

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	2,159721E+22	2,403841E+22	2,522401E+22	2,522379E+22	2,403775E+22	2,159621E+22	1,819151E+22	1,473610E+22	1,251771E+22	1,251794E+22	1,473650E+22	1,819166E+22
-2999	2,159585E+22	2,403680E+22	2,522270E+22	2,522337E+22	2,403808E+22	2,159693E+22	1,819236E+22	1,473683E+22	1,251816E+22	1,251805E+22	1,473648E+22	1,819173E+22
-2998	2,159637E+22	2,403788E+22	2,522346E+22	2,522350E+22	2,403799E+22	2,159674E+22	1,819216E+22	1,473684E+22	1,251843E+22	1,251856E+22	1,473730E+22	1,819277E+22
-2997	2,159692E+22	2,403774E+22	2,522303E+22	2,522287E+22	2,403742E+22	2,159656E+22	1,819228E+22	1,473704E+22	1,251864E+22	1,251858E+22	1,473677E+22	1,819174E+22
-2996	2,159583E+22	2,403676E+22	2,522251E+22	2,522268E+22	2,403725E+22	2,159656E+22	1,819270E+22	1,473778E+22	1,251940E+22	1,251920E+22	1,473728E+22	1,819230E+22
-2995	2,159684E+22	2,403805E+22	2,522340E+22	2,522311E+22	2,403719E+22	2,159601E+22	1,819205E+22	1,473745E+22	1,251948E+22	1,251966E+22	1,473795E+22	1,819268E+22
-2994	2,159633E+22	2,403700E+22	2,522243E+22	2,522262E+22	2,403731E+22	2,159646E+22	1,819242E+22	1,473762E+22	1,251954E+22	1,251950E+22	1,473743E+22	1,819194E+22
-2993	2,159575E+22	2,403693E+22	2,522285E+22	2,522289E+22	2,403730E+22	2,159642E+22	1,819250E+22	1,473779E+22	1,251973E+22	1,251976E+22	1,473801E+22	1,819312E+22
-2992	2,159727E+22	2,403795E+22	2,522321E+22	2,522300E+22	2,403722E+22	2,159613E+22	1,819206E+22	1,473732E+22	1,251940E+22	1,251966E+22	1,473786E+22	1,819246E+22
-2991	2,159613E+22	2,403670E+22	2,522211E+22	2,522249E+22	2,403740E+22	2,159677E+22	1,819281E+22	1,473784E+22	1,251948E+22	1,251925E+22	1,473718E+22	1,819191E+22
-2990	2,159614E+22	2,403764E+22	2,522331E+22	2,522313E+22	2,403752E+22	2,159653E+22	1,819247E+22	1,473763E+22	1,251944E+22	1,251938E+22	1,473764E+22	1,819281E+22
-2989	2,159691E+22	2,403778E+22	2,522326E+22	2,522311E+22	2,403739E+22	2,159632E+22	1,819214E+22	1,473720E+22	1,251905E+22	1,251904E+22	1,473705E+22	1,819171E+22
-2988	2,159561E+22	2,403649E+22	2,522234E+22	2,522285E+22	2,403758E+22	2,159669E+22	1,819253E+22	1,473746E+22	1,251905E+22	1,251891E+22	1,473708E+22	1,819207E+22
-2987	2,159647E+22	2,403783E+22	2,522337E+22	2,522331E+22	2,403761E+22	2,159637E+22	1,819200E+22	1,473689E+22	1,251859E+22	1,251877E+22	1,473746E+22	1,819276E+22
-2986	2,159663E+22	2,403727E+22	2,522266E+22	2,522280E+22	2,403754E+22	2,159662E+22	1,819218E+22	1,473677E+22	1,251824E+22	1,251816E+22	1,473647E+22	1,819166E+22
-2985	2,159595E+22	2,403717E+22	2,522299E+22	2,522297E+22	2,403743E+22	2,159650E+22	1,819224E+22	1,473692E+22	1,251830E+22	1,251817E+22	1,473669E+22	1,819239E+22
-2984	2,159734E+22	2,403858E+22	2,522387E+22	2,522345E+22	2,403740E+22	2,159602E+22	1,819157E+22	1,473635E+22	1,251804E+22	1,251827E+22	1,473683E+22	1,819199E+22
-2983	2,159622E+22	2,403729E+22	2,522278E+22	2,522299E+22	2,403764E+22	2,159658E+22	1,819213E+22	1,473674E+22	1,251816E+22	1,251802E+22	1,473632E+22	1,819141E+22
-2982	2,159580E+22	2,403753E+22	2,522354E+22	2,522357E+22	2,403791E+22	2,159657E+22	1,819203E+22	1,473679E+22	1,251839E+22	1,251841E+22	1,473699E+22	1,819262E+22
-2981	2,159704E+22	2,403795E+22	2,522349E+22	2,522346E+22	2,403772E+22	2,159641E+22	1,819186E+22	1,473660E+22	1,251833E+22	1,251849E+22	1,473688E+22	1,819192E+22
-2980	2,159593E+22	2,403658E+22	2,522213E+22	2,522264E+22	2,403755E+22	2,159676E+22	1,819258E+22	1,473737E+22	1,251887E+22	1,251872E+22	1,473693E+22	1,819195E+22
-2979	2,159636E+22	2,403777E+22	2,522324E+22	2,522301E+22	2,403735E+22	2,159639E+22	1,819237E+22	1,473748E+22	1,251921E+22	1,251923E+22	1,473765E+22	1,819282E+22
-2978	2,159674E+22	2,403747E+22	2,522280E+22	2,522263E+22	2,403711E+22	2,159633E+22	1,819239E+22	1,473759E+22	1,251949E+22	1,251945E+22	1,473731E+22	1,819179E+22
-2977	2,159558E+22	2,403660E+22	2,522247E+22	2,522256E+22	2,403704E+22	2,159631E+22	1,819260E+22	1,473803E+22	1,252000E+22	1,251991E+22	1,473784E+22	1,819256E+22
-2976	2,159675E+22	2,403783E+22	2,522325E+22	2,522302E+22	2,403715E+22	2,159600E+22	1,819206E+22	1,473763E+22	1,251998E+22	1,252032E+22	1,473848E+22	1,819291E+22
-2975	2,159625E+22	2,403666E+22	2,522201E+22	2,522225E+22	2,403712E+22	2,159648E+22	1,819264E+22	1,473803E+22	1,252008E+22	1,252007E+22	1,473788E+22	1,819221E+22
-2974	2,159576E+22	2,403667E+22	2,522243E+22	2,522263E+22	2,403731E+22	2,159653E+22	1,819275E+22	1,473822E+22	1,252025E+22	1,252017E+22	1,473818E+22	1,819313E+22
-2973	2,159723E+22	2,403785E+22	2,522302E+22	2,522274E+22	2,403709E+22	2,159623E+22	1,819240E+22	1,473788E+22	1,252004E+22	1,252013E+22	1,473804E+22	1,819244E+22
-2972	2,159599E+22	2,403653E+22	2,522190E+22	2,522210E+22	2,403695E+22	2,159649E+22	1,819288E+22	1,473828E+22	1,252014E+22	1,251991E+22	1,473762E+22	1,819196E+22
-2971	2,159582E+22	2,403722E+22	2,522309E+22	2,522294E+22	2,403720E+22	2,159628E+22	1,819254E+22	1,473802E+22	1,252000E+22	1,251997E+22	1,473807E+22	1,819295E+22
-2970	2,159668E+22	2,403727E+22	2,522279E+22	2,522282E+22	2,403729E+22	2,159633E+22	1,819225E+22	1,473749E+22	1,251955E+22	1,251965E+22	1,473756E+22	1,819196E+22
-2969	2,159561E+22	2,403634E+22	2,522204E+22	2,522240E+22	2,403723E+22	2,159652E+22	1,819252E+22	1,473759E+22	1,251932E+22	1,251925E+22	1,473739E+22	1,819235E+22
-2968	2,159671E+22	2,403789E+22	2,522322E+22	2,522297E+22	2,403731E+22	2,159622E+22	1,819202E+22	1,473708E+22	1,251895E+22	1,251914E+22	1,473763E+22	1,819277E+22
-2967	2,159666E+22	2,403731E+22	2,522257E+22	2,522246E+22	2,403711E+22	2,159636E+22	1,819226E+22	1,473717E+22	1,251878E+22	1,251864E+22	1,473672E+22	1,819164E+22
-2966	2,159575E+22	2,403697E+22	2,522293E+22	2,522305E+22	2,403746E+22	2,159640E+22	1,819226E+22	1,473723E+22	1,251883E+22	1,251868E+22	1,473691E+22	1,819229E+22
-2965	2,159705E+22	2,403827E+22	2,522375E+22	2,522352E+22	2,403757E+22	2,159616E+22	1,819176E+22	1,473674E+22	1,251862E+22	1,251883E+22	1,473722E+22	1,819211E+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	2,159602E+22	2,403689E+22	2,522238E+22	2,522261E+22	2,403742E+22	2,159656E+22	1,819229E+22	1,473712E+22	1,251874E+22	1,251870E+22	1,473689E+22	1,819170E+22
-2963	2,159566E+22	2,403707E+22	2,522311E+22	2,522317E+22	2,403757E+22	2,159655E+22	1,819238E+22	1,473734E+22	1,251901E+22	1,251899E+22	1,473739E+22	1,819280E+22
-2962	2,159700E+22	2,403760E+22	2,522296E+22	2,522295E+22	2,403743E+22	2,159642E+22	1,819219E+22	1,473722E+22	1,251912E+22	1,251924E+22	1,473733E+22	1,819200E+22
-2961	2,159588E+22	2,403659E+22	2,522199E+22	2,522214E+22	2,403700E+22	2,159646E+22	1,819265E+22	1,473783E+22	1,251958E+22	1,251942E+22	1,473737E+22	1,819208E+22
-2960	2,159631E+22	2,403766E+22	2,522318E+22	2,522282E+22	2,403701E+22	2,159608E+22	1,819232E+22	1,473784E+22	1,251996E+22	1,252007E+22	1,473818E+22	1,819290E+22
-2959	2,159650E+22	2,403706E+22	2,522245E+22	2,522234E+22	2,403684E+22	2,159609E+22	1,819239E+22	1,473799E+22	1,252022E+22	1,252028E+22	1,473799E+22	1,819211E+22
-2958	2,159543E+22	2,403613E+22	2,522203E+22	2,522243E+22	2,403712E+22	2,159635E+22	1,819267E+22	1,473831E+22	1,252051E+22	1,252049E+22	1,473830E+22	1,819284E+22
-2957	2,159679E+22	2,403757E+22	2,522288E+22	2,522274E+22	2,403710E+22	2,159618E+22	1,819240E+22	1,473807E+22	1,252048E+22	1,252076E+22	1,473880E+22	1,819314E+22
-2956	2,159636E+22	2,403659E+22	2,522169E+22	2,522171E+22	2,403667E+22	2,159635E+22	1,819287E+22	1,473851E+22	1,252067E+22	1,252059E+22	1,473820E+22	1,819231E+22
-2955	2,159571E+22	2,403659E+22	2,522237E+22	2,522235E+22	2,403687E+22	2,159636E+22	1,819302E+22	1,473879E+22	1,252089E+22	1,252069E+22	1,473837E+22	1,819299E+22
-2954	2,159695E+22	2,403753E+22	2,522280E+22	2,522262E+22	2,403697E+22	2,159616E+22	1,819255E+22	1,473834E+22	1,252073E+22	1,252082E+22	1,473843E+22	1,819235E+22
-2953	2,159569E+22	2,403632E+22	2,522177E+22	2,522192E+22	2,403677E+22	2,159633E+22	1,819284E+22	1,473848E+22	1,252059E+22	1,252046E+22	1,473808E+22	1,819219E+22
-2952	2,159574E+22	2,403691E+22	2,522281E+22	2,522271E+22	2,403705E+22	2,159622E+22	1,819254E+22	1,473817E+22	1,252039E+22	1,252047E+22	1,473847E+22	1,819312E+22
-2951	2,159662E+22	2,403689E+22	2,522229E+22	2,522236E+22	2,403696E+22	2,159622E+22	1,819240E+22	1,473783E+22	1,251999E+22	1,252010E+22	1,473796E+22	1,819221E+22
-2950	2,159570E+22	2,403616E+22	2,522172E+22	2,522216E+22	2,403711E+22	2,159646E+22	1,819262E+22	1,473789E+22	1,251972E+22	1,251958E+22	1,473754E+22	1,819236E+22
-2949	2,159674E+22	2,403792E+22	2,522319E+22	2,522278E+22	2,403708E+22	2,159616E+22	1,819220E+22	1,473749E+22	1,251947E+22	1,251957E+22	1,473784E+22	1,819275E+22
-2948	2,159653E+22	2,403719E+22	2,522250E+22	2,522224E+22	2,403675E+22	2,159605E+22	1,819223E+22	1,473749E+22	1,251937E+22	1,251928E+22	1,473718E+22	1,819173E+22
-2947	2,159550E+22	2,403659E+22	2,522274E+22	2,522294E+22	2,403728E+22	2,159629E+22	1,819237E+22	1,473759E+22	1,251938E+22	1,251926E+22	1,473732E+22	1,819238E+22
-2946	2,159681E+22	2,403774E+22	2,522325E+22	2,522327E+22	2,403756E+22	2,159631E+22	1,819201E+22	1,473714E+22	1,251921E+22	1,251948E+22	1,473771E+22	1,819229E+22
-2945	2,159598E+22	2,403670E+22	2,522203E+22	2,522215E+22	2,403708E+22	2,159649E+22	1,819246E+22	1,473748E+22	1,251923E+22	1,251921E+22	1,473730E+22	1,819197E+22
-2944	2,159580E+22	2,403695E+22	2,522281E+22	2,522274E+22	2,403718E+22	2,159641E+22	1,819253E+22	1,473779E+22	1,251967E+22	1,251962E+22	1,473773E+22	1,819281E+22
-2943	2,159688E+22	2,403741E+22	2,522269E+22	2,522251E+22	2,403694E+22	2,159616E+22	1,819235E+22	1,473780E+22	1,251993E+22	1,252002E+22	1,473785E+22	1,819212E+22
-2942	2,159570E+22	2,403625E+22	2,522177E+22	2,522209E+22	2,403690E+22	2,159627E+22	1,819266E+22	1,473822E+22	1,252028E+22	1,252015E+22	1,473783E+22	1,819216E+22
-2941	2,159616E+22	2,403739E+22	2,522295E+22	2,522271E+22	2,403699E+22	2,159612E+22	1,819248E+22	1,473826E+22	1,252061E+22	1,252076E+22	1,473875E+22	1,819320E+22
-2940	2,159645E+22	2,403677E+22	2,522208E+22	2,522195E+22	2,403653E+22	2,159597E+22	1,819252E+22	1,473838E+22	1,252083E+22	1,252096E+22	1,473859E+22	1,819248E+22
-2939	2,159546E+22	2,403583E+22	2,522167E+22	2,522206E+22	2,403680E+22	2,159634E+22	1,819302E+22	1,473885E+22	1,252109E+22	1,252100E+22	1,473860E+22	1,819295E+22
-2938	2,159679E+22	2,403739E+22	2,522255E+22	2,522239E+22	2,403691E+22	2,159625E+22	1,819276E+22	1,473869E+22	1,252121E+22	1,252138E+22	1,473910E+22	1,819307E+22
-2937	2,159625E+22	2,403665E+22	2,522167E+22	2,522138E+22	2,403621E+22	2,159610E+22	1,819297E+22	1,473894E+22	1,252129E+22	1,252117E+22	1,473852E+22	1,819229E+22
-2936	2,159549E+22	2,403633E+22	2,522226E+22	2,522227E+22	2,403666E+22	2,159612E+22	1,819297E+22	1,473911E+22	1,252154E+22	1,252140E+22	1,473879E+22	1,819292E+22
-2935	2,159656E+22	2,403700E+22	2,522237E+22	2,522235E+22	2,403677E+22	2,159601E+22	1,819257E+22	1,473866E+22	1,252131E+22	1,252150E+22	1,473903E+22	1,819263E+22
