	2,407076E+22	2,407077E+22	2,476236E+22	2,529786E+22	2,494604E+22	2,380155E+22	2,275871E+22	2,275883E+22	2,380188E+22	2,494635E+22
2758	2,529779E+22	2,476206E+22	2,407054E+22	2,407028E+22	2,476148E+22	2,529703E+22	2,494550E+22	2,380116E+22	2,275849E+22	2,275882E+22	2,380187E+22	2,494616E+22
2759	2,529734E+22	2,476136E+22	2,406991E+22	2,407024E+22	2,476203E+22	2,529789E+22	2,494648E+22	2,380190E+22	2,275872E+22	2,275865E+22	2,380171E+22	2,494636E+22
2760	2,529802E+22	2,476241E+22	2,407090E+22	2,407102E+22	2,476271E+22	2,529810E+22	2,494618E+22	2,380156E+22	2,275853E+22	2,275855E+22	2,380164E+22	2,494623E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2761	2,529779E+22	2,476209E+22	2,407041E+22	2,406997E+22	2,476127E+22	2,529718E+22	2,494593E+22	2,380162E+22	2,275862E+22	2,275847E+22	2,380135E+22	2,494587E+22
2762	2,529741E+22	2,476168E+22	2,407037E+22	2,407058E+22	2,476219E+22	2,529806E+22	2,494665E+22	2,380205E+22	2,275886E+22	2,275867E+22	2,380151E+22	2,494603E+22
2763	2,529778E+22	2,476227E+22	2,407080E+22	2,407081E+22	2,476214E+22	2,529749E+22	2,494589E+22	2,380149E+22	2,275850E+22	2,275852E+22	2,380144E+22	2,494574E+22
2764	2,529706E+22	2,476128E+22	2,406965E+22	2,406962E+22	2,476137E+22	2,529729E+22	2,494590E+22	2,380151E+22	2,275847E+22	2,275841E+22	2,380141E+22	2,494586E+22
2765	2,529720E+22	2,476146E+22	2,407017E+22	2,407039E+22	2,476225E+22	2,529814E+22	2,494629E+22	2,380135E+22	2,275814E+22	2,275824E+22	2,380157E+22	2,494638E+22
2766	2,529787E+22	2,476179E+22	2,406997E+22	2,406983E+22	2,476124E+22	2,529702E+22	2,494561E+22	2,380099E+22	2,275786E+22	2,275800E+22	2,380126E+22	2,494592E+22
2767	2,529731E+22	2,476111E+22	2,406911E+22	2,406917E+22	2,476116E+22	2,529732E+22	2,494608E+22	2,380148E+22	2,275808E+22	2,275785E+22	2,380100E+22	2,494585E+22
2768	2,529767E+22	2,476206E+22	2,407035E+22	2,407025E+22	2,476207E+22	2,529772E+22	2,494579E+22	2,380099E+22	2,275779E+22	2,275783E+22	2,380109E+22	2,494583E+22
2769	2,529744E+22	2,476172E+22	2,407006E+22	2,406966E+22	2,476091E+22	2,529678E+22	2,494534E+22	2,380078E+22	2,275771E+22	2,275777E+22	2,380101E+22	2,494571E+22
2770	2,529706E+22	2,476095E+22	2,406947E+22	2,406992E+22	2,476184E+22	2,529779E+22	2,494620E+22	2,380133E+22	2,275800E+22	2,275795E+22	2,380117E+22	2,494598E+22
2771	2,529771E+22	2,476192E+22	2,407023E+22	2,407042E+22	2,476220E+22	2,529778E+22	2,494599E+22	2,380118E+22	2,275787E+22	2,275790E+22	2,380115E+22	2,494580E+22
2772	2,529725E+22	2,476132E+22	2,406946E+22	2,406928E+22	2,476108E+22	2,529723E+22	2,494596E+22	2,380153E+22	2,275834E+22	2,275815E+22	2,380117E+22	2,494576E+22
2773	2,529724E+22	2,476153E+22	2,407015E+22	2,407022E+22	2,476192E+22	2,529797E+22	2,494649E+22	2,380181E+22	2,275863E+22	2,275851E+22	2,380150E+22	2,494616E+22
2774	2,529788E+22	2,476224E+22	2,407072E+22	2,407054E+22	2,476162E+22	2,529707E+22	2,494571E+22	2,380150E+22	2,275876E+22	2,275891E+22	2,380170E+22	2,494585E+22
2775	2,529717E+22	2,476140E+22	2,406986E+22	2,406992E+22	2,476151E+22	2,529724E+22	2,494599E+22	2,380190E+22	2,275912E+22	2,275907E+22	2,380185E+22	2,494610E+22
2776	2,529757E+22	2,476216E+22	2,407097E+22	2,407114E+22	2,476279E+22	2,529819E+22	2,494616E+22	2,380161E+22	2,275889E+22	2,275909E+22	2,380207E+22	2,494644E+22
2777	2,529786E+22	2,476225E+22	2,407092E+22	2,407076E+22	2,476179E+22	2,529729E+22	2,494584E+22	2,380158E+22	2,275886E+22	2,275898E+22	2,380191E+22	2,494631E+22
2778	2,529761E+22	2,476161E+22	2,407013E+22	2,407045E+22	2,476213E+22	2,529791E+22	2,494658E+22	2,380225E+22	2,275927E+22	2,275908E+22	2,380182E+22	2,494630E+22
2779	2,529811E+22	2,476276E+22	2,407135E+22	2,407128E+22	2,476264E+22	2,529808E+22	2,494646E+22	2,380206E+22	2,275913E+22	2,275903E+22	2,380174E+22	2,494597E+22
2780	2,529749E+22	2,476208E+22	2,407073E+22	2,407039E+22	2,476142E+22	2,529714E+22	2,494602E+22	2,380200E+22	2,275926E+22	2,275912E+22	2,380172E+22	2,494581E+22
2781	2,529713E+22	2,476163E+22	2,407061E+22	2,407088E+22	2,476229E+22	2,529790E+22	2,494642E+22	2,380206E+22	2,275920E+22	2,275914E+22	2,380189E+22	2,494621E+22
2782	2,529780E+22	2,476231E+22	2,407097E+22	2,407110E+22	2,476236E+22	2,529756E+22	2,494579E+22	2,380143E+22	2,275882E+22	2,275909E+22	2,380191E+22	2,494599E+22
2783	2,529717E+22	2,476130E+22	2,406963E+22	2,406962E+22	2,476139E+22	2,529736E+22	2,494602E+22	2,380168E+22	2,275874E+22	2,275872E+22	2,380169E+22	2,494614E+22
2784	2,529755E+22	2,476182E+22	2,407035E+22	2,407044E+22	2,476222E+22	2,529811E+22	2,494635E+22	2,380156E+22	2,275840E+22	2,275836E+22	2,380147E+22	2,494623E+22
2785	2,529794E+22	2,476222E+22	2,407060E+22	2,407034E+22	2,476132E+22	2,529689E+22	2,494561E+22	2,380127E+22	2,275828E+22	2,275823E+22	2,380123E+22	2,494584E+22
2786	2,529734E+22	2,476132E+22	2,406951E+22	2,406965E+22	2,476136E+22	2,529717E+22	2,494589E+22	2,380157E+22	2,275852E+22	2,275837E+22	2,380127E+22	2,494579E+22
2787	2,529755E+22	2,476219E+22	2,407077E+22	2,407077E+22	2,476237E+22	2,529790E+22	2,494600E+22	2,380125E+22	2,275818E+22	2,275825E+22	2,380132E+22	2,494575E+22
2788	2,529716E+22	2,476156E+22	2,407019E+22	2,407005E+22	2,476130E+22	2,529710E+22	2,494567E+22	2,380116E+22	2,275819E+22	2,275827E+22	2,380134E+22	2,494575E+22
2789	2,529697E+22	2,476100E+22	2,406961E+22	2,407003E+22	2,476186E+22	2,529783E+22	2,494639E+22	2,380170E+22	2,275848E+22	2,275836E+22	2,380139E+22	2,494607E+22
2790	2,529785E+22	2,476223E+22	2,407058E+22	2,407069E+22	2,476226E+22	2,529772E+22	2,494602E+22	2,380152E+22	2,275862E+22	2,275869E+22	2,380151E+22	2,494581E+22
2791	2,529725E+22	2,476151E+22	2,406975E+22	2,406948E+22	2,476105E+22	2,529708E+22	2,494595E+22	2,380187E+22	2,275906E+22	2,275893E+22	2,380167E+22	2,494594E+22
2792	2,529735E+22	2,476181E+22	2,407055E+22	2,407064E+22	2,476211E+22	2,529785E+22	2,494638E+22	2,380197E+22	2,275910E+22	2,275905E+22	2,380186E+22	2,494624E+22
2793	2,529787E+22	2,476247E+22	2,407128E+22	2,407125E+22	2,476204E+22	2,529710E+22	2,494560E+22	2,380159E+22	2,275912E+22	2,275930E+22	2,380208E+22	2,494621E+22
2794	2,529739E+22	2,476153E+22	2,407006E+22	2,407026E+22	2,476182E+22	2,529740E+22	2,494601E+22	2,380194E+22	2,275939E+22	2,275950E+22	2,380222E+22	2,494638E+22
2795	2,529786E+22	2,476252E+22	2,407134E+22	2,407141E+22	2,476287E+22	2,529840E+22	2,494663E+22	2,380205E+22	2,275920E+22	2,275927E+22	2,380207E+22	2,494633E+22
2796	2,529784E+22	2,476246E+22	2,407127E+22	2,407108E+22	2,476191E+22	2,529734E+22	2,494611E+22	2,380210E+22	2,275947E+22	2,275938E+22	2,380191E+22	2,494602E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2797	2,529743E+22	2,476189E+22	2,407061E+22	2,407074E+22	2,476209E+22	2,529770E+22	2,494652E+22	2,380253E+22	2,275982E+22	2,275956E+22	2,380193E+22	2,494607E+22
2798	2,529790E+22	2,476291E+22	2,407183E+22	2,407181E+22	2,476290E+22	2,529797E+22	2,494625E+22	2,380215E+22	2,275973E+22	2,275980E+22	2,380214E+22	2,494590E+22
2799	2,529718E+22	2,476187E+22	2,407077E+22	2,407065E+22	2,476170E+22	2,529723E+22	2,494600E+22	2,380212E+22	2,275968E+22	2,275971E+22	2,380225E+22	2,494612E+22
2800	2,529719E+22	2,476158E+22	2,407056E+22	2,407097E+22	2,476248E+22	2,529804E+22	2,494656E+22	2,380218E+22	2,275937E+22	2,275935E+22	2,380210E+22	2,494639E+22
2801	2,529795E+22	2,476249E+22	2,407120E+22	2,407132E+22	2,476243E+22	2,529756E+22	2,494596E+22	2,380177E+22	2,275912E+22	2,275922E+22	2,380203E+22	2,494624E+22
2802	2,529748E+22	2,476161E+22	2,406985E+22	2,406970E+22	2,476132E+22	2,529721E+22	2,494598E+22	2,380188E+22	2,275917E+22	2,275912E+22	2,380186E+22	2,494615E+22
2803	2,529771E+22	2,476230E+22	2,407092E+22	2,407075E+22	2,476212E+22	2,529797E+22	2,494650E+22	2,380185E+22	2,275882E+22	2,275874E+22	2,380156E+22	2,494600E+22
2804	2,529768E+22	2,476230E+22	2,407105E+22	2,407092E+22	2,476164E+22	2,529686E+22	2,494561E+22	2,380154E+22	2,275879E+22	2,275876E+22	2,380149E+22	2,494570E+22
2805	2,529708E+22	2,476138E+22	2,406986E+22	2,407007E+22	2,476166E+22	2,529719E+22	2,494577E+22	2,380160E+22	2,275884E+22	2,275880E+22	2,380157E+22	2,494588E+22
2806	2,529750E+22	2,476222E+22	2,407098E+22	2,407113E+22	2,476272E+22	2,529812E+22	2,494609E+22	2,380139E+22	2,275861E+22	2,275883E+22	2,380169E+22	2,494588E+22
2807	2,529717E+22	2,476155E+22	2,407020E+22	2,407011E+22	2,476141E+22	2,529724E+22	2,494597E+22	2,380161E+22	2,275872E+22	2,275876E+22	2,380169E+22	2,494599E+22
2808	2,529720E+22	2,476129E+22	2,406982E+22	2,407012E+22	2,476181E+22	2,529769E+22	2,494648E+22	2,380207E+22	2,275900E+22	2,275876E+22	2,380150E+22	2,494600E+22
2809	2,529787E+22	2,476256E+22	2,407117E+22	2,407118E+22	2,476234E+22	2,529753E+22	2,494598E+22	2,380184E+22	2,275919E+22	2,275919E+22	2,380182E+22	2,494594E+22
2810	2,529730E+22	2,476172E+22	2,407018E+22	2,406996E+22	2,476129E+22	2,529693E+22	2,494570E+22	2,380188E+22	2,275950E+22	2,275958E+22	2,380215E+22	2,494609E+22
2811	2,529740E+22	2,476205E+22	2,407103E+22	2,407111E+22	2,476236E+22	2,529797E+22	2,494651E+22	2,380211E+22	2,275940E+22	2,275945E+22	2,380214E+22	2,494631E+22
2812	2,529779E+22	2,476249E+22	2,407154E+22	2,407171E+22	2,476246E+22	2,529740E+22	2,494592E+22	2,380195E+22	2,275953E+22	2,275966E+22	2,380227E+22	2,494622E+22
2813	2,529744E+22	2,476182E+22	2,407040E+22	2,407049E+22	2,476191E+22	2,529743E+22	2,494617E+22	2,380229E+22	2,275981E+22	2,275978E+22	2,380227E+22	2,494633E+22
2814	2,529794E+22	2,476285E+22	2,407180E+22	2,407178E+22	2,476301E+22	2,529839E+22	2,494670E+22	2,380244E+22	2,275993E+22	2,275993E+22	2,380225E+22	2,494615E+22
2815	2,529766E+22	2,476255E+22	2,407156E+22	2,407135E+22	2,476200E+22	2,529730E+22	2,494624E+22	2,380252E+22	2,276015E+22	2,276007E+22	2,380233E+22	2,494605E+22
2816	2,529731E+22	2,476192E+22	2,407085E+22	2,407107E+22	2,476228E+22	2,529760E+22	2,494644E+22	2,380273E+22	2,276029E+22	2,276009E+22	2,380227E+22	2,494611E+22
2817	2,529774E+22	2,476288E+22	2,407210E+22	2,407226E+22	2,476324E+22	2,529805E+22	2,494621E+22	2,380227E+22	2,276005E+22	2,276020E+22	2,380259E+22	2,494632E+22