-2934	2,159552E+22	2,403577E+22	2,522123E+22	2,522170E+22	2,403673E+22	2,159631E+22	1,819287E+22	1,473867E+22	1,252095E+22	1,252088E+22	1,473843E+22	1,819244E+22
-2933	2,159586E+22	2,403674E+22	2,522241E+22	2,522235E+22	2,403685E+22	2,159625E+22	1,819276E+22	1,473851E+22	1,252075E+22	1,252078E+22	1,473874E+22	1,819336E+22
-2932	2,159679E+22	2,403692E+22	2,522205E+22	2,522186E+22	2,403642E+22	2,159592E+22	1,819245E+22	1,473817E+22	1,252044E+22	1,252051E+22	1,473824E+22	1,819233E+22
-2931	2,159571E+22	2,403616E+22	2,522176E+22	2,522200E+22	2,403672E+22	2,159624E+22	1,819276E+22	1,473826E+22	1,252020E+22	1,252000E+22	1,473771E+22	1,819224E+22
-2930	2,159652E+22	2,403771E+22	2,522311E+22	2,522283E+22	2,403710E+22	2,159614E+22	1,819231E+22	1,473784E+22	1,252004E+22	1,252017E+22	1,473821E+22	1,819267E+22
-2929	2,159626E+22	2,403705E+22	2,522242E+22	2,522216E+22	2,403667E+22	2,159601E+22	1,819225E+22	1,473769E+22	1,251978E+22	1,251979E+22	1,473763E+22	1,819194E+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	2,159541E+22	2,403624E+22	2,522243E+22	2,522278E+22	2,403723E+22	2,159634E+22	1,819249E+22	1,473790E+22	1,251990E+22	1,251983E+22	1,473772E+22	1,819248E+22
-2927	2,159666E+22	2,403730E+22	2,522268E+22	2,522280E+22	2,403729E+22	2,159631E+22	1,819232E+22	1,473769E+22	1,251985E+22	1,252008E+22	1,473816E+22	1,819252E+22
-2926	2,159599E+22	2,403640E+22	2,522160E+22	2,522181E+22	2,403685E+22	2,159641E+22	1,819269E+22	1,473801E+22	1,251991E+22	1,251979E+22	1,473761E+22	1,819202E+22
-2925	2,159577E+22	2,403686E+22	2,522263E+22	2,522242E+22	2,403680E+22	2,159625E+22	1,819277E+22	1,473838E+22	1,252043E+22	1,252032E+22	1,473820E+22	1,819291E+22
-2924	2,159668E+22	2,403714E+22	2,522244E+22	2,522216E+22	2,403644E+22	2,159575E+22	1,819233E+22	1,473825E+22	1,252071E+22	1,252088E+22	1,473855E+22	1,819241E+22
-2923	2,159555E+22	2,403590E+22	2,522148E+22	2,522184E+22	2,403662E+22	2,159613E+22	1,819276E+22	1,473860E+22	1,252092E+22	1,252087E+22	1,473839E+22	1,819242E+22
-2922	2,159608E+22	2,403700E+22	2,522248E+22	2,522240E+22	2,403688E+22	2,159617E+22	1,819269E+22	1,473867E+22	1,252123E+22	1,252142E+22	1,473924E+22	1,819339E+22
-2921	2,159652E+22	2,403676E+22	2,522184E+22	2,522156E+22	2,403618E+22	2,159585E+22	1,819266E+22	1,473875E+22	1,252133E+22	1,252145E+22	1,473894E+22	1,819267E+22
-2920	2,159558E+22	2,403583E+22	2,522154E+22	2,522180E+22	2,403650E+22	2,159618E+22	1,819313E+22	1,473931E+22	1,252177E+22	1,252157E+22	1,473882E+22	1,819277E+22
-2919	2,159647E+22	2,403711E+22	2,522233E+22	2,522214E+22	2,403659E+22	2,159608E+22	1,819295E+22	1,473926E+22	1,252197E+22	1,252208E+22	1,473951E+22	1,819306E+22
-2918	2,159590E+22	2,403615E+22	2,522141E+22	2,522144E+22	2,403625E+22	2,159603E+22	1,819303E+22	1,473930E+22	1,252190E+22	1,252180E+22	1,473893E+22	1,819234E+22
-2917	2,159524E+22	2,403592E+22	2,522187E+22	2,522207E+22	2,403662E+22	2,159620E+22	1,819317E+22	1,473946E+22	1,252204E+22	1,252196E+22	1,473932E+22	1,819321E+22
-2916	2,159643E+22	2,403660E+22	2,522184E+22	2,522185E+22	2,403640E+22	2,159586E+22	1,819266E+22	1,473896E+22	1,252177E+22	1,252204E+22	1,473957E+22	1,819305E+22
-2915	2,159566E+22	2,403558E+22	2,522083E+22	2,522122E+22	2,403634E+22	2,159621E+22	1,819307E+22	1,473902E+22	1,252136E+22	1,252123E+22	1,473866E+22	1,819256E+22
-2914	2,159597E+22	2,403675E+22	2,522217E+22	2,522200E+22	2,403657E+22	2,159616E+22	1,819293E+22	1,473891E+22	1,252128E+22	1,252124E+22	1,473895E+22	1,819329E+22
-2913	2,159678E+22	2,403713E+22	2,522218E+22	2,522171E+22	2,403602E+22	2,159559E+22	1,819240E+22	1,473843E+22	1,252089E+22	1,252096E+22	1,473850E+22	1,819236E+22
-2912	2,159557E+22	2,403602E+22	2,522177E+22	2,522209E+22	2,403665E+22	2,159603E+22	1,819264E+22	1,473849E+22	1,252073E+22	1,252056E+22	1,473803E+22	1,819217E+22
-2911	2,159612E+22	2,403723E+22	2,522274E+22	2,522268E+22	2,403708E+22	2,159618E+22	1,819244E+22	1,473818E+22	1,252056E+22	1,252074E+22	1,473870E+22	1,819289E+22
-2910	2,159609E+22	2,403653E+22	2,522193E+22	2,522201E+22	2,403671E+22	2,159611E+22	1,819245E+22	1,473801E+22	1,252021E+22	1,252022E+22	1,473794E+22	1,819211E+22
-2909	2,159546E+22	2,403605E+22	2,522196E+22	2,522234E+22	2,403701E+22	2,159644E+22	1,819287E+22	1,473843E+22	1,252045E+22	1,252029E+22	1,473807E+22	1,819264E+22
-2908	2,159663E+22	2,403718E+22	2,522233E+22	2,522222E+22	2,403669E+22	2,159600E+22	1,819247E+22	1,473825E+22	1,252060E+22	1,252075E+22	1,473861E+22	1,819268E+22
-2907	2,159591E+22	2,403624E+22	2,522141E+22	2,522148E+22	2,403636E+22	2,159612E+22	1,819282E+22	1,473852E+22	1,252066E+22	1,252049E+22	1,473802E+22	1,819204E+22
-2906	2,159557E+22	2,403661E+22	2,522240E+22	2,522229E+22	2,403666E+22	2,159610E+22	1,819284E+22	1,473884E+22	1,252120E+22	1,252115E+22	1,473879E+22	1,819303E+22
-2905	2,159655E+22	2,403704E+22	2,522226E+22	2,522192E+22	2,403618E+22	2,159555E+22	1,819230E+22	1,473851E+22	1,252125E+22	1,252154E+22	1,473914E+22	1,819276E+22
-2904	2,159555E+22	2,403564E+22	2,522120E+22	2,522166E+22	2,403649E+22	2,159606E+22	1,819283E+22	1,473896E+22	1,252152E+22	1,252148E+22	1,473880E+22	1,819255E+22
-2903	2,159597E+22	2,403668E+22	2,522204E+22	2,522202E+22	2,403668E+22	2,159620E+22	1,819299E+22	1,473923E+22	1,252192E+22	1,252204E+22	1,473965E+22	1,819353E+22
-2902	2,159644E+22	2,403650E+22	2,522155E+22	2,522137E+22	2,403604E+22	2,159583E+22	1,819290E+22	1,473928E+22	1,252202E+22	1,252203E+22	1,473919E+22	1,819262E+22
-2901	2,159541E+22	2,403567E+22	2,522134E+22	2,522160E+22	2,403629E+22	2,159613E+22	1,819341E+22	1,473990E+22	1,252251E+22	1,252226E+22	1,473929E+22	1,819281E+22
-2900	2,159607E+22	2,403665E+22	2,522194E+22	2,522181E+22	2,403624E+22	2,159578E+22	1,819296E+22	1,473969E+22	1,252270E+22	1,252286E+22	1,474015E+22	1,819335E+22
-2899	2,159570E+22	2,403567E+22	2,522090E+22	2,522103E+22	2,403598E+22	2,159595E+22	1,819316E+22	1,473963E+22	1,252243E+22	1,252240E+22	1,473943E+22	1,819262E+22
-2898	2,159523E+22	2,403559E+22	2,522134E+22	2,522162E+22	2,403638E+22	2,159619E+22	1,819334E+22	1,473980E+22	1,252252E+22	1,252247E+22	1,473972E+22	1,819344E+22
-2897	2,159661E+22	2,403674E+22	2,522162E+22	2,522137E+22	2,403592E+22	2,159560E+22	1,819269E+22	1,473919E+22	1,252211E+22	1,252236E+22	1,473981E+22	1,819326E+22
-2896	2,159586E+22	2,403578E+22	2,522088E+22	2,522106E+22	2,403603E+22	2,159593E+22	1,819300E+22	1,473930E+22	1,252185E+22	1,252163E+22	1,473876E+22	1,819241E+22
-2895	2,159576E+22	2,403665E+22	2,522215E+22	2,522196E+22	2,403642E+22	2,159600E+22	1,819297E+22	1,473926E+22	1,252182E+22	1,252174E+22	1,473923E+22	1,819326E+22
-2894	2,159648E+22	2,403679E+22	2,522210E+22	2,522196E+22	2,403623E+22	2,159560E+22	1,819243E+22	1,473867E+22	1,252133E+22	1,252141E+22	1,473877E+22	1,819236E+22
-2893	2,159535E+22	2,403573E+22	2,522150E+22	2,522202E+22	2,403676E+22	2,159624E+22	1,819292E+22	1,473886E+22	1,252117E+22	1,252103E+22	1,473847E+22	1,819234E+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	2,159583E+22	2,403673E+22	2,522221E+22	2,522225E+22	2,403681E+22	2,159614E+22	1,819268E+22	1,473863E+22	1,252112E+22	1,252129E+22	1,473915E+22	1,819320E+22
-2891	2,159611E+22	2,403626E+22	2,522143E+22	2,522145E+22	2,403634E+22	2,159612E+22	1,819279E+22	1,473854E+22	1,252083E+22	1,252076E+22	1,473825E+22	1,819222E+22
-2890	2,159545E+22	2,403594E+22	2,522158E+22	2,522181E+22	2,403657E+22	2,159628E+22	1,819308E+22	1,473899E+22	1,252122E+22	1,252100E+22	1,473845E+22	1,819264E+22
-2889	2,159652E+22	2,403722E+22	2,522224E+22	2,522188E+22	2,403615E+22	2,159555E+22	1,819238E+22	1,473860E+22	1,252127E+22	1,252147E+22	1,473914E+22	1,819291E+22
-2888	2,159582E+22	2,403606E+22	2,522129E+22	2,522140E+22	2,403614E+22	2,159574E+22	1,819259E+22	1,473879E+22	1,252136E+22	1,252126E+22	1,473855E+22	1,819217E+22
-2887	2,159530E+22	2,403616E+22	2,522196E+22	2,522202E+22	2,403654E+22	2,159603E+22	1,819289E+22	1,473916E+22	1,252180E+22	1,252184E+22	1,473938E+22	1,819339E+22
-2886	2,159649E+22	2,403662E+22	2,522187E+22	2,522181E+22	2,403618E+22	2,159560E+22	1,819248E+22	1,473886E+22	1,252176E+22	1,252203E+22	1,473948E+22	1,819297E+22
-2885	2,159565E+22	2,403558E+22	2,522088E+22	2,522131E+22	2,403630E+22	2,159616E+22	1,819323E+22	1,473954E+22	1,252212E+22	1,252199E+22	1,473916E+22	1,819262E+22
-2884	2,159577E+22	2,403648E+22	2,522176E+22	2,522159E+22	2,403622E+22	2,159600E+22	1,819323E+22	1,473985E+22	1,252272E+22	1,252274E+22	1,474005E+22	1,819360E+22
-2883	2,159624E+22	2,403623E+22	2,522129E+22	2,522107E+22	2,403575E+22	2,159574E+22	1,819313E+22	1,473983E+22	1,252280E+22	1,252277E+22	1,473960E+22	1,819260E+22
-2882	2,159512E+22	2,403529E+22	2,522094E+22	2,522133E+22	2,403617E+22	2,159611E+22	1,819356E+22	1,474037E+22	1,252325E+22	1,252306E+22	1,473985E+22	1,819295E+22
-2881	2,159591E+22	2,403642E+22	2,522158E+22	2,522142E+22	2,403591E+22	2,159560E+22	1,819297E+22	1,473994E+22	1,252319E+22	1,252345E+22	1,474069E+22	1,819378E+22
-2880	2,159581E+22	2,403546E+22	2,522056E+22	2,522072E+22	2,403571E+22	2,159574E+22	1,819314E+22	1,473993E+22	1,252295E+22	1,252288E+22	1,473974E+22	1,819279E+22
-2879	2,159526E+22	2,403545E+22	2,522100E+22	2,522122E+22	2,403609E+22	2,159608E+22	1,819349E+22	1,474020E+22	1,252304E+22	1,252292E+22	1,474000E+22	1,819358E+22
-2878	2,159661E+22	2,403669E+22	2,522160E+22	2,522132E+22	2,403574E+22	2,159546E+22	1,819277E+22	1,473953E+22	1,252258E+22	1,252275E+22	1,473994E+22	1,819316E+22
-2877	2,159572E+22	2,403579E+22	2,522095E+22	2,522109E+22	2,403596E+22	2,159588E+22	1,819315E+22	1,473967E+22	1,252235E+22	1,252214E+22	1,473911E+22	1,819238E+22
-2876	2,159534E+22	2,403624E+22	2,522191E+22	2,522184E+22	2,403631E+22	2,159588E+22	1,819298E+22	1,473957E+22	1,252237E+22	1,252234E+22	1,473969E+22	1,819346E+22
-2875	2,159626E+22	2,403630E+22	2,522160E+22	2,522161E+22	2,403618E+22	2,159575E+22	1,819263E+22	1,473895E+22	1,252178E+22	1,252189E+22	1,473912E+22	1,819253E+22
-2874	2,159528E+22	2,403539E+22	2,522093E+22	2,522155E+22	2,403659E+22	2,159633E+22	1,819320E+22	1,473929E+22	1,252171E+22	1,252155E+22	1,473882E+22	1,819251E+22
-2873	2,159590E+22	2,403671E+22	2,522186E+22	2,522167E+22	2,403627E+22	2,159587E+22	1,819276E+22	1,473900E+22	1,252162E+22	1,252175E+22	1,473946E+22	1,819339E+22
-2872	2,159617E+22	2,403625E+22	2,522131E+22	2,522114E+22	2,403588E+22	2,159572E+22	1,819271E+22	1,473894E+22	1,252152E+22	1,252137E+22	1,473854E+22	1,819218E+22
-2871	2,159520E+22	2,403573E+22	2,522143E+22	2,522164E+22	2,403631E+22	2,159601E+22	1,819307E+22	1,473938E+22	1,252190E+22	1,252173E+22	1,473897E+22	1,819281E+22
-2870	2,159629E+22	2,403686E+22	2,522208E+22	2,522193E+22	2,403615E+22	2,159545E+22	1,819236E+22	1,473886E+22	1,252180E+22	1,252208E+22	1,473959E+22	1,819310E+22
-2869	2,159574E+22	2,403585E+22	2,522105E+22	2,522126E+22	2,403616E+22	2,159587E+22	1,819282E+22	1,473915E+22	1,252186E+22	1,252185E+22	1,473909E+22	1,819245E+22