2818	2,529738E+22	2,476189E+22	2,407078E+22	2,407071E+22	2,476180E+22	2,529728E+22	2,494600E+22	2,380217E+22	2,275992E+22	2,276010E+22	2,380265E+22	2,494647E+22
2819	2,529756E+22	2,476197E+22	2,407086E+22	2,407102E+22	2,476230E+22	2,529799E+22	2,494683E+22	2,380253E+22	2,275965E+22	2,275950E+22	2,380212E+22	2,494638E+22
2820	2,529804E+22	2,476279E+22	2,407161E+22	2,407162E+22	2,476247E+22	2,529743E+22	2,494603E+22	2,380212E+22	2,275960E+22	2,275955E+22	2,380201E+22	2,494599E+22
2821	2,529741E+22	2,476199E+22	2,407044E+22	2,407008E+22	2,476135E+22	2,529695E+22	2,494576E+22	2,380195E+22	2,275951E+22	2,275948E+22	2,380196E+22	2,494597E+22
2822	2,529752E+22	2,476245E+22	2,407147E+22	2,407141E+22	2,476255E+22	2,529797E+22	2,494629E+22	2,380188E+22	2,275927E+22	2,275932E+22	2,380186E+22	2,494590E+22
2823	2,529735E+22	2,476210E+22	2,407114E+22	2,407124E+22	2,476209E+22	2,529715E+22	2,494577E+22	2,380172E+22	2,275916E+22	2,275924E+22	2,380191E+22	2,494591E+22
2824	2,529706E+22	2,476127E+22	2,406984E+22	2,407021E+22	2,476194E+22	2,529745E+22	2,494607E+22	2,380192E+22	2,275916E+22	2,275907E+22	2,380174E+22	2,494597E+22
2825	2,529755E+22	2,476231E+22	2,407118E+22	2,407135E+22	2,476287E+22	2,529821E+22	2,494634E+22	2,380186E+22	2,275909E+22	2,275914E+22	2,380191E+22	2,494611E+22
2826	2,529738E+22	2,476177E+22	2,407037E+22	2,407013E+22	2,476131E+22	2,529709E+22	2,494598E+22	2,380196E+22	2,275937E+22	2,275941E+22	2,380206E+22	2,494612E+22
2827	2,529737E+22	2,476172E+22	2,407039E+22	2,407039E+22	2,476165E+22	2,529747E+22	2,494659E+22	2,380244E+22	2,275955E+22	2,275932E+22	2,380181E+22	2,494599E+22
2828	2,529774E+22	2,476269E+22	2,407166E+22	2,407173E+22	2,476260E+22	2,529741E+22	2,494588E+22	2,380208E+22	2,275975E+22	2,275981E+22	2,380221E+22	2,494598E+22
2829	2,529726E+22	2,476195E+22	2,407064E+22	2,407040E+22	2,476157E+22	2,529693E+22	2,494554E+22	2,380185E+22	2,275977E+22	2,276000E+22	2,380248E+22	2,494629E+22
2830	2,529755E+22	2,476232E+22	2,407145E+22	2,407157E+22	2,476274E+22	2,529814E+22	2,494655E+22	2,380226E+22	2,275979E+22	2,275989E+22	2,380236E+22	2,494637E+22
2831	2,529785E+22	2,476264E+22	2,407176E+22	2,407189E+22	2,476266E+22	2,529757E+22	2,494622E+22	2,380243E+22	2,276005E+22	2,276004E+22	2,380241E+22	2,494624E+22
2832	2,529753E+22	2,476208E+22	2,407078E+22	2,407078E+22	2,476202E+22	2,529737E+22	2,494628E+22	2,380272E+22	2,276038E+22	2,276016E+22	2,380226E+22	2,494608E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2833	2,529773E+22	2,476300E+22	2,407235E+22	2,407235E+22	2,476325E+22	2,529831E+22	2,494671E+22	2,380280E+22	2,276050E+22	2,276045E+22	2,380257E+22	2,494620E+22
2834	2,529750E+22	2,476251E+22	2,407181E+22	2,407170E+22	2,476225E+22	2,529727E+22	2,494612E+22	2,380268E+22	2,276068E+22	2,276078E+22	2,380288E+22	2,494627E+22
2835	2,529730E+22	2,476199E+22	2,407112E+22	2,407129E+22	2,476237E+22	2,529772E+22	2,494665E+22	2,380293E+22	2,276061E+22	2,276050E+22	2,380263E+22	2,494629E+22
2836	2,529773E+22	2,476284E+22	2,407220E+22	2,407244E+22	2,476342E+22	2,529819E+22	2,494644E+22	2,380261E+22	2,276045E+22	2,276056E+22	2,380281E+22	2,494642E+22
2837	2,529757E+22	2,476225E+22	2,407108E+22	2,407079E+22	2,476174E+22	2,529714E+22	2,494596E+22	2,380235E+22	2,276023E+22	2,276035E+22	2,380273E+22	2,494653E+22
2838	2,529777E+22	2,476239E+22	2,407137E+22	2,407136E+22	2,476237E+22	2,529782E+22	2,494665E+22	2,380270E+22	2,276018E+22	2,276000E+22	2,380225E+22	2,494625E+22
2839	2,529794E+22	2,476292E+22	2,407198E+22	2,407196E+22	2,476265E+22	2,529741E+22	2,494605E+22	2,380238E+22	2,276006E+22	2,276002E+22	2,380230E+22	2,494602E+22
2840	2,529731E+22	2,476201E+22	2,407078E+22	2,407056E+22	2,476168E+22	2,529692E+22	2,494564E+22	2,380204E+22	2,275981E+22	2,275980E+22	2,380213E+22	2,494593E+22
2841	2,529732E+22	2,476234E+22	2,407170E+22	2,407186E+22	2,476300E+22	2,529823E+22	2,494640E+22	2,380203E+22	2,275949E+22	2,275961E+22	2,380220E+22	2,494619E+22
2842	2,529743E+22	2,476205E+22	2,407112E+22	2,407127E+22	2,476223E+22	2,529737E+22	2,494600E+22	2,380199E+22	2,275949E+22	2,275962E+22	2,380221E+22	2,494614E+22
2843	2,529731E+22	2,476158E+22	2,407011E+22	2,407015E+22	2,476168E+22	2,529742E+22	2,494642E+22	2,380243E+22	2,275965E+22	2,275937E+22	2,380179E+22	2,494591E+22
2844	2,529757E+22	2,476252E+22	2,407154E+22	2,407157E+22	2,476284E+22	2,529804E+22	2,494640E+22	2,380235E+22	2,275981E+22	2,275970E+22	2,380204E+22	2,494593E+22
2845	2,529736E+22	2,476215E+22	2,407095E+22	2,407051E+22	2,476131E+22	2,529674E+22	2,494566E+22	2,380204E+22	2,275984E+22	2,275996E+22	2,380237E+22	2,494613E+22
2846	2,529732E+22	2,476194E+22	2,407099E+22	2,407107E+22	2,476203E+22	2,529734E+22	2,494623E+22	2,380246E+22	2,276007E+22	2,275998E+22	2,380223E+22	2,494607E+22
2847	2,529761E+22	2,476264E+22	2,407190E+22	2,407213E+22	2,476303E+22	2,529768E+22	2,494601E+22	2,380226E+22	2,276010E+22	2,276027E+22	2,380262E+22	2,494624E+22