-2868	2,159516E+22	2,403578E+22	2,522148E+22	2,522162E+22	2,403630E+22	2,159600E+22	1,819312E+22	1,473966E+22	1,252245E+22	1,252244E+22	1,473982E+22	1,819367E+22
-2867	2,159656E+22	2,403642E+22	2,522141E+22	2,522128E+22	2,403592E+22	2,159571E+22	1,819288E+22	1,473947E+22	1,252248E+22	1,252263E+22	1,473975E+22	1,819297E+22
-2866	2,159555E+22	2,403546E+22	2,522062E+22	2,522090E+22	2,403596E+22	2,159611E+22	1,819357E+22	1,474024E+22	1,252302E+22	1,252279E+22	1,473955E+22	1,819257E+22
-2865	2,159550E+22	2,403628E+22	2,522158E+22	2,522128E+22	2,403577E+22	2,159565E+22	1,819326E+22	1,474033E+22	1,252350E+22	1,252355E+22	1,474061E+22	1,819378E+22
-2864	2,159603E+22	2,403587E+22	2,522100E+22	2,522087E+22	2,403553E+22	2,159545E+22	1,819302E+22	1,474020E+22	1,252355E+22	1,252356E+22	1,474017E+22	1,819278E+22
-2863	2,159488E+22	2,403481E+22	2,522040E+22	2,522089E+22	2,403594E+22	2,159604E+22	1,819365E+22	1,474069E+22	1,252382E+22	1,252372E+22	1,474043E+22	1,819334E+22
-2862	2,159594E+22	2,403609E+22	2,522122E+22	2,522115E+22	2,403572E+22	2,159553E+22	1,819308E+22	1,474023E+22	1,252360E+22	1,252385E+22	1,474096E+22	1,819399E+22
-2861	2,159603E+22	2,403557E+22	2,522045E+22	2,522044E+22	2,403546E+22	2,159569E+22	1,819334E+22	1,474031E+22	1,252338E+22	1,252328E+22	1,474001E+22	1,819284E+22
-2860	2,159512E+22	2,403535E+22	2,522092E+22	2,522099E+22	2,403573E+22	2,159582E+22	1,819354E+22	1,474059E+22	1,252361E+22	1,252343E+22	1,474026E+22	1,819360E+22
-2859	2,159646E+22	2,403650E+22	2,522150E+22	2,522123E+22	2,403570E+22	2,159549E+22	1,819290E+22	1,473986E+22	1,252311E+22	1,252327E+22	1,474021E+22	1,819308E+22
-2858	2,159543E+22	2,403548E+22	2,522070E+22	2,522096E+22	2,403600E+22	2,159599E+22	1,819333E+22	1,474001E+22	1,252287E+22	1,252271E+22	1,473949E+22	1,819244E+22
-2857	2,159510E+22	2,403588E+22	2,522154E+22	2,522151E+22	2,403611E+22	2,159584E+22	1,819308E+22	1,473980E+22	1,252276E+22	1,252280E+22	1,474009E+22	1,819374E+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	2,159628E+22	2,403603E+22	2,522122E+22	2,522126E+22	2,403593E+22	2,159560E+22	1,819269E+22	1,473931E+22	1,252230E+22	1,252235E+22	1,473939E+22	1,819263E+22
-2855	2,159524E+22	2,403517E+22	2,522047E+22	2,522097E+22	2,403619E+22	2,159621E+22	1,819338E+22	1,473974E+22	1,252231E+22	1,252210E+22	1,473916E+22	1,819265E+22
-2854	2,159584E+22	2,403654E+22	2,522175E+22	2,522146E+22	2,403592E+22	2,159562E+22	1,819281E+22	1,473938E+22	1,252221E+22	1,252230E+22	1,473974E+22	1,819343E+22
-2853	2,159610E+22	2,403618E+22	2,522129E+22	2,522105E+22	2,403567E+22	2,159550E+22	1,819275E+22	1,473930E+22	1,252209E+22	1,252204E+22	1,473909E+22	1,819231E+22
-2852	2,159489E+22	2,403530E+22	2,522113E+22	2,522141E+22	2,403609E+22	2,159581E+22	1,819303E+22	1,473967E+22	1,252250E+22	1,252243E+22	1,473955E+22	1,819314E+22
-2851	2,159625E+22	2,403649E+22	2,522162E+22	2,522153E+22	2,403606E+22	2,159560E+22	1,819258E+22	1,473919E+22	1,252232E+22	1,252265E+22	1,474000E+22	1,819329E+22
-2850	2,159576E+22	2,403566E+22	2,522066E+22	2,522084E+22	2,403597E+22	2,159598E+22	1,819318E+22	1,473970E+22	1,252252E+22	1,252245E+22	1,473942E+22	1,819256E+22
-2849	2,159520E+22	2,403575E+22	2,522124E+22	2,522115E+22	2,403585E+22	2,159583E+22	1,819333E+22	1,474019E+22	1,252315E+22	1,252306E+22	1,474014E+22	1,819374E+22
-2848	2,159649E+22	2,403632E+22	2,522132E+22	2,522107E+22	2,403557E+22	2,159540E+22	1,819294E+22	1,474006E+22	1,252336E+22	1,252340E+22	1,474011E+22	1,819287E+22
-2847	2,159517E+22	2,403507E+22	2,522034E+22	2,522067E+22	2,403577E+22	2,159598E+22	1,819371E+22	1,474078E+22	1,252386E+22	1,252367E+22	1,474017E+22	1,819275E+22
-2846	2,159517E+22	2,403573E+22	2,522128E+22	2,522118E+22	2,403569E+22	2,159560E+22	1,819334E+22	1,474069E+22	1,252412E+22	1,252425E+22	1,474114E+22	1,819402E+22
-2845	2,159595E+22	2,403555E+22	2,522066E+22	2,522060E+22	2,403539E+22	2,159550E+22	1,819325E+22	1,474057E+22	1,252406E+22	1,252420E+22	1,474078E+22	1,819313E+22
-2844	2,159484E+22	2,403446E+22	2,521993E+22	2,522042E+22	2,403559E+22	2,159590E+22	1,819379E+22	1,474110E+22	1,252439E+22	1,252428E+22	1,474086E+22	1,819366E+22
-2843	2,159613E+22	2,403602E+22	2,522085E+22	2,522060E+22	2,403540E+22	2,159555E+22	1,819330E+22	1,474064E+22	1,252415E+22	1,252432E+22	1,474117E+22	1,819395E+22
-2842	2,159599E+22	2,403560E+22	2,522042E+22	2,522022E+22	2,403519E+22	2,159559E+22	1,819352E+22	1,474078E+22	1,252402E+22	1,252387E+22	1,474028E+22	1,819276E+22
-2841	2,159494E+22	2,403522E+22	2,522087E+22	2,522087E+22	2,403546E+22	2,159552E+22	1,819346E+22	1,474085E+22	1,252411E+22	1,252398E+22	1,474064E+22	1,819368E+22
-2840	2,159626E+22	2,403613E+22	2,522125E+22	2,522114E+22	2,403564E+22	2,159532E+22	1,819282E+22	1,474010E+22	1,252360E+22	1,252379E+22	1,474055E+22	1,819315E+22
-2839	2,159519E+22	2,403500E+22	2,522022E+22	2,522059E+22	2,403588E+22	2,159607E+22	1,819351E+22	1,474031E+22	1,252329E+22	1,252319E+22	1,473992E+22	1,819271E+22
-2838	2,159506E+22	2,403549E+22	2,522117E+22	2,522118E+22	2,403586E+22	2,159581E+22	1,819327E+22	1,474012E+22	1,252313E+22	1,252313E+22	1,474027E+22	1,819382E+22
-2837	2,159638E+22	2,403606E+22	2,522108E+22	2,522090E+22	2,403559E+22	2,159552E+22	1,819291E+22	1,473971E+22	1,252276E+22	1,252282E+22	1,473972E+22	1,819266E+22
-2836	2,159508E+22	2,403500E+22	2,522033E+22	2,522067E+22	2,403574E+22	2,159587E+22	1,819337E+22	1,474013E+22	1,252294E+22	1,252272E+22	1,473955E+22	1,819276E+22
-2835	2,159577E+22	2,403633E+22	2,522153E+22	2,522123E+22	2,403578E+22	2,159557E+22	1,819286E+22	1,473969E+22	1,252279E+22	1,252293E+22	1,474014E+22	1,819347E+22
-2834	2,159594E+22	2,403595E+22	2,522110E+22	2,522090E+22	2,403563E+22	2,159555E+22	1,819290E+22	1,473967E+22	1,252269E+22	1,252271E+22	1,473957E+22	1,819251E+22
-2833	2,159483E+22	2,403502E+22	2,522083E+22	2,522112E+22	2,403585E+22	2,159572E+22	1,819315E+22	1,474000E+22	1,252300E+22	1,252298E+22	1,473999E+22	1,819343E+22
-2832	2,159634E+22	2,403630E+22	2,522131E+22	2,522124E+22	2,403584E+22	2,159550E+22	1,819276E+22	1,473972E+22	1,252301E+22	1,252323E+22	1,474030E+22	1,819332E+22
-2831	2,159566E+22	2,403546E+22	2,522033E+22	2,522038E+22	2,403565E+22	2,159597E+22	1,819351E+22	1,474033E+22	1,252332E+22	1,252319E+22	1,473986E+22	1,819261E+22
-2830	2,159494E+22	2,403541E+22	2,522112E+22	2,522099E+22	2,403555E+22	2,159567E+22	1,819352E+22	1,474076E+22	1,252394E+22	1,252382E+22	1,474056E+22	1,819372E+22
-2829	2,159624E+22	2,403603E+22	2,522115E+22	2,522094E+22	2,403541E+22	2,159528E+22	1,819307E+22	1,474053E+22	1,252411E+22	1,252428E+22	1,474083E+22	1,819307E+22
-2828	2,159482E+22	2,403444E+22	2,521977E+22	2,522025E+22	2,403546E+22	2,159578E+22	1,819372E+22	1,474116E+22	1,252457E+22	1,252448E+22	1,474087E+22	1,819320E+22
-2827	2,159524E+22	2,403531E+22	2,522062E+22	2,522058E+22	2,403545E+22	2,159567E+22	1,819354E+22	1,474105E+22	1,252467E+22	1,252485E+22	1,474161E+22	1,819431E+22
-2826	2,159612E+22	2,403546E+22	2,522029E+22	2,522009E+22	2,403502E+22	2,159543E+22	1,819349E+22	1,474104E+22	1,252463E+22	1,252471E+22	1,474110E+22	1,819328E+22
-2825	2,159498E+22	2,403452E+22	2,521979E+22	2,522002E+22	2,403508E+22	2,159558E+22	1,819383E+22	1,474145E+22	1,252490E+22	1,252474E+22	1,474111E+22	1,819371E+22
-2824	2,159613E+22	2,403605E+22	2,522093E+22	2,522057E+22	2,403515E+22	2,159522E+22	1,819327E+22	1,474103E+22	1,252476E+22	1,252485E+22	1,474139E+22	1,819379E+22
-2823	2,159565E+22	2,403531E+22	2,522029E+22	2,522017E+22	2,403517E+22	2,159558E+22	1,819361E+22	1,474111E+22	1,252457E+22	1,252446E+22	1,474070E+22	1,819282E+22
-2822	2,159460E+22	2,403473E+22	2,522068E+22	2,522089E+22	2,403551E+22	2,159561E+22	1,819359E+22	1,474110E+22	1,252450E+22	1,252441E+22	1,474094E+22	1,819375E+22
-2821	2,159614E+22	2,403583E+22	2,522095E+22	2,522095E+22	2,403559E+22	2,159544E+22	1,819309E+22	1,474042E+22	1,252397E+22	1,252422E+22	1,474097E+22	1,819332E+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	2,159507E+22	2,403460E+22	2,521969E+22	2,522008E+22	2,403549E+22	2,159595E+22	1,819370E+22	1,474074E+22	1,252382E+22	1,252366E+22	1,474025E+22	1,819293E+22
-2819	2,159518E+22	2,403537E+22	2,522074E+22	2,522059E+22	2,403547E+22	2,159579E+22	1,819349E+22	1,474057E+22	1,252370E+22	1,252364E+22	1,474052E+22	1,819376E+22
-2818	2,159630E+22	2,403603E+22	2,522102E+22	2,522065E+22	2,403521E+22	2,159529E+22	1,819303E+22	1,474018E+22	1,252344E+22	1,252348E+22	1,474011E+22	1,819270E+22
-2817	2,159496E+22	2,403480E+22	2,522021E+22	2,522053E+22	2,403543E+22	2,159550E+22	1,819321E+22	1,474035E+22	1,252347E+22	1,252337E+22	1,474007E+22	1,819299E+22
-2816	2,159571E+22	2,403606E+22	2,522129E+22	2,522111E+22	2,403565E+22	2,159535E+22	1,819278E+22	1,473995E+22	1,252333E+22	1,252351E+22	1,474058E+22	1,819364E+22
-2815	2,159584E+22	2,403560E+22	2,522071E+22	2,522060E+22	2,403552E+22	2,159563E+22	1,819312E+22	1,474004E+22	1,252320E+22	1,252327E+22	1,474004E+22	1,819278E+22
-2814	2,159482E+22	2,403476E+22	2,522060E+22	2,522088E+22	2,403564E+22	2,159573E+22	1,819342E+22	1,474048E+22	1,252355E+22	1,252344E+22	1,474023E+22	1,819342E+22
-2813	2,159630E+22	2,403625E+22	2,522122E+22	2,522101E+22	2,403559E+22	2,159548E+22	1,819308E+22	1,474029E+22	1,252369E+22	1,252390E+22	1,474072E+22	1,819330E+22
-2812	2,159534E+22	2,403508E+22	2,522008E+22	2,522012E+22	2,403529E+22	2,159575E+22	1,819367E+22	1,474093E+22	1,252418E+22	1,252404E+22	1,474042E+22	1,819276E+22
-2811	2,159477E+22	2,403495E+22	2,522058E+22	2,522058E+22	2,403540E+22	2,159570E+22	1,819369E+22	1,474123E+22	1,252470E+22	1,252464E+22	1,474113E+22	1,819382E+22
-2810	2,159601E+22	2,403563E+22	2,522073E+22	2,522058E+22	2,403521E+22	2,159529E+22	1,819329E+22	1,474102E+22	1,252482E+22	1,252505E+22	1,474145E+22	1,819342E+22
-2809	2,159488E+22	2,403414E+22	2,521932E+22	2,521977E+22	2,403502E+22	2,159553E+22	1,819377E+22	1,474150E+22	1,252512E+22	1,252508E+22	1,474138E+22	1,819358E+22
-2808	2,159546E+22	2,403523E+22	2,522028E+22	2,522016E+22	2,403502E+22	2,159536E+22	1,819361E+22	1,474152E+22	1,252529E+22	1,252536E+22	1,474188E+22	1,819436E+22
-2807	2,159612E+22	2,403544E+22	2,522015E+22	2,521977E+22	2,403468E+22	2,159530E+22	1,819368E+22	1,474153E+22	1,252528E+22	1,252531E+22	1,474144E+22	1,819330E+22
-2806	2,159477E+22	2,403437E+22	2,521991E+22	2,522006E+22	2,403486E+22	2,159538E+22	1,819390E+22	1,474184E+22	1,252547E+22	1,252527E+22	1,474137E+22	1,819359E+22
-2805	2,159583E+22	2,403583E+22	2,522089E+22	2,522065E+22	2,403518E+22	2,159522E+22	1,819337E+22	1,474133E+22	1,252525E+22	1,252546E+22	1,474188E+22	1,819385E+22
-2804	2,159525E+22	2,403471E+22	2,521981E+22	2,521992E+22	2,403506E+22	2,159556E+22	1,819372E+22	1,474141E+22	1,252507E+22	1,252502E+22	1,474117E+22	1,819311E+22
-2803	2,159459E+22	2,403428E+22	2,521995E+22	2,522034E+22	2,403538E+22	2,159580E+22	1,819386E+22	1,474144E+22	1,252493E+22	1,252483E+22	1,474123E+22	1,819384E+22
-2802	2,159615E+22	2,403569E+22	2,522058E+22	2,522050E+22	2,403525E+22	2,159540E+22	1,819336E+22	1,474091E+22	1,252451E+22	1,252466E+22	1,474122E+22	1,819344E+22
-2801	2,159515E+22	2,403457E+22	2,521951E+22	2,521968E+22	2,403493E+22	2,159553E+22	1,819367E+22	1,474108E+22	1,252435E+22	1,252415E+22	1,474055E+22	1,819302E+22
-2800	2,159519E+22	2,403536E+22	2,522072E+22	2,522049E+22	2,403511E+22	2,159533E+22	1,819339E+22	1,474093E+22	1,252430E+22	1,252421E+22	1,474086E+22	1,819374E+22
-2799	2,159606E+22	2,403580E+22	2,522086E+22	2,522058E+22	2,403514E+22	2,159521E+22	1,819305E+22	1,474045E+22	1,252397E+22	1,252411E+22	1,474064E+22	1,819290E+22
-2798	2,159473E+22	2,403447E+22	2,522010E+22	2,522053E+22	2,403542E+22	2,159553E+22	1,819332E+22	1,474058E+22	1,252386E+22	1,252381E+22	1,474045E+22	1,819317E+22
-2797	2,159570E+22	2,403587E+22	2,522107E+22	2,522100E+22	2,403565E+22	2,159549E+22	1,819305E+22	1,474030E+22	1,252376E+22	1,252401E+22	1,474101E+22	1,819381E+22
-2796	2,159574E+22	2,403526E+22	2,522021E+22	2,522016E+22	2,403522E+22	2,159559E+22	1,819340E+22	1,474059E+22	1,252388E+22	1,252385E+22	1,474040E+22	1,819293E+22
-2795	2,159485E+22	2,403457E+22	2,522011E+22	2,522035E+22	2,403534E+22	2,159578E+22	1,819376E+22	1,474111E+22	1,252435E+22	1,252414E+22	1,474057E+22	1,819331E+22
-2794	2,159601E+22	2,403602E+22	2,522102E+22	2,522075E+22	2,403524E+22	2,159528E+22	1,819330E+22	1,474095E+22	1,252459E+22	1,252473E+22	1,474125E+22	1,819341E+22
-2793	2,159510E+22	2,403462E+22	2,521965E+22	2,521977E+22	2,403488E+22	2,159537E+22	1,819360E+22	1,474132E+22	1,252493E+22	1,252488E+22	1,474111E+22	1,819311E+22
-2792	2,159472E+22	2,403459E+22	2,522010E+22	2,522019E+22	2,403503E+22	2,159540E+22	1,819370E+22	1,474163E+22	1,252537E+22	1,252535E+22	1,474171E+22	1,819411E+22
-2791	2,159599E+22	2,403534E+22	2,522023E+22	2,522007E+22	2,403487E+22	2,159522E+22	1,819348E+22	1,474144E+22	1,252541E+22	1,252567E+22	1,474196E+22	1,819374E+22
-2790	2,159495E+22	2,403409E+22	2,521920E+22	2,521948E+22	2,403467E+22	2,159538E+22	1,819391E+22	1,474191E+22	1,252565E+22	1,252553E+22	1,474161E+22	1,819361E+22
-2789	2,159550E+22	2,403536E+22	2,522038E+22	2,522010E+22	2,403481E+22	2,159522E+22	1,819375E+22	1,474193E+22	1,252588E+22	1,252595E+22	1,474221E+22	1,819428E+22
-2788	2,159578E+22	2,403513E+22	2,522001E+22	2,521973E+22	2,403454E+22	2,159513E+22	1,819376E+22	1,474197E+22	1,252597E+22	1,252598E+22	1,474185E+22	1,819336E+22
-2787	2,159455E+22	2,403397E+22	2,521947E+22	2,521989E+22	2,403498E+22	2,159557E+22	1,819409E+22	1,474222E+22	1,252605E+22	1,252589E+22	1,474177E+22	1,819357E+22
-2786	2,159547E+22	2,403540E+22	2,522053E+22	2,522044E+22	2,403514E+22	2,159537E+22	1,819368E+22	1,474178E+22	1,252581E+22	1,252600E+22	1,474230E+22	1,819410E+22
-2785	2,159520E+22	2,403431E+22	2,521928E+22	2,521946E+22	2,403472E+22	2,159542E+22	1,819385E+22	1,474176E+22	1,252555E+22	1,252550E+22	1,474156E+22	1,819341E+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	2,159476E+22	2,403418E+22	2,521951E+22	2,521980E+22	2,403490E+22	2,159551E+22	1,819397E+22	1,474189E+22	1,252549E+22	1,252529E+22	1,474148E+22	1,819387E+22
-2783	2,159608E+22	2,403565E+22	2,522037E+22	2,522011E+22	2,403484E+22	2,159520E+22	1,819347E+22	1,474132E+22	1,252511E+22	1,252524E+22	1,474161E+22	1,819354E+22
-2782	2,159499E+22	2,403450E+22	2,521961E+22	2,521967E+22	2,403466E+22	2,159520E+22	1,819358E+22	1,474132E+22	1,252483E+22	1,252466E+22	1,474090E+22	1,819308E+22
-2781	2,159504E+22	2,403521E+22	2,522067E+22	2,522056E+22	2,403512E+22	2,159522E+22	1,819331E+22	1,474106E+22	1,252470E+22	1,252478E+22	1,474137E+22	1,819392E+22
-2780	2,159583E+22	2,403536E+22	2,522045E+22	2,522037E+22	2,403505E+22	2,159520E+22	1,819314E+22	1,474072E+22	1,252441E+22	1,252460E+22	1,474108E+22	1,819324E+22
-2779	2,159485E+22	2,403420E+22	2,521949E+22	2,522006E+22	2,403533E+22	2,159572E+22	1,819362E+22	1,474098E+22	1,252433E+22	1,252423E+22	1,474067E+22	1,819316E+22
-2778	2,159559E+22	2,403578E+22	2,522081E+22	2,522063E+22	2,403538E+22	2,159552E+22	1,819344E+22	1,474093E+22	1,252444E+22	1,252452E+22	1,474123E+22	1,819382E+22
-2777	2,159566E+22	2,403512E+22	2,521999E+22	2,521981E+22	2,403475E+22	2,159527E+22	1,819348E+22	1,474111E+22	1,252465E+22	1,252456E+22	1,474080E+22	1,819299E+22
-2776	2,159471E+22	2,403435E+22	2,521982E+22	2,522008E+22	2,403496E+22	2,159540E+22	1,819380E+22	1,474166E+22	1,252518E+22	1,252494E+22	1,474107E+22	1,819335E+22
-2775	2,159565E+22	2,403559E+22	2,522062E+22	2,522048E+22	2,403508E+22	2,159521E+22	1,819343E+22	1,474139E+22	1,252534E+22	1,252557E+22	1,474195E+22	1,819374E+22
-2774	2,159489E+22	2,403425E+22	2,521939E+22	2,521952E+22	2,403462E+22	2,159524E+22	1,819368E+22	1,474167E+22	1,252550E+22	1,252551E+22	1,474163E+22	1,819342E+22
-2773	2,159479E+22	2,403445E+22	2,521982E+22	2,521992E+22	2,403482E+22	2,159533E+22	1,819385E+22	1,474199E+22	1,252592E+22	1,252598E+22	1,474221E+22	1,819433E+22
-2772	2,159596E+22	2,403515E+22	2,521986E+22	2,521964E+22	2,403450E+22	2,159508E+22	1,819368E+22	1,474196E+22	1,252612E+22	1,252630E+22	1,474234E+22	1,819390E+22
-2771	2,159499E+22	2,403402E+22	2,521890E+22	2,521914E+22	2,403448E+22	2,159538E+22	1,819415E+22	1,474244E+22	1,252638E+22	1,252619E+22	1,474191E+22	1,819347E+22
-2770	2,159515E+22	2,403515E+22	2,522033E+22	2,522008E+22	2,403472E+22	2,159516E+22	1,819395E+22	1,474248E+22	1,252665E+22	1,252665E+22	1,474264E+22	1,819437E+22
-2769	2,159552E+22	2,403464E+22	2,521960E+22	2,521953E+22	2,403439E+22	2,159497E+22	1,819374E+22	1,474228E+22	1,252658E+22	1,252666E+22	1,474240E+22	1,819364E+22
-2768	2,159448E+22	2,403358E+22	2,521891E+22	2,521947E+22	2,403472E+22	2,159545E+22	1,819422E+22	1,474261E+22	1,252657E+22	1,252642E+22	1,474220E+22	1,819378E+22
-2767	2,159537E+22	2,403507E+22	2,522000E+22	2,521993E+22	2,403485E+22	2,159537E+22	1,819393E+22	1,474219E+22	1,252630E+22	1,252648E+22	1,474268E+22	1,819432E+22
-2766	2,159520E+22	2,403428E+22	2,521915E+22	2,521909E+22	2,403428E+22	2,159519E+22	1,819394E+22	1,474211E+22	1,252600E+22	1,252587E+22	1,474175E+22	1,819346E+22
-2765	2,159481E+22	2,403433E+22	2,521961E+22	2,521970E+22	2,403462E+22	2,159526E+22	1,819395E+22	1,474214E+22	1,252597E+22	1,252582E+22	1,474181E+22	1,819388E+22
-2764	2,159583E+22	2,403540E+22	2,522020E+22	2,521998E+22	2,403464E+22	2,159497E+22	1,819342E+22	1,474160E+22	1,252564E+22	1,252580E+22	1,474199E+22	1,819369E+22
-2763	2,159490E+22	2,403424E+22	2,521924E+22	2,521952E+22	2,403478E+22	2,159533E+22	1,819365E+22	1,474155E+22	1,252527E+22	1,252515E+22	1,474123E+22	1,819313E+22
-2762	2,159483E+22	2,403497E+22	2,522047E+22	2,522045E+22	2,403513E+22	2,159534E+22	1,819356E+22	1,474144E+22	1,252517E+22	1,252518E+22	1,474165E+22	1,819415E+22
-2761	2,159583E+22	2,403503E+22	2,522000E+22	2,521999E+22	2,403480E+22	2,159509E+22	1,819329E+22	1,474111E+22	1,252493E+22	1,252507E+22	1,474138E+22	1,819342E+22
-2760	2,159494E+22	2,403414E+22	2,521913E+22	2,521959E+22	2,403490E+22	2,159553E+22	1,819386E+22	1,474158E+22	1,252503E+22	1,252481E+22	1,474094E+22	1,819308E+22
-2759	2,159528E+22	2,403556E+22	2,522058E+22	2,522028E+22	2,403501E+22	2,159538E+22	1,819368E+22	1,474154E+22	1,252527E+22	1,252530E+22	1,474170E+22	1,819384E+22
-2758	2,159528E+22	2,403483E+22	2,521990E+22	2,521966E+22	2,403446E+22	2,159498E+22	1,819348E+22	1,474153E+22	1,252538E+22	1,252534E+22	1,474135E+22	1,819315E+22
-2757	2,159450E+22	2,403404E+22	2,521953E+22	2,521990E+22	2,403484E+22	2,159526E+22	1,819375E+22	1,474191E+22	1,252581E+22	1,252577E+22	1,474177E+22	1,819367E+22
-2756	2,159546E+22	2,403506E+22	2,522000E+22	2,522000E+22	2,403480E+22	2,159512E+22	1,819354E+22	1,474177E+22	1,252596E+22	1,252627E+22	1,474255E+22	1,819421E+22
-2755	2,159511E+22	2,403405E+22	2,521879E+22	2,521900E+22	2,403443E+22	2,159527E+22	1,819391E+22	1,474212E+22	1,252611E+22	1,252607E+22	1,474197E+22	1,819353E+22
-2754	2,159479E+22	2,403447E+22	2,521972E+22	2,521964E+22	2,403453E+22	2,159525E+22	1,819413E+22	1,474259E+22	1,252664E+22	1,252654E+22	1,474248E+22	1,819443E+22
-2753	2,159590E+22	2,403501E+22	2,521973E+22	2,521944E+22	2,403417E+22	2,159480E+22	1,819374E+22	1,474244E+22	1,252686E+22	1,252701E+22	1,474275E+22	1,819396E+22
-2752	2,159485E+22	2,403385E+22	2,521871E+22	2,521899E+22	2,403427E+22	2,159520E+22	1,819428E+22	1,474295E+22	1,252710E+22	1,252691E+22	1,474235E+22	1,819345E+22
-2751	2,159471E+22	2,403468E+22	2,521997E+22	2,521989E+22	2,403471E+22	2,159529E+22	1,819419E+22	1,474292E+22	1,252729E+22	1,252735E+22	1,474318E+22	1,819458E+22
-2750	2,159528E+22	2,403428E+22	2,521931E+22	2,521926E+22	2,403422E+22	2,159496E+22	1,819391E+22	1,474263E+22	1,252706E+22	1,252716E+22	1,474279E+22	1,819390E+22
-2749	2,159455E+22	2,403340E+22	2,521852E+22	2,521908E+22	2,403448E+22	2,159539E+22	1,819435E+22	1,474291E+22	1,252705E+22	1,252693E+22	1,474255E+22	1,819393E+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	2,159532E+22	2,403485E+22	2,521958E+22	2,521938E+22	2,403441E+22	2,159519E+22	1,819407E+22	1,474263E+22	1,252688E+22	1,252699E+22	1,474297E+22	1,819448E+22
-2747	2,159527E+22	2,403423E+22	2,521891E+22	2,521875E+22	2,403399E+22	2,159500E+22	1,819399E+22	1,474247E+22	1,252655E+22	1,252640E+22	1,474201E+22	1,819336E+22
-2746	2,159452E+22	2,403417E+22	2,521963E+22	2,521970E+22	2,403449E+22	2,159507E+22	1,819395E+22	1,474246E+22	1,252650E+22	1,252634E+22	1,474217E+22	1,819404E+22
-2745	2,159567E+22	2,403502E+22	2,521990E+22	2,521981E+22	2,403452E+22	2,159479E+22	1,819331E+22	1,474175E+22	1,252606E+22	1,252633E+22	1,474243E+22	1,819396E+22
-2744	2,159494E+22	2,403403E+22	2,521884E+22	2,521915E+22	2,403454E+22	2,159526E+22	1,819380E+22	1,474187E+22	1,252566E+22	1,252556E+22	1,474152E+22	1,819324E+22
-2743	2,159472E+22	2,403471E+22	2,522009E+22	2,522007E+22	2,403495E+22	2,159543E+22	1,819387E+22	1,474189E+22	1,252569E+22	1,252564E+22	1,474191E+22	1,819420E+22
-2742	2,159572E+22	2,403499E+22	2,521994E+22	2,521971E+22	2,403446E+22	2,159492E+22	1,819343E+22	1,474156E+22	1,252551E+22	1,252556E+22	1,474160E+22	1,819339E+22
-2741	2,159480E+22	2,403407E+22	2,521911E+22	2,521945E+22	2,403466E+22	2,159533E+22	1,819390E+22	1,474197E+22	1,252573E+22	1,252556E+22	1,474141E+22	1,819310E+22
-2740	2,159489E+22	2,403504E+22	2,522019E+22	2,522001E+22	2,403481E+22	2,159523E+22	1,819375E+22	1,474198E+22	1,252602E+22	1,252612E+22	1,474231E+22	1,819412E+22
-2739	2,159515E+22	2,403439E+22	2,521934E+22	2,521931E+22	2,403442E+22	2,159504E+22	1,819363E+22	1,474192E+22	1,252603E+22	1,252608E+22	1,474192E+22	1,819338E+22
-2738	2,159437E+22	2,403373E+22	2,521921E+22	2,521960E+22	2,403466E+22	2,159527E+22	1,819400E+22	1,474239E+22	1,252645E+22	1,252637E+22	1,474226E+22	1,819410E+22