2848	2,529736E+22	2,476201E+22	2,407089E+22	2,407076E+22	2,476187E+22	2,529712E+22	2,494578E+22	2,380217E+22	2,276010E+22	2,276022E+22	2,380255E+22	2,494629E+22
2849	2,529759E+22	2,476252E+22	2,407184E+22	2,407198E+22	2,476303E+22	2,529833E+22	2,494682E+22	2,380274E+22	2,276029E+22	2,276022E+22	2,380252E+22	2,494644E+22
2850	2,529792E+22	2,476286E+22	2,407207E+22	2,407208E+22	2,476273E+22	2,529760E+22	2,494635E+22	2,380287E+22	2,276077E+22	2,276073E+22	2,380274E+22	2,494625E+22
2851	2,529753E+22	2,476236E+22	2,407131E+22	2,407109E+22	2,476196E+22	2,529732E+22	2,494648E+22	2,380317E+22	2,276104E+22	2,276079E+22	2,380261E+22	2,494605E+22
2852	2,529752E+22	2,476291E+22	2,407263E+22	2,407282E+22	2,476356E+22	2,529832E+22	2,494668E+22	2,380310E+22	2,276113E+22	2,276112E+22	2,380300E+22	2,494631E+22
2853	2,529751E+22	2,476261E+22	2,407201E+22	2,407191E+22	2,476240E+22	2,529727E+22	2,494599E+22	2,380267E+22	2,276096E+22	2,276124E+22	2,380332E+22	2,494662E+22
2854	2,529757E+22	2,476223E+22	2,407141E+22	2,407155E+22	2,476250E+22	2,529770E+22	2,494658E+22	2,380308E+22	2,276097E+22	2,276087E+22	2,380288E+22	2,494647E+22
2855	2,529794E+22	2,476307E+22	2,407241E+22	2,407249E+22	2,476336E+22	2,529815E+22	2,494654E+22	2,380292E+22	2,276084E+22	2,276084E+22	2,380292E+22	2,494648E+22
2856	2,529774E+22	2,476256E+22	2,407155E+22	2,407116E+22	2,476177E+22	2,529696E+22	2,494586E+22	2,380253E+22	2,276057E+22	2,276055E+22	2,380262E+22	2,494625E+22
2857	2,529763E+22	2,476260E+22	2,407195E+22	2,407200E+22	2,476272E+22	2,529780E+22	2,494652E+22	2,380277E+22	2,276042E+22	2,276027E+22	2,380242E+22	2,494621E+22
2858	2,529774E+22	2,476284E+22	2,407217E+22	2,407231E+22	2,476299E+22	2,529756E+22	2,494599E+22	2,380246E+22	2,276040E+22	2,276047E+22	2,380261E+22	2,494610E+22
2859	2,529723E+22	2,476200E+22	2,407097E+22	2,407075E+22	2,476182E+22	2,529724E+22	2,494603E+22	2,380235E+22	2,276011E+22	2,276008E+22	2,380231E+22	2,494597E+22
2860	2,529722E+22	2,476217E+22	2,407170E+22	2,407200E+22	2,476316E+22	2,529842E+22	2,494674E+22	2,380256E+22	2,276004E+22	2,275999E+22	2,380231E+22	2,494614E+22
2861	2,529753E+22	2,476231E+22	2,407133E+22	2,407127E+22	2,476207E+22	2,529722E+22	2,494601E+22	2,380233E+22	2,276006E+22	2,276010E+22	2,380242E+22	2,494619E+22
2862	2,529745E+22	2,476194E+22	2,407061E+22	2,407047E+22	2,476163E+22	2,529713E+22	2,494619E+22	2,380269E+22	2,276036E+22	2,276006E+22	2,380211E+22	2,494588E+22
2863	2,529750E+22	2,476266E+22	2,407191E+22	2,407188E+22	2,476289E+22	2,529787E+22	2,494630E+22	2,380259E+22	2,276039E+22	2,276037E+22	2,380251E+22	2,494611E+22
2864	2,529736E+22	2,476222E+22	2,407137E+22	2,407111E+22	2,476167E+22	2,529667E+22	2,494542E+22	2,380204E+22	2,276016E+22	2,276037E+22	2,380266E+22	2,494624E+22
2865	2,529734E+22	2,476203E+22	2,407137E+22	2,407166E+22	2,476257E+22	2,529764E+22	2,494626E+22	2,380248E+22	2,276021E+22	2,276026E+22	2,380260E+22	2,494642E+22
2866	2,529781E+22	2,476278E+22	2,407208E+22	2,407232E+22	2,476326E+22	2,529796E+22	2,494628E+22	2,380259E+22	2,276049E+22	2,276062E+22	2,380285E+22	2,494642E+22
2867	2,529762E+22	2,476242E+22	2,407137E+22	2,407097E+22	2,476181E+22	2,529724E+22	2,494619E+22	2,380275E+22	2,276068E+22	2,276057E+22	2,380255E+22	2,494611E+22
2868	2,529749E+22	2,476266E+22	2,407227E+22	2,407239E+22	2,476319E+22	2,529834E+22	2,494698E+22	2,380332E+22	2,276112E+22	2,276088E+22	2,380264E+22	2,494614E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
2869	2,529776E+22	2,476312E+22	2,407257E+22	2,407251E+22	2,476285E+22	2,529746E+22	2,494619E+22	2,380307E+22	2,276137E+22	2,276142E+22	2,380316E+22	2,494628E+22
2870	2,529742E+22	2,476244E+22	2,407172E+22	2,407162E+22	2,476227E+22	2,529727E+22	2,494626E+22	2,380330E+22	2,276163E+22	2,276149E+22	2,380311E+22	2,494624E+22
2871	2,529747E+22	2,476281E+22	2,407267E+22	2,407298E+22	2,476377E+22	2,529853E+22	2,494687E+22	2,380335E+22	2,276153E+22	2,276159E+22	2,380345E+22	2,494667E+22
2872	2,529776E+22	2,476271E+22	2,407218E+22	2,407217E+22	2,476248E+22	2,529723E+22	2,494603E+22	2,380287E+22	2,276122E+22	2,276140E+22	2,380337E+22	2,494669E+22
2873	2,529778E+22	2,476255E+22	2,407179E+22	2,407187E+22	2,476264E+22	2,529769E+22	2,494658E+22	2,380328E+22	2,276126E+22	2,276112E+22	2,380302E+22	2,494655E+22
2874	2,529806E+22	2,476337E+22	2,407278E+22	2,407270E+22	2,476335E+22	2,529810E+22	2,494654E+22	2,380315E+22	2,276129E+22	2,276129E+22	2,380312E+22	2,494642E+22
2875	2,529771E+22	2,476284E+22	2,407210E+22	2,407155E+22	2,476178E+22	2,529693E+22	2,494595E+22	2,380277E+22	2,276096E+22	2,276092E+22	2,380274E+22	2,494607E+22
2876	2,529733E+22	2,476245E+22	2,407218E+22	2,407249E+22	2,476314E+22	2,529799E+22	2,494657E+22	2,380302E+22	2,276091E+22	2,276074E+22	2,380258E+22	2,494610E+22
2877	2,529765E+22	2,476288E+22	2,407228E+22	2,407248E+22	2,476317E+22	2,529772E+22	2,494603E+22	2,380253E+22	2,276067E+22	2,276083E+22	2,380289E+22	2,494626E+22
2878	2,529737E+22	2,476213E+22	2,407115E+22	2,407094E+22	2,476187E+22	2,529722E+22	2,494608E+22	2,380270E+22	2,276064E+22	2,276048E+22	2,380250E+22	2,494604E+22
2879	2,529730E+22	2,476228E+22	2,407177E+22	2,407198E+22	2,476300E+22	2,529833E+22	2,494688E+22	2,380301E+22	2,276065E+22	2,276047E+22	2,380252E+22	2,494620E+22
2880	2,529761E+22	2,476249E+22	2,407173E+22	2,407163E+22	2,476201E+22	2,529690E+22	2,494581E+22	2,380250E+22	2,276053E+22	2,276055E+22	2,380258E+22	2,494608E+22
2881	2,529737E+22	2,476214E+22	2,407116E+22	2,407113E+22	2,476197E+22	2,529705E+22	2,494593E+22	2,380266E+22	2,276064E+22	2,276056E+22	2,380257E+22	2,494606E+22
2882	2,529746E+22	2,476273E+22	2,407220E+22	2,407229E+22	2,476320E+22	2,529802E+22	2,494623E+22	2,380262E+22	2,276072E+22	2,276088E+22	2,380296E+22	2,494636E+22
2883	2,529750E+22	2,476241E+22	2,407172E+22	2,407145E+22	2,476190E+22	2,529704E+22	2,494578E+22	2,380231E+22	2,276046E+22	2,276064E+22	2,380279E+22	2,494629E+22
2884	2,529738E+22	2,476212E+22	2,407161E+22	2,407201E+22	2,476288E+22	2,529794E+22	2,494665E+22	2,380304E+22	2,276081E+22	2,276062E+22	2,380258E+22	2,494626E+22
2885	2,529795E+22	2,476318E+22	2,407243E+22	2,407251E+22	2,476327E+22	2,529798E+22	2,494642E+22	2,380302E+22	2,276114E+22	2,276116E+22	2,380304E+22	2,494637E+22
2886	2,529767E+22	2,476276E+22	2,407194E+22	2,407146E+22	2,476189E+22	2,529708E+22	2,494617E+22	2,380323E+22	2,276153E+22	2,276133E+22	2,380291E+22	2,494605E+22
2887	2,529732E+22	2,476267E+22	2,407254E+22	2,407273E+22	2,476328E+22	2,529824E+22	2,494699E+22	2,380369E+22	2,276183E+22	2,276166E+22	2,380319E+22	2,494631E+22
2888	2,529767E+22	2,476303E+22	2,407284E+22	2,407300E+22	2,476310E+22	2,529739E+22	2,494602E+22	2,380312E+22	2,276178E+22	2,276196E+22	2,380357E+22	2,494650E+22
2889	2,529752E+22	2,476255E+22	2,407198E+22	2,407202E+22	2,476262E+22	2,529745E+22	2,494624E+22	2,380326E+22	2,276174E+22	2,276182E+22	2,380355E+22	2,494662E+22
2890	2,529775E+22	2,476305E+22	2,407280E+22	2,407299E+22	2,476368E+22	2,529854E+22	2,494698E+22	2,380360E+22	2,276186E+22	2,276189E+22	2,380363E+22	2,494685E+22
2891	2,529809E+22	2,476322E+22	2,407268E+22	2,407235E+22	2,476236E+22	2,529720E+22	2,494620E+22	2,380322E+22	2,276163E+22	2,276160E+22	2,380325E+22	2,494645E+22
2892	2,529771E+22	2,476279E+22	2,407230E+22	2,407240E+22	2,476284E+22	2,529763E+22	2,494656E+22	2,380356E+22	2,276179E+22	2,276152E+22	2,380295E+22	2,494616E+22
2893	2,529787E+22	2,476358E+22	2,407323E+22	2,407317E+22	2,476356E+22	2,529804E+22	2,494637E+22	2,380318E+22	2,276165E+22	2,276175E+22	2,380337E+22	2,494634E+22
2894	2,529750E+22	2,476282E+22	2,407243E+22	2,407211E+22	2,476218E+22	2,529704E+22	2,494590E+22	2,380292E+22	2,276141E+22	2,276139E+22	2,380305E+22	2,494610E+22
2895	2,529712E+22	2,476220E+22	2,407203E+22	2,407255E+22	2,476331E+22	2,529827E+22	2,494691E+22	2,380337E+22	2,276133E+22	2,276117E+22	2,380290E+22	2,494626E+22
2896	2,529767E+22	2,476279E+22	2,407230E+22	2,407263E+22	2,476319E+22	2,529770E+22	2,494616E+22	2,380285E+22	2,276109E+22	2,276114E+22	2,380300E+22	2,494628E+22
2897	2,529748E+22	2,476236E+22	2,407140E+22	2,407115E+22	2,476192E+22	2,529716E+22	2,494606E+22	2,380289E+22	2,276103E+22	2,276095E+22	2,380286E+22	2,494620E+22
2898	2,529742E+22	2,476254E+22	2,407206E+22	2,407210E+22	2,476284E+22	2,529813E+22	2,494683E+22	2,380326E+22	2,276120E+22	2,276109E+22	2,380295E+22	2,494637E+22
2899	2,529774E+22	2,476283E+22	2,407224E+22	2,407202E+22	2,476206E+22	2,529683E+22	2,494577E+22	2,380265E+22	2,276093E+22	2,276101E+22	2,380287E+22	2,494614E+22
2900	2,529731E+22	2,476219E+22	2,407149E+22	2,407169E+22	2,476244E+22	2,529725E+22	2,494593E+22	2,380277E+22	2,276103E+22	2,276100E+22	2,380278E+22	2,494611E+22
2901	2,529762E+22	2,476301E+22	2,407249E+22	2,407259E+22	2,476342E+22	2,529823E+22	2,494635E+22	2,380271E+22	2,276096E+22	2,276121E+22	2,380321E+22	2,494653E+22
2902	2,529772E+22	2,476277E+22	2,407215E+22	2,407184E+22	2,476204E+22	2,529705E+22	2,494596E+22	2,380280E+22	2,276106E+22	2,276101E+22	2,380286E+22	2,494621E+22
2903	2,529740E+22	2,476233E+22	2,407188E+22	2,407221E+22	2,476290E+22	2,529798E+22	2,494692E+22	2,380364E+22	2,276159E+22	2,276122E+22	2,380274E+22	2,494611E+22
2904	2,529780E+22	2,476330E+22	2,407294E+22	2,407308E+22	2,476337E+22	2,529777E+22	2,494631E+22	2,380328E+22	2,276177E+22	2,276175E+22	2,380323E+22	2,494618E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2905	2,529745E+22	2,476283E+22	2,407238E+22	2,407209E+22	2,476228E+22	2,529707E+22	2,494602E+22	2,380329E+22	2,276194E+22	2,276200E+22	2,380351E+22	2,494627E+22
2906	2,529723E+22	2,476263E+22	2,407266E+22	2,407297E+22	2,476347E+22	2,529836E+22	2,494705E+22	2,380386E+22	2,276227E+22	2,276227E+22	2,380375E+22	2,494668E+22
2907	2,529787E+22	2,476322E+22	2,407307E+22	2,407315E+22	2,476317E+22	2,529758E+22	2,494628E+22	2,380339E+22	2,276210E+22	2,276227E+22	2,380379E+22	2,494663E+22
2908	2,529766E+22	2,476275E+22	2,407224E+22	2,407231E+22	2,476280E+22	2,529756E+22	2,494643E+22	2,380365E+22	2,276225E+22	2,276216E+22	2,380353E+22	2,494654E+22