-2737	2,159562E+22	2,403480E+22	2,521950E+22	2,521947E+22	2,403440E+22	2,159492E+22	1,819365E+22	1,474223E+22	1,252663E+22	1,252691E+22	1,474297E+22	1,819447E+22
-2736	2,159532E+22	2,403413E+22	2,521856E+22	2,521851E+22	2,403392E+22	2,159504E+22	1,819415E+22	1,474273E+22	1,252686E+22	1,252674E+22	1,474230E+22	1,819350E+22
-2735	2,159456E+22	2,403432E+22	2,521964E+22	2,521946E+22	2,403428E+22	2,159514E+22	1,819435E+22	1,474318E+22	1,252746E+22	1,252732E+22	1,474293E+22	1,819441E+22
-2734	2,159553E+22	2,403473E+22	2,521968E+22	2,521940E+22	2,403403E+22	2,159463E+22	1,819378E+22	1,474285E+22	1,252754E+22	1,252772E+22	1,474325E+22	1,819409E+22
-2733	2,159463E+22	2,403351E+22	2,521843E+22	2,521883E+22	2,403424E+22	2,159521E+22	1,819434E+22	1,474322E+22	1,252768E+22	1,252764E+22	1,474294E+22	1,819370E+22
-2732	2,159447E+22	2,403406E+22	2,521930E+22	2,521933E+22	2,403443E+22	2,159530E+22	1,819442E+22	1,474333E+22	1,252785E+22	1,252792E+22	1,474361E+22	1,819487E+22
-2731	2,159539E+22	2,403402E+22	2,521870E+22	2,521869E+22	2,403396E+22	2,159495E+22	1,819414E+22	1,474306E+22	1,252759E+22	1,252762E+22	1,474303E+22	1,819392E+22
-2730	2,159451E+22	2,403343E+22	2,521847E+22	2,521878E+22	2,403409E+22	2,159518E+22	1,819450E+22	1,474337E+22	1,252763E+22	1,252738E+22	1,474278E+22	1,819403E+22
-2729	2,159527E+22	2,403467E+22	2,521943E+22	2,521914E+22	2,403401E+22	2,159478E+22	1,819395E+22	1,474292E+22	1,252745E+22	1,252758E+22	1,474333E+22	1,819457E+22
-2728	2,159523E+22	2,403412E+22	2,521881E+22	2,521863E+22	2,403376E+22	2,159478E+22	1,819398E+22	1,474275E+22	1,252703E+22	1,252695E+22	1,474239E+22	1,819340E+22
-2727	2,159423E+22	2,403384E+22	2,521944E+22	2,521962E+22	2,403451E+22	2,159517E+22	1,819410E+22	1,474272E+22	1,252692E+22	1,252684E+22	1,474257E+22	1,819419E+22
-2726	2,159552E+22	2,403479E+22	2,521974E+22	2,521965E+22	2,403444E+22	2,159482E+22	1,819345E+22	1,474199E+22	1,252640E+22	1,252669E+22	1,474269E+22	1,819412E+22
-2725	2,159502E+22	2,403396E+22	2,521863E+22	2,521888E+22	2,403441E+22	2,159530E+22	1,819396E+22	1,474217E+22	1,252614E+22	1,252605E+22	1,474179E+22	1,819326E+22
-2724	2,159453E+22	2,403438E+22	2,521970E+22	2,521959E+22	2,403460E+22	2,159537E+22	1,819413E+22	1,474243E+22	1,252638E+22	1,252625E+22	1,474222E+22	1,819422E+22
-2723	2,159559E+22	2,403473E+22	2,521963E+22	2,521944E+22	2,403426E+22	2,159481E+22	1,819359E+22	1,474206E+22	1,252625E+22	1,252628E+22	1,474202E+22	1,819337E+22
-2722	2,159447E+22	2,403372E+22	2,521892E+22	2,521931E+22	2,403449E+22	2,159517E+22	1,819399E+22	1,474242E+22	1,252644E+22	1,252629E+22	1,474199E+22	1,819345E+22
-2721	2,159479E+22	2,403450E+22	2,521963E+22	2,521956E+22	2,403449E+22	2,159502E+22	1,819373E+22	1,474229E+22	1,252664E+22	1,252686E+22	1,474295E+22	1,819457E+22
-2720	2,159536E+22	2,403420E+22	2,521887E+22	2,521873E+22	2,403393E+22	2,159487E+22	1,819382E+22	1,474235E+22	1,252659E+22	1,252668E+22	1,474238E+22	1,819361E+22
-2719	2,159440E+22	2,403362E+22	2,521894E+22	2,521919E+22	2,403433E+22	2,159523E+22	1,819427E+22	1,474291E+22	1,252710E+22	1,252698E+22	1,474262E+22	1,819418E+22
-2718	2,159561E+22	2,403490E+22	2,521959E+22	2,521926E+22	2,403405E+22	2,159470E+22	1,819376E+22	1,474271E+22	1,252731E+22	1,252752E+22	1,474327E+22	1,819446E+22
-2717	2,159521E+22	2,403410E+22	2,521863E+22	2,521851E+22	2,403379E+22	2,159489E+22	1,819417E+22	1,474312E+22	1,252761E+22	1,252753E+22	1,474275E+22	1,819346E+22
-2716	2,159412E+22	2,403375E+22	2,521925E+22	2,521928E+22	2,403424E+22	2,159517E+22	1,819455E+22	1,474367E+22	1,252822E+22	1,252812E+22	1,474348E+22	1,819457E+22
-2715	2,159532E+22	2,403421E+22	2,521914E+22	2,521912E+22	2,403404E+22	2,159476E+22	1,819403E+22	1,474330E+22	1,252817E+22	1,252839E+22	1,474373E+22	1,819423E+22
-2714	2,159441E+22	2,403308E+22	2,521802E+22	2,521847E+22	2,403402E+22	2,159524E+22	1,819465E+22	1,474374E+22	1,252829E+22	1,252817E+22	1,474337E+22	1,819405E+22
-2713	2,159454E+22	2,403368E+22	2,521870E+22	2,521870E+22	2,403394E+22	2,159507E+22	1,819454E+22	1,474377E+22	1,252847E+22	1,252851E+22	1,474400E+22	1,819507E+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	2,159556E+22	2,403405E+22	2,521846E+22	2,521812E+22	2,403330E+22	2,159463E+22	1,819428E+22	1,474353E+22	1,252820E+22	1,252821E+22	1,474336E+22	1,819389E+22
-2711	2,159431E+22	2,403328E+22	2,521844E+22	2,521865E+22	2,403382E+22	2,159495E+22	1,819452E+22	1,474373E+22	1,252823E+22	1,252802E+22	1,474320E+22	1,819406E+22
-2710	2,159507E+22	2,403451E+22	2,521943E+22	2,521914E+22	2,403389E+22	2,159455E+22	1,819380E+22	1,474305E+22	1,252786E+22	1,252808E+22	1,474374E+22	1,819475E+22
-2709	2,159517E+22	2,403392E+22	2,521866E+22	2,521857E+22	2,403379E+22	2,159478E+22	1,819392E+22	1,474281E+22	1,252736E+22	1,252742E+22	1,474279E+22	1,819359E+22
-2708	2,159411E+22	2,403339E+22	2,521894E+22	2,521924E+22	2,403438E+22	2,159528E+22	1,819436E+22	1,474306E+22	1,252731E+22	1,252721E+22	1,474283E+22	1,819433E+22
-2707	2,159560E+22	2,403460E+22	2,521932E+22	2,521930E+22	2,403430E+22	2,159489E+22	1,819376E+22	1,474245E+22	1,252689E+22	1,252706E+22	1,474282E+22	1,819401E+22
-2706	2,159486E+22	2,403389E+22	2,521861E+22	2,521868E+22	2,403413E+22	2,159522E+22	1,819423E+22	1,474273E+22	1,252679E+22	1,252656E+22	1,474207E+22	1,819333E+22
-2705	2,159436E+22	2,403398E+22	2,521936E+22	2,521928E+22	2,403424E+22	2,159509E+22	1,819415E+22	1,474286E+22	1,252710E+22	1,252700E+22	1,474272E+22	1,819433E+22
-2704	2,159548E+22	2,403446E+22	2,521930E+22	2,521908E+22	2,403391E+22	2,159465E+22	1,819372E+22	1,474248E+22	1,252690E+22	1,252702E+22	1,474260E+22	1,819355E+22
-2703	2,159427E+22	2,403334E+22	2,521859E+22	2,521904E+22	2,403431E+22	2,159516E+22	1,819415E+22	1,474281E+22	1,252706E+22	1,252698E+22	1,474256E+22	1,819374E+22
-2702	2,159482E+22	2,403433E+22	2,521935E+22	2,521921E+22	2,403416E+22	2,159485E+22	1,819382E+22	1,474265E+22	1,252717E+22	1,252740E+22	1,474336E+22	1,819484E+22
-2701	2,159557E+22	2,403426E+22	2,521874E+22	2,521845E+22	2,403366E+22	2,159475E+22	1,819390E+22	1,474273E+22	1,252724E+22	1,252733E+22	1,474276E+22	1,819367E+22
-2700	2,159427E+22	2,403341E+22	2,521870E+22	2,521881E+22	2,403395E+22	2,159511E+22	1,819452E+22	1,474351E+22	1,252789E+22	1,252770E+22	1,474300E+22	1,819414E+22
-2699	2,159536E+22	2,403458E+22	2,521937E+22	2,521917E+22	2,403396E+22	2,159462E+22	1,819395E+22	1,474326E+22	1,252811E+22	1,252830E+22	1,474372E+22	1,819439E+22
-2698	2,159478E+22	2,403366E+22	2,521844E+22	2,521847E+22	2,403377E+22	2,159490E+22	1,819436E+22	1,474363E+22	1,252836E+22	1,252829E+22	1,474336E+22	1,819378E+22
-2697	2,159392E+22	2,403302E+22	2,521850E+22	2,521877E+22	2,403397E+22	2,159509E+22	1,819467E+22	1,474408E+22	1,252889E+22	1,252887E+22	1,474409E+22	1,819491E+22
-2696	2,159540E+22	2,403391E+22	2,521854E+22	2,521843E+22	2,403352E+22	2,159466E+22	1,819433E+22	1,474379E+22	1,252876E+22	1,252898E+22	1,474418E+22	1,819444E+22
-2695	2,159442E+22	2,403292E+22	2,521769E+22	2,521798E+22	2,403357E+22	2,159507E+22	1,819485E+22	1,474424E+22	1,252892E+22	1,252874E+22	1,474372E+22	1,819412E+22
-2694	2,159456E+22	2,403377E+22	2,521870E+22	2,521842E+22	2,403345E+22	2,159469E+22	1,819450E+22	1,474411E+22	1,252902E+22	1,252904E+22	1,474431E+22	1,819512E+22
-2693	2,159555E+22	2,403409E+22	2,521856E+22	2,521816E+22	2,403316E+22	2,159438E+22	1,819412E+22	1,474370E+22	1,252872E+22	1,252883E+22	1,474377E+22	1,819391E+22
-2692	2,159403E+22	2,403290E+22	2,521818E+22	2,521855E+22	2,403381E+22	2,159498E+22	1,819461E+22	1,474398E+22	1,252868E+22	1,252853E+22	1,474361E+22	1,819421E+22
-2691	2,159496E+22	2,403416E+22	2,521909E+22	2,521907E+22	2,403402E+22	2,159473E+22	1,819402E+22	1,474333E+22	1,252822E+22	1,252846E+22	1,474402E+22	1,819482E+22
-2690	2,159505E+22	2,403367E+22	2,521843E+22	2,521845E+22	2,403376E+22	2,159492E+22	1,819424E+22	1,474324E+22	1,252778E+22	1,252773E+22	1,474302E+22	1,819380E+22
-2689	2,159415E+22	2,403305E+22	2,521841E+22	2,521872E+22	2,403402E+22	2,159518E+22	1,819457E+22	1,474354E+22	1,252790E+22	1,252772E+22	1,474310E+22	1,819434E+22
-2688	2,159558E+22	2,403455E+22	2,521912E+22	2,521881E+22	2,403372E+22	2,159468E+22	1,819403E+22	1,474300E+22	1,252756E+22	1,252767E+22	1,474316E+22	1,819392E+22
-2687	2,159451E+22	2,403357E+22	2,521846E+22	2,521853E+22	2,403384E+22	2,159500E+22	1,819432E+22	1,474320E+22	1,252752E+22	1,252732E+22	1,474261E+22	1,819342E+22
-2686	2,159416E+22	2,403373E+22	2,521911E+22	2,521906E+22	2,403397E+22	2,159481E+22	1,819405E+22	1,474310E+22	1,252765E+22	1,252769E+22	1,474332E+22	1,819465E+22
-2685	2,159552E+22	2,403425E+22	2,521897E+22	2,521878E+22	2,403370E+22	2,159451E+22	1,819363E+22	1,474264E+22	1,252739E+22	1,252766E+22	1,474314E+22	1,819385E+22
-2684	2,159427E+22	2,403300E+22	2,521808E+22	2,521857E+22	2,403401E+22	2,159511E+22	1,819435E+22	1,474322E+22	1,252759E+22	1,252751E+22	1,474294E+22	1,819395E+22
-2683	2,159495E+22	2,403426E+22	2,521909E+22	2,521895E+22	2,403394E+22	2,159475E+22	1,819403E+22	1,474314E+22	1,252779E+22	1,252792E+22	1,474360E+22	1,819477E+22
-2682	2,159539E+22	2,403418E+22	2,521880E+22	2,521843E+22	2,403347E+22	2,159464E+22	1,819413E+22	1,474331E+22	1,252798E+22	1,252796E+22	1,474315E+22	1,819374E+22
-2681	2,159402E+22	2,403293E+22	2,521833E+22	2,521860E+22	2,403375E+22	2,159495E+22	1,819464E+22	1,474402E+22	1,252872E+22	1,252855E+22	1,474357E+22	1,819422E+22
-2680	2,159512E+22	2,403421E+22	2,521896E+22	2,521879E+22	2,403368E+22	2,159464E+22	1,819425E+22	1,474379E+22	1,252884E+22	1,252909E+22	1,474433E+22	1,819455E+22
-2679	2,159448E+22	2,403312E+22	2,521796E+22	2,521813E+22	2,403359E+22	2,159496E+22	1,819468E+22	1,474417E+22	1,252907E+22	1,252903E+22	1,474395E+22	1,819406E+22
-2678	2,159395E+22	2,403278E+22	2,521799E+22	2,521823E+22	2,403355E+22	2,159491E+22	1,819480E+22	1,474451E+22	1,252949E+22	1,252946E+22	1,474454E+22	1,819518E+22
-2677	2,159558E+22	2,403394E+22	2,521827E+22	2,521798E+22	2,403310E+22	2,159442E+22	1,819434E+22	1,474417E+22	1,252941E+22	1,252961E+22	1,474456E+22	1,819453E+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	2,159433E+22	2,403277E+22	2,521748E+22	2,521763E+22	2,403313E+22	2,159482E+22	1,819496E+22	1,474470E+22	1,252959E+22	1,252937E+22	1,474410E+22	1,819418E+22
-2675	2,159442E+22	2,403357E+22	2,521860E+22	2,521846E+22	2,403334E+22	2,159447E+22	1,819449E+22	1,474444E+22	1,252959E+22	1,252962E+22	1,474468E+22	1,819513E+22
-2674	2,159527E+22	2,403382E+22	2,521850E+22	2,521827E+22	2,403324E+22	2,159439E+22	1,819420E+22	1,474398E+22	1,252917E+22	1,252929E+22	1,474421E+22	1,819422E+22
-2673	2,159394E+22	2,403241E+22	2,521762E+22	2,521819E+22	2,403366E+22	2,159499E+22	1,819474E+22	1,474426E+22	1,252911E+22	1,252900E+22	1,474396E+22	1,819438E+22
-2672	2,159500E+22	2,403402E+22	2,521868E+22	2,521854E+22	2,403366E+22	2,159478E+22	1,819439E+22	1,474378E+22	1,252867E+22	1,252883E+22	1,474422E+22	1,819481E+22
-2671	2,159493E+22	2,403355E+22	2,521824E+22	2,521816E+22	2,403348E+22	2,159487E+22	1,819451E+22	1,474377E+22	1,252840E+22	1,252823E+22	1,474325E+22	1,819373E+22
-2670	2,159403E+22	2,403300E+22	2,521825E+22	2,521846E+22	2,403361E+22	2,159486E+22	1,819457E+22	1,474391E+22	1,252850E+22	1,252829E+22	1,474344E+22	1,819435E+22
-2669	2,159540E+22	2,403439E+22	2,521901E+22	2,521876E+22	2,403357E+22	2,159443E+22	1,819387E+22	1,474325E+22	1,252817E+22	1,252838E+22	1,474368E+22	1,819404E+22
-2668	2,159424E+22	2,403312E+22	2,521803E+22	2,521825E+22	2,403366E+22	2,159491E+22	1,819439E+22	1,474350E+22	1,252806E+22	1,252796E+22	1,474317E+22	1,819371E+22
-2667	2,159408E+22	2,403335E+22	2,521870E+22	2,521886E+22	2,403386E+22	2,159476E+22	1,819418E+22	1,474342E+22	1,252812E+22	1,252818E+22	1,474372E+22	1,819487E+22
-2666	2,159552E+22	2,403411E+22	2,521875E+22	2,521859E+22	2,403356E+22	2,159452E+22	1,819387E+22	1,474309E+22	1,252791E+22	1,252810E+22	1,474351E+22	1,819414E+22
-2665	2,159435E+22	2,403279E+22	2,521763E+22	2,521805E+22	2,403360E+22	2,159496E+22	1,819454E+22	1,474374E+22	1,252831E+22	1,252815E+22	1,474329E+22	1,819397E+22
-2664	2,159489E+22	2,403423E+22	2,521894E+22	2,521857E+22	2,403348E+22	2,159462E+22	1,819433E+22	1,474375E+22	1,252857E+22	1,252864E+22	1,474401E+22	1,819470E+22
-2663	2,159499E+22	2,403380E+22	2,521862E+22	2,521839E+22	2,403335E+22	2,159453E+22	1,819430E+22	1,474389E+22	1,252883E+22	1,252882E+22	1,474373E+22	1,819385E+22
-2662	2,159378E+22	2,403254E+22	2,521786E+22	2,521828E+22	2,403354E+22	2,159481E+22	1,819469E+22	1,474441E+22	1,252940E+22	1,252933E+22	1,474422E+22	1,819454E+22
-2661	2,159504E+22	2,403386E+22	2,521849E+22	2,521839E+22	2,403344E+22	2,159454E+22	1,819431E+22	1,474414E+22	1,252949E+22	1,252980E+22	1,474488E+22	1,819484E+22
-2660	2,159445E+22	2,403277E+22	2,521736E+22	2,521751E+22	2,403315E+22	2,159486E+22	1,819495E+22	1,474471E+22	1,252973E+22	1,252964E+22	1,474437E+22	1,819428E+22
-2659	2,159404E+22	2,403270E+22	2,521774E+22	2,521791E+22	2,403317E+22	2,159468E+22	1,819495E+22	1,474501E+22	1,253015E+22	1,253002E+22	1,474482E+22	1,819517E+22
-2658	2,159545E+22	2,403393E+22	2,521834E+22	2,521796E+22	2,403289E+22	2,159423E+22	1,819443E+22	1,474462E+22	1,253005E+22	1,253019E+22	1,474495E+22	1,819468E+22
-2657	2,159416E+22	2,403244E+22	2,521718E+22	2,521747E+22	2,403298E+22	2,159464E+22	1,819495E+22	1,474503E+22	1,253021E+22	1,253005E+22	1,474457E+22	1,819430E+22
-2656	2,159428E+22	2,403336E+22	2,521837E+22	2,521821E+22	2,403320E+22	2,159453E+22	1,819472E+22	1,474478E+22	1,253007E+22	1,253014E+22	1,474510E+22	1,819526E+22
-2655	2,159502E+22	2,403341E+22	2,521820E+22	2,521816E+22	2,403323E+22	2,159451E+22	1,819448E+22	1,474440E+22	1,252967E+22	1,252977E+22	1,474454E+22	1,819436E+22
-2654	2,159398E+22	2,403230E+22	2,521722E+22	2,521780E+22	2,403340E+22	2,159491E+22	1,819490E+22	1,474463E+22	1,252958E+22	1,252942E+22	1,474423E+22	1,819448E+22
-2653	2,159500E+22	2,403401E+22	2,521847E+22	2,521817E+22	2,403331E+22	2,159459E+22	1,819442E+22	1,474415E+22	1,252926E+22	1,252935E+22	1,474446E+22	1,819473E+22
-2652	2,159464E+22	2,403327E+22	2,521796E+22	2,521782E+22	2,403311E+22	2,159465E+22	1,819463E+22	1,474423E+22	1,252906E+22	1,252887E+22	1,474365E+22	1,819378E+22
-2651	2,159380E+22	2,403265E+22	2,521800E+22	2,521840E+22	2,403347E+22	2,159460E+22	1,819451E+22	1,474421E+22	1,252907E+22	1,252891E+22	1,474391E+22	1,819450E+22
-2650	2,159516E+22	2,403404E+22	2,521872E+22	2,521864E+22	2,403351E+22	2,159437E+22	1,819390E+22	1,474349E+22	1,252861E+22	1,252889E+22	1,474423E+22	1,819451E+22
-2649	2,159427E+22	2,403270E+22	2,521741E+22	2,521774E+22	2,403336E+22	2,159480E+22	1,819446E+22	1,474379E+22	1,252853E+22	1,252848E+22	1,474360E+22	1,819401E+22
-2648	2,159428E+22	2,403337E+22	2,521838E+22	2,521828E+22	2,403339E+22	2,159470E+22	1,819446E+22	1,474386E+22	1,252863E+22	1,252862E+22	1,474397E+22	1,819492E+22
-2647	2,159544E+22	2,403408E+22	2,521868E+22	2,521840E+22	2,403330E+22	2,159441E+22	1,819412E+22	1,474366E+22	1,252863E+22	1,252871E+22	1,474377E+22	1,819408E+22
-2646	2,159425E+22	2,403280E+22	2,521754E+22	2,521789E+22	2,403331E+22	2,159470E+22	1,819459E+22	1,474420E+22	1,252905E+22	1,252888E+22	1,474371E+22	1,819397E+22
-2645	2,159460E+22	2,403398E+22	2,521878E+22	2,521851E+22	2,403342E+22	2,159450E+22	1,819433E+22	1,474417E+22	1,252936E+22	1,252946E+22	1,474454E+22	1,819477E+22
-2644	2,159460E+22	2,403324E+22	2,521810E+22	2,521806E+22	2,403324E+22	2,159460E+22	1,819457E+22	1,474442E+22	1,252959E+22	1,252962E+22	1,474435E+22	1,819415E+22
-2643	2,159365E+22	2,403205E+22	2,521732E+22	2,521797E+22	2,403335E+22	2,159477E+22	1,819494E+22	1,474494E+22	1,253008E+22	1,252998E+22	1,474470E+22	1,819480E+22
-2642	2,159500E+22	2,403363E+22	2,521811E+22	2,521802E+22	2,403318E+22	2,159450E+22	1,819459E+22	1,474471E+22	1,253016E+22	1,253039E+22	1,474535E+22	1,819518E+22
-2641	2,159450E+22	2,403258E+22	2,521691E+22	2,521690E+22	2,403259E+22	2,159457E+22	1,819507E+22	1,474525E+22	1,253052E+22	1,253039E+22	1,474481E+22	1,819437E+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°
-2640	2,159397E+22	2,403270E+22	2,521765E+22	2,521753E+22	2,403268E+22	2,159443E+22	1,819510E+22	1,474550E+22	1,253088E+22	1,253075E+22	1,474528E+22	1,819520E+22
-2639	2,159513E+22	2,403364E+22	2,521825E+22	2,521801E+22	2,403285E+22	2,159411E+22	1,819448E+22	1,474502E+22	1,253074E+22	1,253092E+22	1,474546E+22	1,819483E+22
-2638	2,159406E+22	2,403219E+22	2,521680E+22	2,521721E+22	2,403286E+22	2,159455E+22	1,819492E+22	1,474523E+22	1,253067E+22	1,253060E+22	1,474504E+22	1,819456E+22
-2637	2,159425E+22	2,403313E+22	2,521802E+22	2,521794E+22	2,403309E+22	2,159452E+22	1,819477E+22	1,474503E+22	1,253051E+22	1,253057E+22	1,474536E+22	1,819538E+22
-2636	2,159496E+22	2,403315E+22	2,521776E+22	2,521770E+22	2,403296E+22	2,159450E+22	1,819475E+22	1,474485E+22	1,253017E+22	1,253018E+22	1,474475E+22	1,819439E+22
-2635	2,159389E+22	2,403214E+22	2,521702E+22	2,521756E+22	2,403309E+22	2,159472E+22	1,819503E+22	1,474506E+22	1,253012E+22	1,252986E+22	1,474441E+22	1,819439E+22
-2634	2,159471E+22	2,403382E+22	2,521843E+22	2,521816E+22	2,403319E+22	2,159446E+22	1,819450E+22	1,474452E+22	1,252979E+22	1,252988E+22	1,474486E+22	1,819488E+22
-2633	2,159441E+22	2,403284E+22	2,521751E+22	2,521748E+22	2,403287E+22	2,159447E+22	1,819461E+22	1,474451E+22	1,252963E+22	1,252953E+22	1,474416E+22	1,819400E+22
-2632	2,159372E+22	2,403244E+22	2,521767E+22	2,521796E+22	2,403320E+22	2,159460E+22	1,819467E+22	1,474448E+22	1,252952E+22	1,252943E+22	1,474435E+22	1,819475E+22
-2631	2,159509E+22	2,403376E+22	2,521842E+22	2,521842E+22	2,403338E+22	2,159437E+22	1,819410E+22	1,474389E+22	1,252913E+22	1,252939E+22	1,474455E+22	1,819473E+22
-2630	2,159448E+22	2,403275E+22	2,521707E+22	2,521730E+22	2,403302E+22	2,159463E+22	1,819454E+22	1,474415E+22	1,252905E+22	1,252897E+22	1,474389E+22	1,819412E+22
-2629	2,159431E+22	2,403346E+22	2,521835E+22	2,521804E+22	2,403309E+22	2,159448E+22	1,819450E+22	1,474431E+22	1,252933E+22	1,252923E+22	1,474423E+22	1,819481E+22
-2628	2,159511E+22	2,403379E+22	2,521851E+22	2,521824E+22	2,403308E+22	2,159428E+22	1,819431E+22	1,474422E+22	1,252943E+22	1,252948E+22	1,474425E+22	1,819411E+22
-2627	2,159388E+22	2,403233E+22	2,521728E+22	2,521786E+22	2,403326E+22	2,159460E+22	1,819469E+22	1,474467E+22	1,252980E+22	1,252967E+22	1,474428E+22	1,819413E+22
-2626	2,159424E+22	2,403344E+22	2,521835E+22	2,521830E+22	2,403341E+22	2,159459E+22	1,819455E+22	1,474461E+22	1,253001E+22	1,253018E+22	1,474518E+22	1,819519E+22
-2625	2,159454E+22	2,403271E+22	2,521731E+22	2,521736E+22	2,403283E+22	2,159452E+22	1,819480E+22	1,474494E+22	1,253032E+22	1,253037E+22	1,474492E+22	1,819449E+22
-2624	2,159380E+22	2,403200E+22	2,521688E+22	2,521722E+22	2,403277E+22	2,159465E+22	1,819522E+22	1,474550E+22	1,253080E+22	1,253063E+22	1,474511E+22	1,819494E+22
-2623	2,159492E+22	2,403350E+22	2,521797E+22	2,521774E+22	2,403279E+22	2,159426E+22	1,819474E+22	1,474529E+22	1,253097E+22	1,253113E+22	1,474572E+22	1,819524E+22
-2622	2,159451E+22	2,403257E+22	2,521681E+22	2,521671E+22	2,403226E+22	2,159423E+22	1,819498E+22	1,474559E+22	1,253120E+22	1,253114E+22	1,474532E+22	1,819450E+22
-2621	2,159384E+22	2,403255E+22	2,521757E+22	2,521748E+22	2,403260E+22	2,159425E+22	1,819498E+22	1,474575E+22	1,253147E+22	1,253140E+22	1,474572E+22	1,819529E+22
-2620	2,159484E+22	2,403317E+22	2,521786E+22	2,521778E+22	2,403284E+22	2,159424E+22	1,819472E+22	1,474539E+22	1,253125E+22	1,253148E+22	1,474589E+22	1,819504E+22
-2619	2,159396E+22	2,403183E+22	2,521646E+22	2,521705E+22	2,403281E+22	2,159460E+22	1,819516E+22	1,474562E+22	1,253113E+22	1,253101E+22	1,474529E+22	1,819466E+22
-2618	2,159416E+22	2,403290E+22	2,521771E+22	2,521764E+22	2,403296E+22	2,159460E+22	1,819507E+22	1,474549E+22	1,253099E+22	1,253096E+22	1,474561E+22	1,819547E+22
-2617	2,159485E+22	2,403289E+22	2,521734E+22	2,521715E+22	2,403248E+22	2,159431E+22	1,819491E+22	1,474533E+22	1,253083E+22	1,253079E+22	1,474508E+22	1,819440E+22
-2616	2,159374E+22	2,403201E+22	2,521684E+22	2,521713E+22	2,403264E+22	2,159450E+22	1,819513E+22	1,474545E+22	1,253073E+22	1,253049E+22	1,474483E+22	1,819444E+22
-2615	2,159439E+22	2,403340E+22	2,521820E+22	2,521803E+22	2,403307E+22	2,159431E+22	1,819451E+22	1,474484E+22	1,253038E+22	1,253053E+22	1,474533E+22	1,819513E+22
-2614	2,159447E+22	2,403264E+22	2,521711E+22	2,521709E+22	2,403260E+22	2,159428E+22	1,819452E+22	1,474464E+22	1,253002E+22	1,253006E+22	1,474464E+22	1,819433E+22
-2613	2,159385E+22	2,403238E+22	2,521744E+22	2,521764E+22	2,403294E+22	2,159443E+22	1,819464E+22	1,474471E+22	1,252994E+22	1,252983E+22	1,474459E+22	1,819486E+22
-2612	2,159510E+22	2,403365E+22	2,521819E+22	2,521807E+22	2,403312E+22	2,159433E+22	1,819433E+22	1,474435E+22	1,252969E+22	1,252986E+22	1,474478E+22	1,819473E+22
-2611	2,159438E+22	2,403267E+22	2,521712E+22	2,521728E+22	2,403283E+22	2,159447E+22	1,819467E+22	1,474461E+22	1,252970E+22	1,252953E+22	1,474413E+22	1,819401E+22
-2610	2,159396E+22	2,403318E+22	2,521833E+22	2,521814E+22	2,403315E+22	2,159450E+22	1,819469E+22	1,474478E+22	1,253000E+22	1,252992E+22	1,474471E+22	1,819489E+22
-2609	2,159476E+22	2,403322E+22	2,521800E+22	2,521789E+22	2,403294E+22	2,159429E+22	1,819449E+22	1,474471E+22	1,253021E+22	1,253034E+22	1,474489E+22	1,819435E+22
-2608	2,159368E+22	2,403191E+22	2,521677E+22	2,521728E+22	2,403297E+22	2,159470E+22	1,819503E+22	1,474519E+22	1,253051E+22	1,253043E+22	1,474489E+22	1,819445E+22
-2607	2,159413E+22	2,403297E+22	2,521783E+22	2,521786E+22	2,403316E+22	2,159460E+22	1,819487E+22	1,474522E+22	1,253079E+22	1,253092E+22	1,474567E+22	1,819550E+22
-2606	2,159479E+22	2,403266E+22	2,521681E+22	2,521665E+22	2,403225E+22	2,159422E+22	1,819487E+22	1,474540E+22	1,253105E+22	1,253109E+22	1,474539E+22	1,819468E+22