2909	2,529799E+22	2,476356E+22	2,407325E+22	2,407320E+22	2,476363E+22	2,529840E+22	2,494694E+22	2,380379E+22	2,276231E+22	2,276232E+22	2,380377E+22	2,494678E+22
2910	2,529813E+22	2,476359E+22	2,407329E+22	2,407292E+22	2,476251E+22	2,529699E+22	2,494610E+22	2,380352E+22	2,276222E+22	2,276210E+22	2,380343E+22	2,494628E+22
2911	2,529745E+22	2,476276E+22	2,407254E+22	2,407280E+22	2,476311E+22	2,529768E+22	2,494661E+22	2,380383E+22	2,276230E+22	2,276206E+22	2,380329E+22	2,494617E+22
2912	2,529761E+22	2,476337E+22	2,407339E+22	2,407363E+22	2,476390E+22	2,529813E+22	2,494634E+22	2,380320E+22	2,276190E+22	2,276210E+22	2,380362E+22	2,494643E+22
2913	2,529747E+22	2,476278E+22	2,407250E+22	2,407236E+22	2,476250E+22	2,529729E+22	2,494609E+22	2,380300E+22	2,276152E+22	2,276171E+22	2,380347E+22	2,494639E+22
2914	2,529730E+22	2,476232E+22	2,407200E+22	2,407238E+22	2,476310E+22	2,529824E+22	2,494714E+22	2,380377E+22	2,276178E+22	2,276155E+22	2,380316E+22	2,494644E+22
2915	2,529792E+22	2,476319E+22	2,407263E+22	2,407265E+22	2,476297E+22	2,529756E+22	2,494626E+22	2,380320E+22	2,276159E+22	2,276153E+22	2,380307E+22	2,494615E+22
2916	2,529744E+22	2,476262E+22	2,407187E+22	2,407161E+22	2,476208E+22	2,529702E+22	2,494595E+22	2,380308E+22	2,276155E+22	2,276145E+22	2,380295E+22	2,494603E+22
2917	2,529742E+22	2,476286E+22	2,407252E+22	2,407252E+22	2,476299E+22	2,529795E+22	2,494656E+22	2,380319E+22	2,276151E+22	2,276159E+22	2,380333E+22	2,494650E+22
2918	2,529775E+22	2,476302E+22	2,407270E+22	2,407264E+22	2,476248E+22	2,529691E+22	2,494575E+22	2,380281E+22	2,276130E+22	2,276138E+22	2,380314E+22	2,494623E+22
2919	2,529728E+22	2,476220E+22	2,407161E+22	2,407195E+22	2,476270E+22	2,529751E+22	2,494628E+22	2,380316E+22	2,276144E+22	2,276135E+22	2,380297E+22	2,494615E+22
2920	2,529760E+22	2,476306E+22	2,407277E+22	2,407294E+22	2,476355E+22	2,529824E+22	2,494654E+22	2,380310E+22	2,276145E+22	2,276154E+22	2,380324E+22	2,494639E+22
2921	2,529771E+22	2,476304E+22	2,407258E+22	2,407227E+22	2,476229E+22	2,529713E+22	2,494608E+22	2,380308E+22	2,276157E+22	2,276162E+22	2,380324E+22	2,494619E+22
2922	2,529729E+22	2,476249E+22	2,407217E+22	2,407239E+22	2,476284E+22	2,529784E+22	2,494698E+22	2,380404E+22	2,276232E+22	2,276201E+22	2,380326E+22	2,494622E+22
2923	2,529774E+22	2,476343E+22	2,407331E+22	2,407344E+22	2,476355E+22	2,529777E+22	2,494631E+22	2,380355E+22	2,276235E+22	2,276240E+22	2,380367E+22	2,494631E+22
2924	2,529738E+22	2,476282E+22	2,407262E+22	2,407256E+22	2,476272E+22	2,529725E+22	2,494603E+22	2,380342E+22	2,276239E+22	2,276253E+22	2,380383E+22	2,494648E+22
2925	2,529753E+22	2,476295E+22	2,407289E+22	2,407312E+22	2,476350E+22	2,529834E+22	2,494709E+22	2,380398E+22	2,276255E+22	2,276265E+22	2,380410E+22	2,494698E+22
2926	2,529822E+22	2,476369E+22	2,407355E+22	2,407349E+22	2,476321E+22	2,529743E+22	2,494635E+22	2,380380E+22	2,276259E+22	2,276256E+22	2,380385E+22	2,494659E+22
2927	2,529773E+22	2,476306E+22	2,407265E+22	2,407258E+22	2,476284E+22	2,529750E+22	2,494654E+22	2,380402E+22	2,276280E+22	2,276261E+22	2,380364E+22	2,494634E+22
2928	2,529777E+22	2,476367E+22	2,407382E+22	2,407384E+22	2,476383E+22	2,529823E+22	2,494679E+22	2,380389E+22	2,276268E+22	2,276271E+22	2,380388E+22	2,494655E+22
2929	2,529786E+22	2,476361E+22	2,407369E+22	2,407355E+22	2,476307E+22	2,529717E+22	2,494604E+22	2,380349E+22	2,276243E+22	2,276258E+22	2,380387E+22	2,494636E+22
2930	2,529726E+22	2,476261E+22	2,407253E+22	2,407290E+22	2,476333E+22	2,529793E+22	2,494685E+22	2,380410E+22	2,276269E+22	2,276252E+22	2,380369E+22	2,494641E+22
2931	2,529768E+22	2,476338E+22	2,407341E+22	2,407362E+22	2,476397E+22	2,529836E+22	2,494669E+22	2,380360E+22	2,276226E+22	2,276236E+22	2,380374E+22	2,494649E+22
2932	2,529753E+22	2,476288E+22	2,407260E+22	2,407245E+22	2,476257E+22	2,529734E+22	2,494629E+22	2,380346E+22	2,276209E+22	2,276210E+22	2,380350E+22	2,494638E+22
2933	2,529754E+22	2,476276E+22	2,407235E+22	2,407241E+22	2,476286E+22	2,529793E+22	2,494704E+22	2,380398E+22	2,276228E+22	2,276210E+22	2,380348E+22	2,494653E+22
2934	2,529803E+22	2,476358E+22	2,407323E+22	2,407309E+22	2,476294E+22	2,529715E+22	2,494605E+22	2,380346E+22	2,276213E+22	2,276205E+22	2,380338E+22	2,494616E+22
2935	2,529731E+22	2,476269E+22	2,407220E+22	2,407203E+22	2,476236E+22	2,529700E+22	2,494586E+22	2,380319E+22	2,276195E+22	2,276197E+22	2,380334E+22	2,494614E+22
2936	2,529730E+22	2,476283E+22	2,407288E+22	2,407309E+22	2,476338E+22	2,529802E+22	2,494644E+22	2,380309E+22	2,276162E+22	2,276183E+22	2,380350E+22	2,494657E+22
2937	2,529781E+22	2,476315E+22	2,407295E+22	2,407302E+22	2,476292E+22	2,529719E+22	2,494593E+22	2,380289E+22	2,276140E+22	2,276163E+22	2,380340E+22	2,494635E+22
2938	2,529738E+22	2,476240E+22	2,407180E+22	2,407199E+22	2,476267E+22	2,529757E+22	2,494662E+22	2,380372E+22	2,276203E+22	2,276176E+22	2,380312E+22	2,494615E+22