-2605	2,159387E+22	2,403206E+22	2,521682E+22	2,521686E+22	2,403226E+22	2,159423E+22	1,819516E+22	1,474595E+22	1,253157E+22	1,253135E+22	1,474551E+22	1,819496E+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	2,159470E+22	2,403325E+22	2,521784E+22	2,521758E+22	2,403253E+22	2,159402E+22	1,819479E+22	1,474575E+22	1,253172E+22	1,253190E+22	1,474625E+22	1,819536E+22
-2603	2,159425E+22	2,403219E+22	2,521667E+22	2,521675E+22	2,403223E+22	2,159411E+22	1,819498E+22	1,474588E+22	1,253177E+22	1,253176E+22	1,474580E+22	1,819468E+22
-2602	2,159363E+22	2,403214E+22	2,521727E+22	2,521739E+22	2,403270E+22	2,159443E+22	1,819521E+22	1,474605E+22	1,253188E+22	1,253189E+22	1,474616E+22	1,819554E+22
-2601	2,159480E+22	2,403277E+22	2,521724E+22	2,521720E+22	2,403253E+22	2,159427E+22	1,819500E+22	1,474584E+22	1,253179E+22	1,253198E+22	1,474621E+22	1,819516E+22
-2600	2,159399E+22	2,403177E+22	2,521615E+22	2,521642E+22	2,403236E+22	2,159461E+22	1,819548E+22	1,474613E+22	1,253171E+22	1,253149E+22	1,474551E+22	1,819461E+22
-2599	2,159394E+22	2,403264E+22	2,521758E+22	2,521743E+22	2,403267E+22	2,159444E+22	1,819524E+22	1,474601E+22	1,253169E+22	1,253158E+22	1,474586E+22	1,819542E+22
-2598	2,159477E+22	2,403272E+22	2,521710E+22	2,521688E+22	2,403215E+22	2,159398E+22	1,819480E+22	1,474559E+22	1,253140E+22	1,253146E+22	1,474557E+22	1,819454E+22
-2597	2,159363E+22	2,403182E+22	2,521670E+22	2,521699E+22	2,403246E+22	2,159425E+22	1,819498E+22	1,474564E+22	1,253121E+22	1,253104E+22	1,474527E+22	1,819463E+22
-2596	2,159426E+22	2,403301E+22	2,521785E+22	2,521777E+22	2,403293E+22	2,159431E+22	1,819465E+22	1,474513E+22	1,253081E+22	1,253102E+22	1,474576E+22	1,819540E+22
-2595	2,159452E+22	2,403243E+22	2,521693E+22	2,521696E+22	2,403246E+22	2,159422E+22	1,819464E+22	1,474494E+22	1,253041E+22	1,253043E+22	1,474489E+22	1,819446E+22
-2594	2,159388E+22	2,403234E+22	2,521734E+22	2,521747E+22	2,403284E+22	2,159449E+22	1,819488E+22	1,474510E+22	1,253039E+22	1,253027E+22	1,474485E+22	1,819485E+22
-2593	2,159495E+22	2,403344E+22	2,521793E+22	2,521769E+22	2,403277E+22	2,159421E+22	1,819454E+22	1,474488E+22	1,253042E+22	1,253055E+22	1,474515E+22	1,819470E+22
-2592	2,159415E+22	2,403245E+22	2,521694E+22	2,521698E+22	2,403260E+22	2,159444E+22	1,819487E+22	1,474511E+22	1,253045E+22	1,253030E+22	1,474466E+22	1,819409E+22
-2591	2,159357E+22	2,403251E+22	2,521786E+22	2,521794E+22	2,403310E+22	2,159453E+22	1,819488E+22	1,474528E+22	1,253078E+22	1,253074E+22	1,474527E+22	1,819515E+22
-2590	2,159476E+22	2,403281E+22	2,521735E+22	2,521730E+22	2,403256E+22	2,159415E+22	1,819458E+22	1,474508E+22	1,253084E+22	1,253108E+22	1,474553E+22	1,819476E+22
-2589	2,159385E+22	2,403177E+22	2,521636E+22	2,521669E+22	2,403242E+22	2,159438E+22	1,819508E+22	1,474563E+22	1,253117E+22	1,253103E+22	1,474529E+22	1,819463E+22
-2588	2,159417E+22	2,403280E+22	2,521748E+22	2,521731E+22	2,403263E+22	2,159437E+22	1,819507E+22	1,474579E+22	1,253153E+22	1,253160E+22	1,474607E+22	1,819558E+22
-2587	2,159473E+22	2,403259E+22	2,521689E+22	2,521659E+22	2,403190E+22	2,159389E+22	1,819488E+22	1,474584E+22	1,253175E+22	1,253178E+22	1,474579E+22	1,819469E+22
-2586	2,159366E+22	2,403186E+22	2,521681E+22	2,521694E+22	2,403228E+22	2,159418E+22	1,819524E+22	1,474630E+22	1,253217E+22	1,253205E+22	1,474602E+22	1,819506E+22
-2585	2,159443E+22	2,403280E+22	2,521742E+22	2,521731E+22	2,403244E+22	2,159406E+22	1,819498E+22	1,474617E+22	1,253238E+22	1,253263E+22	1,474680E+22	1,819556E+22
-2584	2,159411E+22	2,403186E+22	2,521629E+22	2,521635E+22	2,403210E+22	2,159430E+22	1,819532E+22	1,474635E+22	1,253235E+22	1,253234E+22	1,474622E+22	1,819486E+22
-2583	2,159348E+22	2,403167E+22	2,521681E+22	2,521709E+22	2,403258E+22	2,159454E+22	1,819559E+22	1,474665E+22	1,253256E+22	1,253245E+22	1,474642E+22	1,819560E+22
-2582	2,159490E+22	2,403267E+22	2,521682E+22	2,521661E+22	2,403203E+22	2,159406E+22	1,819515E+22	1,474630E+22	1,253244E+22	1,253259E+22	1,474657E+22	1,819521E+22
-2581	2,159390E+22	2,403172E+22	2,521608E+22	2,521610E+22	2,403183E+22	2,159417E+22	1,819545E+22	1,474657E+22	1,253239E+22	1,253212E+22	1,474587E+22	1,819459E+22
-2580	2,159364E+22	2,403226E+22	2,521731E+22	2,521723E+22	2,403242E+22	2,159422E+22	1,819526E+22	1,474638E+22	1,253232E+22	1,253228E+22	1,474639E+22	1,819558E+22
-2579	2,159457E+22	2,403235E+22	2,521691E+22	2,521683E+22	2,403204E+22	2,159381E+22	1,819470E+22	1,474574E+22	1,253181E+22	1,253197E+22	1,474605E+22	1,819482E+22
-2578	2,159362E+22	2,403156E+22	2,521643E+22	2,521686E+22	2,403247E+22	2,159433E+22	1,819508E+22	1,474578E+22	1,253146E+22	1,253142E+22	1,474566E+22	1,819490E+22
-2577	2,159437E+22	2,403281E+22	2,521740E+22	2,521728E+22	2,403260E+22	2,159426E+22	1,819485E+22	1,474549E+22	1,253125E+22	1,253142E+22	1,474602E+22	1,819551E+22
-2576	2,159459E+22	2,403249E+22	2,521681E+22	2,521656E+22	2,403213E+22	2,159423E+22	1,819490E+22	1,474539E+22	1,253094E+22	1,253086E+22	1,474508E+22	1,819438E+22
-2575	2,159366E+22	2,403209E+22	2,521730E+22	2,521745E+22	2,403273E+22	2,159446E+22	1,819512E+22	1,474566E+22	1,253112E+22	1,253090E+22	1,474510E+22	1,819475E+22
-2574	2,159479E+22	2,403319E+22	2,521762E+22	2,521742E+22	2,403253E+22	2,159403E+22	1,819457E+22	1,474525E+22	1,253108E+22	1,253129E+22	1,474568E+22	1,819481E+22
-2573	2,159392E+22	2,403210E+22	2,521664E+22	2,521672E+22	2,403235E+22	2,159426E+22	1,819493E+22	1,474552E+22	1,253111E+22	1,253099E+22	1,474519E+22	1,819430E+22
-2572	2,159340E+22	2,403197E+22	2,521729E+22	2,521750E+22	2,403283E+22	2,159452E+22	1,819516E+22	1,474580E+22	1,253146E+22	1,253144E+22	1,474584E+22	1,819545E+22
-2571	2,159476E+22	2,403251E+22	2,521698E+22	2,521692E+22	2,403219E+22	2,159397E+22	1,819473E+22	1,474554E+22	1,253147E+22	1,253168E+22	1,474596E+22	1,819497E+22
-2570	2,159392E+22	2,403172E+22	2,521620E+22	2,521638E+22	2,403210E+22	2,159426E+22	1,819525E+22	1,474608E+22	1,253180E+22	1,253169E+22	1,474573E+22	1,819471E+22
-2569	2,159407E+22	2,403263E+22	2,521725E+22	2,521692E+22	2,403212E+22	2,159406E+22	1,819518E+22	1,474633E+22	1,253235E+22	1,253242E+22	1,474659E+22	1,819565E+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	2,159452E+22	2,403238E+22	2,521674E+22	2,521639E+22	2,403172E+22	2,159381E+22	1,819499E+22	1,474629E+22	1,253249E+22	1,253256E+22	1,474635E+22	1,819483E+22
-2567	2,159335E+22	2,403133E+22	2,521647E+22	2,521686E+22	2,403234E+22	2,159429E+22	1,819546E+22	1,474677E+22	1,253288E+22	1,253278E+22	1,474650E+22	1,819526E+22
-2566	2,159444E+22	2,403245E+22	2,521685E+22	2,521680E+22	2,403216E+22	2,159404E+22	1,819516E+22	1,474657E+22	1,253296E+22	1,253325E+22	1,474729E+22	1,819582E+22
-2565	2,159418E+22	2,403172E+22	2,521595E+22	2,521591E+22	2,403168E+22	2,159410E+22	1,819551E+22	1,474688E+22	1,253298E+22	1,253285E+22	1,474650E+22	1,819491E+22
-2564	2,159338E+22	2,403140E+22	2,521644E+22	2,521667E+22	2,403218E+22	2,159440E+22	1,819583E+22	1,474723E+22	1,253328E+22	1,253307E+22	1,474677E+22	1,819558E+22
-2563	2,159466E+22	2,403246E+22	2,521680E+22	2,521655E+22	2,403174E+22	2,159377E+22	1,819514E+22	1,474667E+22	1,253304E+22	1,253320E+22	1,474698E+22	1,819527E+22
-2562	2,159371E+22	2,403148E+22	2,521597E+22	2,521610E+22	2,403181E+22	2,159409E+22	1,819545E+22	1,474676E+22	1,253282E+22	1,253271E+22	1,474639E+22	1,819475E+22
-2561	2,159346E+22	2,403188E+22	2,521687E+22	2,521686E+22	2,403219E+22	2,159416E+22	1,819535E+22	1,474666E+22	1,253279E+22	1,253284E+22	1,474691E+22	1,819588E+22
-2560	2,159462E+22	2,403218E+22	2,521657E+22	2,521648E+22	2,403190E+22	2,159391E+22	1,819491E+22	1,474605E+22	1,253220E+22	1,253237E+22	1,474638E+22	1,819504E+22
-2559	2,159367E+22	2,403134E+22	2,521610E+22	2,521661E+22	2,403236E+22	2,159440E+22	1,819535E+22	1,474623E+22	1,253197E+22	1,253179E+22	1,474578E+22	1,819492E+22
-2558	2,159451E+22	2,403285E+22	2,521714E+22	2,521684E+22	2,403218E+22	2,159407E+22	1,819497E+22	1,474590E+22	1,253180E+22	1,253193E+22	1,474628E+22	1,819547E+22
-2557	2,159446E+22	2,403247E+22	2,521685E+22	2,521644E+22	2,403172E+22	2,159383E+22	1,819492E+22	1,474586E+22	1,253161E+22	1,253145E+22	1,474540E+22	1,819430E+22
-2556	2,159326E+22	2,403157E+22	2,521692E+22	2,521729E+22	2,403258E+22	2,159434E+22	1,819524E+22	1,474612E+22	1,253184E+22	1,253166E+22	1,474567E+22	1,819485E+22
-2555	2,159442E+22	2,403268E+22	2,521730E+22	2,521727E+22	2,403239E+22	2,159394E+22	1,819462E+22	1,474555E+22	1,253163E+22	1,253193E+22	1,474625E+22	1,819511E+22
-2554	2,159388E+22	2,403176E+22	2,521619E+22	2,521637E+22	2,403216E+22	2,159427E+22	1,819511E+22	1,474584E+22	1,253160E+22	1,253159E+22	1,474571E+22	1,819457E+22
-2553	2,159346E+22	2,403175E+22	2,521671E+22	2,521681E+22	2,403227E+22	2,159433E+22	1,819538E+22	1,474634E+22	1,253216E+22	1,253209E+22	1,474628E+22	1,819563E+22
-2552	2,159482E+22	2,403255E+22	2,521678E+22	2,521647E+22	2,403177E+22	2,159380E+22	1,819489E+22	1,474608E+22	1,253222E+22	1,253235E+22	1,474635E+22	1,819502E+22
-2551	2,159373E+22	2,403149E+22	2,521611E+22	2,521637E+22	2,403197E+22	2,159412E+22	1,819540E+22	1,474664E+22	1,253262E+22	1,253245E+22	1,474614E+22	1,819476E+22
-2550	2,159396E+22	2,403238E+22	2,521696E+22	2,521672E+22	2,403194E+22	2,159390E+22	1,819519E+22	1,474671E+22	1,253306E+22	1,253323E+22	1,474722E+22	1,819587E+22
-2549	2,159434E+22	2,403208E+22	2,521651E+22	2,521624E+22	2,403154E+22	2,159369E+22	1,819514E+22	1,474675E+22	1,253315E+22	1,253323E+22	1,474687E+22	1,819504E+22
-2548	2,159319E+22	2,403082E+22	2,521591E+22	2,521651E+22	2,403221E+22	2,159441E+22	1,819584E+22	1,474735E+22	1,253358E+22	1,253346E+22	1,474700E+22	1,819544E+22
-2547	2,159431E+22	2,403219E+22	2,521653E+22	2,521645E+22	2,403187E+22	2,159397E+22	1,819540E+22	1,474707E+22	1,253360E+22	1,253381E+22	1,474762E+22	1,819592E+22
-2546	2,159414E+22	2,403162E+22	2,521575E+22	2,521561E+22	2,403139E+22	2,159401E+22	1,819572E+22	1,474733E+22	1,253361E+22	1,253350E+22	1,474691E+22	1,819493E+22
-2545	2,159319E+22	2,403113E+22	2,521608E+22	2,521625E+22	2,403170E+22	2,159409E+22	1,819592E+22	1,474772E+22	1,253402E+22	1,253382E+22	1,474730E+22	1,819572E+22
-2544	2,159444E+22	2,403215E+22	2,521645E+22	2,521628E+22	2,403158E+22	2,159365E+22	1,819513E+22	1,474697E+22	1,253360E+22	1,253382E+22	1,474750E+22	1,819552E+22
-2543	2,159355E+22	2,403108E+22	2,521560E+22	2,521595E+22	2,403178E+22	2,159411E+22	1,819555E+22	1,474704E+22	1,253329E+22	1,253320E+22	1,474676E+22	1,819506E+22
-2542	2,159368E+22	2,403176E+22	2,521641E+22	2,521635E+22	2,403180E+22	2,159399E+22	1,819538E+22	1,474686E+22	1,253313E+22	1,253322E+22	1,474722E+22	1,819609E+22
-2541	2,159475E+22	2,403227E+22	2,521646E+22	2,521617E+22	2,403148E+22	2,159363E+22	1,819501E+22	1,474644E+22	1,253264E+22	1,253267E+22	1,474647E+22	1,819498E+22
-2540	2,159356E+22	2,403125E+22	2,521598E+22	2,521644E+22	2,403212E+22	2,159429E+22	1,819555E+22	1,474672E+22	1,253258E+22	1,253230E+22	1,474600E+22	1,819475E+22