2939	2,529763E+22	2,476335E+22	2,407318E+22	2,407316E+22	2,476357E+22	2,529822E+22	2,494670E+22	2,380357E+22	2,276210E+22	2,276205E+22	2,380333E+22	2,494615E+22
2940	2,529748E+22	2,476313E+22	2,407303E+22	2,407280E+22	2,476261E+22	2,529712E+22	2,494609E+22	2,380345E+22	2,276228E+22	2,276232E+22	2,380351E+22	2,494611E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
2941	2,529723E+22	2,476265E+22	2,407252E+22	2,407273E+22	2,476301E+22	2,529775E+22	2,494684E+22	2,380413E+22	2,276281E+22	2,276272E+22	2,380386E+22	2,494652E+22
2942	2,529780E+22	2,476356E+22	2,407364E+22	2,407384E+22	2,476380E+22	2,529777E+22	2,494637E+22	2,380384E+22	2,276281E+22	2,276290E+22	2,380408E+22	2,494656E+22
2943	2,529749E+22	2,476291E+22	2,407276E+22	2,407273E+22	2,476288E+22	2,529741E+22	2,494630E+22	2,380382E+22	2,276285E+22	2,276293E+22	2,380409E+22	2,494664E+22
2944	2,529765E+22	2,476319E+22	2,407332E+22	2,407349E+22	2,476357E+22	2,529819E+22	2,494706E+22	2,380421E+22	2,276295E+22	2,276295E+22	2,380415E+22	2,494694E+22
2945	2,529832E+22	2,476407E+22	2,407410E+22	2,407398E+22	2,476349E+22	2,529746E+22	2,494636E+22	2,380393E+22	2,276295E+22	2,276305E+22	2,380416E+22	2,494656E+22
2946	2,529764E+22	2,476325E+22	2,407307E+22	2,407290E+22	2,476291E+22	2,529742E+22	2,494661E+22	2,380437E+22	2,276336E+22	2,276318E+22	2,380400E+22	2,494638E+22
2947	2,529764E+22	2,476371E+22	2,407412E+22	2,407421E+22	2,476416E+22	2,529838E+22	2,494684E+22	2,380410E+22	2,276310E+22	2,276315E+22	2,380412E+22	2,494655E+22
2948	2,529770E+22	2,476352E+22	2,407382E+22	2,407390E+22	2,476353E+22	2,529751E+22	2,494625E+22	2,380372E+22	2,276280E+22	2,276295E+22	2,380404E+22	2,494648E+22
2949	2,529747E+22	2,476280E+22	2,407260E+22	2,407281E+22	2,476320E+22	2,529790E+22	2,494699E+22	2,380436E+22	2,276303E+22	2,276287E+22	2,380397E+22	2,494665E+22
2950	2,529794E+22	2,476371E+22	2,407374E+22	2,407374E+22	2,476384E+22	2,529809E+22	2,494675E+22	2,380410E+22	2,276283E+22	2,276270E+22	2,380383E+22	2,494646E+22
2951	2,529757E+22	2,476311E+22	2,407296E+22	2,407265E+22	2,476251E+22	2,529710E+22	2,494621E+22	2,380373E+22	2,276263E+22	2,276259E+22	2,380369E+22	2,494626E+22
2952	2,529733E+22	2,476285E+22	2,407290E+22	2,407298E+22	2,476297E+22	2,529755E+22	2,494664E+22	2,380390E+22	2,276254E+22	2,276249E+22	2,380370E+22	2,494648E+22
2953	2,529788E+22	2,476365E+22	2,407366E+22	2,407371E+22	2,476349E+22	2,529731E+22	2,494589E+22	2,380325E+22	2,276218E+22	2,276244E+22	2,380381E+22	2,494631E+22
2954	2,529724E+22	2,476265E+22	2,407234E+22	2,407221E+22	2,476259E+22	2,529725E+22	2,494609E+22	2,380340E+22	2,276221E+22	2,276228E+22	2,380361E+22	2,494633E+22
2955	2,529738E+22	2,476293E+22	2,407302E+22	2,407322E+22	2,476362E+22	2,529831E+22	2,494679E+22	2,380352E+22	2,276200E+22	2,276203E+22	2,380348E+22	2,494648E+22
2956	2,529782E+22	2,476332E+22	2,407322E+22	2,407330E+22	2,476321E+22	2,529741E+22	2,494623E+22	2,380342E+22	2,276206E+22	2,276204E+22	2,380337E+22	2,494622E+22
2957	2,529747E+22	2,476273E+22	2,407218E+22	2,407212E+22	2,476255E+22	2,529740E+22	2,494666E+22	2,380412E+22	2,276273E+22	2,276247E+22	2,380352E+22	2,494622E+22
2958	2,529760E+22	2,476354E+22	2,407368E+22	2,407363E+22	2,476365E+22	2,529794E+22	2,494666E+22	2,380405E+22	2,276283E+22	2,276274E+22	2,380378E+22	2,494625E+22
2959	2,529733E+22	2,476308E+22	2,407326E+22	2,407316E+22	2,476289E+22	2,529715E+22	2,494607E+22	2,380370E+22	2,276287E+22	2,276303E+22	2,380408E+22	2,494638E+22
2960	2,529719E+22	2,476266E+22	2,407286E+22	2,407314E+22	2,476321E+22	2,529771E+22	2,494673E+22	2,380413E+22	2,276305E+22	2,276312E+22	2,380423E+22	2,494682E+22
2961	2,529809E+22	2,476387E+22	2,407400E+22	2,407415E+22	2,476404E+22	2,529791E+22	2,494647E+22	2,380393E+22	2,276302E+22	2,276325E+22	2,380440E+22	2,494677E+22
2962	2,529775E+22	2,476332E+22	2,407317E+22	2,407287E+22	2,476280E+22	2,529734E+22	2,494648E+22	2,380428E+22	2,276341E+22	2,276333E+22	2,380421E+22	2,494663E+22
2963	2,529778E+22	2,476360E+22	2,407389E+22	2,407389E+22	2,476375E+22	2,529815E+22	2,494705E+22	2,380453E+22	2,276348E+22	2,276334E+22	2,380414E+22	2,494664E+22
2964	2,529810E+22	2,476421E+22	2,407462E+22	2,407462E+22	2,476399E+22	2,529760E+22	2,494638E+22	2,380420E+22	2,276348E+22	2,276352E+22	2,380427E+22	2,494644E+22
2965	2,529753E+22	2,476331E+22	2,407339E+22	2,407326E+22	2,476318E+22	2,529752E+22	2,494662E+22	2,380452E+22	2,276377E+22	2,276373E+22	2,380445E+22	2,494658E+22
2966	2,529759E+22	2,476366E+22	2,407432E+22	2,407450E+22	2,476434E+22	2,529845E+22	2,494706E+22	2,380452E+22	2,276353E+22	2,276351E+22	2,380438E+22	2,494666E+22
2967	2,529768E+22	2,476344E+22	2,407381E+22	2,407391E+22	2,476357E+22	2,529764E+22	2,494654E+22	2,380421E+22	2,276336E+22	2,276339E+22	2,380428E+22	2,494655E+22
2968	2,529746E+22	2,476293E+22	2,407292E+22	2,407298E+22	2,476308E+22	2,529763E+22	2,494684E+22	2,380452E+22	2,276342E+22	2,276324E+22	2,380411E+22	2,494665E+22
2969	2,529803E+22	2,476400E+22	2,407414E+22	2,407402E+22	2,476388E+22	2,529793E+22	2,494656E+22	2,380407E+22	2,276314E+22	2,276323E+22	2,380422E+22	2,494651E+22
2970	2,529754E+22	2,476325E+22	2,407330E+22	2,407292E+22	2,476252E+22	2,529692E+22	2,494611E+22	2,380391E+22	2,276304E+22	2,276306E+22	2,380405E+22	2,494643E+22
2971	2,529735E+22	2,476293E+22	2,407318E+22	2,407339E+22	2,476337E+22	2,529767E+22	2,494649E+22	2,380387E+22	2,276274E+22	2,276274E+22	2,380387E+22	2,494654E+22
2972	2,529786E+22	2,476367E+22	2,407386E+22	2,407408E+22	2,476400E+22	2,529773E+22	2,494612E+22	2,380342E+22	2,276239E+22	2,276259E+22	2,380384E+22	2,494641E+22
2973	2,529750E+22	2,476291E+22	2,407257E+22	2,407227E+22	2,476257E+22	2,529733E+22	2,494633E+22	2,380377E+22	2,276259E+22	2,276257E+22	2,380376E+22	2,494641E+22
2974	2,529753E+22	2,476322E+22	2,407343E+22	2,407346E+22	2,476356E+22	2,529815E+22	2,494699E+22	2,380417E+22	2,276269E+22	2,276243E+22	2,380349E+22	2,494626E+22
2975	2,529766E+22	2,476343E+22	2,407359E+22	2,407360E+22	2,476328E+22	2,529736E+22	2,494631E+22	2,380391E+22	2,276284E+22	2,276276E+22	2,380366E+22	2,494605E+22
2976	2,529715E+22	2,476273E+22	2,407270E+22	2,407267E+22	2,476269E+22	2,529714E+22	2,494637E+22	2,380420E+22	2,276322E+22	2,276309E+22	2,380395E+22	2,494632E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2977	2,529753E+22	2,476356E+22	2,407400E+22	2,407410E+22	2,476408E+22	2,529810E+22	2,494656E+22	2,380399E+22	2,276315E+22	2,276338E+22	2,380439E+22	2,494658E+22
2978	2,529743E+22	2,476313E+22	2,407342E+22	2,407332E+22	2,476299E+22	2,529728E+22	2,494628E+22	2,380403E+22	2,276330E+22	2,276349E+22	2,380448E+22	2,494674E+22
2979	2,529750E+22	2,476293E+22	2,407312E+22	2,407336E+22	2,476340E+22	2,529781E+22	2,494683E+22	2,380447E+22	2,276348E+22	2,276341E+22	2,380431E+22	2,494684E+22
2980	2,529825E+22	2,476425E+22	2,407450E+22	2,407456E+22	2,476432E+22	2,529807E+22	2,494665E+22	2,380434E+22	2,276359E+22	2,276363E+22	2,380440E+22	2,494668E+22
2981	2,529791E+22	2,476376E+22	2,407377E+22	2,407323E+22	2,476278E+22	2,529718E+22	2,494646E+22	2,380459E+22	2,276400E+22	2,276394E+22	2,380453E+22	2,494663E+22
2982	2,529770E+22	2,476378E+22	2,407446E+22	2,407451E+22	2,476399E+22	2,529803E+22	2,494706E+22	2,380496E+22	2,276411E+22	2,276389E+22	2,380441E+22	2,494657E+22
2983	2,529786E+22	2,476408E+22	2,407482E+22	2,407505E+22	2,476442E+22	2,529787E+22	2,494646E+22	2,380443E+22	2,276400E+22	2,276410E+22	2,380466E+22	2,494651E+22
2984	2,529734E+22	2,476317E+22	2,407356E+22	2,407353E+22	2,476331E+22	2,529757E+22	2,494662E+22	2,380460E+22	2,276400E+22	2,276405E+22	2,380473E+22	2,494680E+22
2985	2,529777E+22	2,476378E+22	2,407443E+22	2,407460E+22	2,476441E+22	2,529855E+22	2,494719E+22	2,380468E+22	2,276381E+22	2,276387E+22	2,380465E+22	2,494681E+22
2986	2,529784E+22	2,476367E+22	2,407402E+22	2,407388E+22	2,476330E+22	2,529741E+22	2,494658E+22	2,380459E+22	2,276390E+22	2,276383E+22	2,380446E+22	2,494659E+22
2987	2,529757E+22	2,476321E+22	2,407330E+22	2,407328E+22	2,476314E+22	2,529742E+22	2,494658E+22	2,380461E+22	2,276382E+22	2,276362E+22	2,380420E+22	2,494649E+22
2988	2,529791E+22	2,476415E+22	2,407459E+22	2,407456E+22	2,476428E+22	2,529801E+22	2,494643E+22	2,380411E+22	2,276344E+22	2,276354E+22	2,380433E+22	2,494653E+22
2989	2,529758E+22	2,476336E+22	2,407360E+22	2,407325E+22	2,476274E+22	2,529703E+22	2,494608E+22	2,380394E+22	2,276326E+22	2,276341E+22	2,380435E+22	2,494662E+22
2990	2,529744E+22	2,476300E+22	2,407343E+22	2,407373E+22	2,476358E+22	2,529783E+22	2,494679E+22	2,380430E+22	2,276307E+22	2,276291E+22	2,380389E+22	2,494650E+22
2991	2,529786E+22	2,476370E+22	2,407397E+22	2,407423E+22	2,476415E+22	2,529797E+22	2,494647E+22	2,380397E+22	2,276299E+22	2,276299E+22	2,380391E+22	2,494627E+22
2992	2,529736E+22	2,476304E+22	2,407298E+22	2,407256E+22	2,476251E+22	2,529718E+22	2,494632E+22	2,380409E+22	2,276316E+22	2,276308E+22	2,380395E+22	2,494634E+22
2993	2,529749E+22	2,476339E+22	2,407382E+22	2,407381E+22	2,476365E+22	2,529809E+22	2,494694E+22	2,380435E+22	2,276327E+22	2,276321E+22	2,380400E+22	2,494631E+22
2994	2,529753E+22	2,476345E+22	2,407387E+22	2,407388E+22	2,476331E+22	2,529722E+22	2,494626E+22	2,380423E+22	2,276353E+22	2,276353E+22	2,380425E+22	2,494635E+22
2995	2,529722E+22	2,476279E+22	2,407292E+22	2,407305E+22	2,476307E+22	2,529723E+22	2,494619E+22	2,380422E+22	2,276358E+22	2,276359E+22	2,380433E+22	2,494656E+22
2996	2,529772E+22	2,476375E+22	2,407425E+22	2,407442E+22	2,476440E+22	2,529838E+22	2,494674E+22	2,380421E+22	2,276346E+22	2,276364E+22	2,380457E+22	2,494687E+22
2997	2,529790E+22	2,476359E+22	2,407383E+22	2,407352E+22	2,476295E+22	2,529723E+22	2,494640E+22	2,380437E+22	2,276375E+22	2,276384E+22	2,380467E+22	2,494689E+22
2998	2,529779E+22	2,476345E+22	2,407379E+22	2,407384E+22	2,476342E+22	2,529761E+22	2,494690E+22	2,380495E+22	2,276407E+22	2,276378E+22	2,380428E+22	2,494657E+22
2999	2,529810E+22	2,476444E+22	2,407504E+22	2,407510E+22	2,476457E+22	2,529813E+22	2,494671E+22	2,380471E+22	2,276426E+22	2,276426E+22	2,380462E+22	2,494641E+22