-2539	2,159411E+22	2,403264E+22	2,521719E+22	2,521691E+22	2,403205E+22	2,159389E+22	1,819499E+22	1,474625E+22	1,253238E+22	1,253247E+22	1,474659E+22	1,819542E+22
-2538	2,159414E+22	2,403213E+22	2,521666E+22	2,521646E+22	2,403182E+22	2,159388E+22	1,819502E+22	1,474613E+22	1,253212E+22	1,253211E+22	1,474593E+22	1,819444E+22
-2537	2,159298E+22	2,403104E+22	2,521629E+22	2,521682E+22	2,403231E+22	2,159432E+22	1,819545E+22	1,474657E+22	1,253247E+22	1,253235E+22	1,474627E+22	1,819518E+22
-2536	2,159435E+22	2,403232E+22	2,521672E+22	2,521677E+22	2,403217E+22	2,159398E+22	1,819487E+22	1,474603E+22	1,253225E+22	1,253253E+22	1,474672E+22	1,819542E+22
-2535	2,159392E+22	2,403153E+22	2,521577E+22	2,521596E+22	2,403188E+22	2,159421E+22	1,819536E+22	1,474642E+22	1,253234E+22	1,253222E+22	1,474605E+22	1,819474E+22
-2534	2,159361E+22	2,403178E+22	2,521643E+22	2,521625E+22	2,403166E+22	2,159395E+22	1,819541E+22	1,474681E+22	1,253291E+22	1,253285E+22	1,474677E+22	1,819575E+22
-2533	2,159473E+22	2,403252E+22	2,521679E+22	2,521635E+22	2,403134E+22	2,159335E+22	1,819488E+22	1,474659E+22	1,253300E+22	1,253312E+22	1,474684E+22	1,819510E+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	2,159344E+22	2,403105E+22	2,521576E+22	2,521626E+22	2,403192E+22	2,159406E+22	1,819552E+22	1,474711E+22	1,253340E+22	1,253329E+22	1,474676E+22	1,819494E+22
-2531	2,159365E+22	2,403196E+22	2,521667E+22	2,521657E+22	2,403188E+22	2,159391E+22	1,819534E+22	1,474708E+22	1,253365E+22	1,253386E+22	1,474774E+22	1,819616E+22
-2530	2,159434E+22	2,403181E+22	2,521611E+22	2,521595E+22	2,403144E+22	2,159381E+22	1,819543E+22	1,474716E+22	1,253370E+22	1,253383E+22	1,474731E+22	1,819521E+22
-2529	2,159314E+22	2,403057E+22	2,521533E+22	2,521584E+22	2,403171E+22	2,159430E+22	1,819617E+22	1,474800E+22	1,253434E+22	1,253412E+22	1,474740E+22	1,819553E+22
-2528	2,159419E+22	2,403207E+22	2,521626E+22	2,521606E+22	2,403154E+22	2,159385E+22	1,819559E+22	1,474763E+22	1,253435E+22	1,253447E+22	1,474799E+22	1,819595E+22
-2527	2,159390E+22	2,403132E+22	2,521553E+22	2,521546E+22	2,403121E+22	2,159385E+22	1,819581E+22	1,474781E+22	1,253435E+22	1,253419E+22	1,474730E+22	1,819503E+22
-2526	2,159310E+22	2,403087E+22	2,521570E+22	2,521587E+22	2,403139E+22	2,159383E+22	1,819584E+22	1,474797E+22	1,253457E+22	1,253448E+22	1,474786E+22	1,819600E+22
-2525	2,159439E+22	2,403198E+22	2,521626E+22	2,521607E+22	2,403128E+22	2,159340E+22	1,819517E+22	1,474728E+22	1,253404E+22	1,253427E+22	1,474786E+22	1,819575E+22
-2524	2,159353E+22	2,403078E+22	2,521520E+22	2,521568E+22	2,403165E+22	2,159412E+22	1,819575E+22	1,474742E+22	1,253376E+22	1,253363E+22	1,474705E+22	1,819515E+22
-2523	2,159361E+22	2,403173E+22	2,521635E+22	2,521616E+22	2,403160E+22	2,159390E+22	1,819549E+22	1,474718E+22	1,253355E+22	1,253356E+22	1,474736E+22	1,819607E+22
-2522	2,159468E+22	2,403228E+22	2,521649E+22	2,521610E+22	2,403134E+22	2,159356E+22	1,819513E+22	1,474675E+22	1,253313E+22	1,253318E+22	1,474672E+22	1,819485E+22
-2521	2,159321E+22	2,403092E+22	2,521567E+22	2,521617E+22	2,403185E+22	2,159412E+22	1,819567E+22	1,474718E+22	1,253327E+22	1,253301E+22	1,474648E+22	1,819481E+22
-2520	2,159372E+22	2,403215E+22	2,521674E+22	2,521670E+22	2,403208E+22	2,159392E+22	1,819507E+22	1,474660E+22	1,253299E+22	1,253313E+22	1,474710E+22	1,819565E+22
-2519	2,159391E+22	2,403160E+22	2,521609E+22	2,521614E+22	2,403176E+22	2,159398E+22	1,819524E+22	1,474655E+22	1,253272E+22	1,253270E+22	1,474638E+22	1,819481E+22
-2518	2,159317E+22	2,403083E+22	2,521567E+22	2,521610E+22	2,403179E+22	2,159409E+22	1,819555E+22	1,474694E+22	1,253303E+22	1,253294E+22	1,474675E+22	1,819552E+22
-2517	2,159453E+22	2,403237E+22	2,521652E+22	2,521629E+22	2,403154E+22	2,159357E+22	1,819498E+22	1,474656E+22	1,253289E+22	1,253306E+22	1,474702E+22	1,819552E+22
-2516	2,159388E+22	2,403145E+22	2,521564E+22	2,521574E+22	2,403155E+22	2,159398E+22	1,819548E+22	1,474694E+22	1,253311E+22	1,253296E+22	1,474647E+22	1,819473E+22
-2515	2,159333E+22	2,403168E+22	2,521652E+22	2,521629E+22	2,403153E+22	2,159373E+22	1,819538E+22	1,474716E+22	1,253357E+22	1,253354E+22	1,474723E+22	1,819584E+22
-2514	2,159451E+22	2,403226E+22	2,521666E+22	2,521639E+22	2,403147E+22	2,159345E+22	1,819501E+22	1,474690E+22	1,253361E+22	1,253387E+22	1,474741E+22	1,819527E+22
-2513	2,159321E+22	2,403060E+22	2,521522E+22	2,521585E+22	2,403175E+22	2,159415E+22	1,819587E+22	1,474769E+22	1,253415E+22	1,253404E+22	1,474735E+22	1,819523E+22
-2512	2,159352E+22	2,403152E+22	2,521605E+22	2,521613E+22	2,403178E+22	2,159404E+22	1,819570E+22	1,474769E+22	1,253438E+22	1,253449E+22	1,474811E+22	1,819631E+22
-2511	2,159426E+22	2,403153E+22	2,521566E+22	2,521550E+22	2,403119E+22	2,159383E+22	1,819580E+22	1,474786E+22	1,253454E+22	1,253451E+22	1,474764E+22	1,819532E+22
-2510	2,159316E+22	2,403046E+22	2,521497E+22	2,521520E+22	2,403102E+22	2,159388E+22	1,819622E+22	1,474851E+22	1,253514E+22	1,253491E+22	1,474792E+22	1,819565E+22
-2509	2,159397E+22	2,403184E+22	2,521611E+22	2,521579E+22	2,403102E+22	2,159335E+22	1,819554E+22	1,474809E+22	1,253507E+22	1,253520E+22	1,474849E+22	1,819611E+22
-2508	2,159366E+22	2,403088E+22	2,521516E+22	2,521527E+22	2,403109E+22	2,159371E+22	1,819579E+22	1,474811E+22	1,253496E+22	1,253491E+22	1,474788E+22	1,819528E+22
-2507	2,159296E+22	2,403063E+22	2,521550E+22	2,521565E+22	2,403122E+22	2,159372E+22	1,819579E+22	1,474810E+22	1,253491E+22	1,253490E+22	1,474822E+22	1,819629E+22
-2506	2,159453E+22	2,403192E+22	2,521605E+22	2,521587E+22	2,403120E+22	2,159344E+22	1,819529E+22	1,474747E+22	1,253437E+22	1,253464E+22	1,474809E+22	1,819581E+22
-2505	2,159352E+22	2,403072E+22	2,521492E+22	2,521526E+22	2,403131E+22	2,159402E+22	1,819597E+22	1,474788E+22	1,253430E+22	1,253407E+22	1,474725E+22	1,819512E+22
-2504	2,159339E+22	2,403155E+22	2,521620E+22	2,521605E+22	2,403155E+22	2,159388E+22	1,819565E+22	1,474761E+22	1,253413E+22	1,253405E+22	1,474755E+22	1,819596E+22
-2503	2,159433E+22	2,403191E+22	2,521630E+22	2,521610E+22	2,403141E+22	2,159362E+22	1,819530E+22	1,474719E+22	1,253377E+22	1,253378E+22	1,474707E+22	1,819493E+22
-2502	2,159303E+22	2,403055E+22	2,521519E+22	2,521570E+22	2,403157E+22	2,159400E+22	1,819572E+22	1,474749E+22	1,253384E+22	1,253369E+22	1,474707E+22	1,819513E+22
-2501	2,159362E+22	2,403180E+22	2,521635E+22	2,521629E+22	2,403169E+22	2,159375E+22	1,819525E+22	1,474703E+22	1,253352E+22	1,253368E+22	1,474753E+22	1,819596E+22
-2500	2,159396E+22	2,403128E+22	2,521557E+22	2,521566E+22	2,403147E+22	2,159391E+22	1,819545E+22	1,474703E+22	1,253337E+22	1,253332E+22	1,474680E+22	1,819499E+22
-2499	2,159320E+22	2,403089E+22	2,521559E+22	2,521571E+22	2,403136E+22	2,159382E+22	1,819559E+22	1,474732E+22	1,253361E+22	1,253348E+22	1,474706E+22	1,819564E+22
-2498	2,159455E+22	2,403245E+22	2,521660E+22	2,521618E+22	2,403128E+22	2,159335E+22	1,819501E+22	1,474691E+22	1,253355E+22	1,253378E+22	1,474744E+22	1,819551E+22
-2497	2,159360E+22	2,403115E+22	2,521541E+22	2,521553E+22	2,403131E+22	2,159377E+22	1,819557E+22	1,474744E+22	1,253390E+22	1,253379E+22	1,474706E+22	1,819489E+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	2,159302E+22	2,403120E+22	2,521612E+22	2,521618E+22	2,403166E+22	2,159384E+22	1,819554E+22	1,474758E+22	1,253426E+22	1,253427E+22	1,474775E+22	1,819605E+22
-2495	2,159433E+22	2,403178E+22	2,521614E+22	2,521607E+22	2,403145E+22	2,159364E+22	1,819536E+22	1,474745E+22	1,253431E+22	1,253451E+22	1,474783E+22	1,819554E+22
-2494	2,159326E+22	2,403032E+22	2,521460E+22	2,521509E+22	2,403122E+22	2,159401E+22	1,819611E+22	1,474826E+22	1,253489E+22	1,253474E+22	1,474783E+22	1,819545E+22
-2493	2,159349E+22	2,403138E+22	2,521580E+22	2,521562E+22	2,403115E+22	2,159370E+22	1,819592E+22	1,474836E+22	1,253518E+22	1,253517E+22	1,474845E+22	1,819634E+22
-2492	2,159406E+22	2,403123E+22	2,521538E+22	2,521519E+22	2,403083E+22	2,159358E+22	1,819592E+22	1,474843E+22	1,253540E+22	1,253536E+22	1,474816E+22	1,819534E+22
-2491	2,159286E+22	2,403025E+22	2,521490E+22	2,521507E+22	2,403079E+22	2,159360E+22	1,819611E+22	1,474878E+22	1,253574E+22	1,253561E+22	1,474847E+22	1,819588E+22
-2490	2,159388E+22	2,403160E+22	2,521594E+22	2,521569E+22	2,403098E+22	2,159332E+22	1,819553E+22	1,474824E+22	1,253553E+22	1,253584E+22	1,474902E+22	1,819634E+22
-2489	2,159357E+22	2,403054E+22	2,521474E+22	2,521490E+22	2,403087E+22	2,159370E+22	1,819599E+22	1,474848E+22	1,253546E+22	1,253545E+22	1,474833E+22	1,819557E+22
-2488	2,159300E+22	2,403040E+22	2,521511E+22	2,521540E+22	2,403122E+22	2,159382E+22	1,819601E+22	1,474848E+22	1,253537E+22	1,253528E+22	1,474839E+22	1,819632E+22
-2487	2,159452E+22	2,403183E+22	2,521585E+22	2,521561E+22	2,403109E+22	2,159354E+22	1,819560E+22	1,474798E+22	1,253495E+22	1,253506E+22	1,474822E+22	1,819577E+22
-2486	2,159344E+22	2,403062E+22	2,521474E+22	2,521486E+22	2,403086E+22	2,159376E+22	1,819605E+22	1,474831E+22	1,253494E+22	1,253470E+22	1,474764E+22	1,819514E+22
-2485	2,159308E+22	2,403118E+22	2,521603E+22	2,521589E+22	2,403123E+22	2,159360E+22	1,819572E+22	1,474804E+22	1,253474E+22	1,253466E+22	1,474796E+22	1,819603E+22
-2484	2,159402E+22	2,403135E+22	2,521583E+22	2,521584E+22	2,403132E+22	2,159363E+22	1,819542E+22	1,474753E+22	1,253436E+22	1,253446E+22	1,474763E+22	1,819518E+22
-2483	2,159294E+22	2,403030E+22	2,521487E+22	2,521527E+22	2,403124E+22	2,159386E+22	1,819575E+22	1,474770E+22	1,253423E+22	1,253416E+22	1,474748E+22	1,819546E+22
-2482	2,159382E+22	2,403175E+22	2,521610E+22	2,521589E+22	2,403137E+22	2,159363E+22	1,819534E+22	1,474730E+22	1,253399E+22	1,253418E+22	1,474784E+22	1,819606E+22
-2481	2,159402E+22	2,403127E+22	2,521538E+22	2,521521E+22	2,403099E+22	2,159367E+22	1,819559E+22	1,474752E+22	1,253404E+22	1,253394E+22	1,474717E+22	1,819505E+22
-2480	2,159307E+22	2,403072E+22	2,521549E+22	2,521567E+22	2,403128E+22	2,159368E+22	1,819563E+22	1,474773E+22	1,253428E+22	1,253411E+22	1,474737E+22	1,819558E+22
-2479	2,159427E+22	2,403212E+22	2,521645E+22	2,521621E+22	2,403139E+22	2,159343E+22	1,819519E+22	1,474737E+22	1,253425E+22	1,253447E+22	1,474788E+22	1,819565E+22
-2478	2,159343E+22	2,403077E+22	2,521502E+22	2,521513E+22	2,403106E+22	2,159371E+22	1,819572E+22	1,474786E+22	1,253459E+22	1,253456E+22	1,474769E+22	1,819519E+22
-2477	2,159285E+22	2,403071E+22	2,521566E+22	2,521576E+22	2,403131E+22	2,159379E+22	1,819588E+22	1,474819E+22	1,253496E+22	1,253493E+22	1,474819E+22	1,819623E+22
-2476	2,159423E+22	2,403136E+22	2,521557E+22	2,521557E+22	2,403119E+22	2,159367E+22	1,819572E+22	1,474810E+22	1,253515E+22	1,253530E+22	1,474833E+22	1,819565E+22
-2475	2,159318E+22	2,403026E+22	2,521440E+22	2,521455E+22	2,403066E+22	2,159373E+22	1,819622E+22	1,474876E+22	1,253564E+22	1,253547E+22	1,474828E+22	1,819558E+22
-2474	2,159342E+22	2,403123E+22	2,521568E+22	2,521537E+22	2,403077E+22	2,159341E+22	1,819592E+22	1,474875E+22	1,253595E+22	1,253602E+22	1,474899E+22	1,819640E+22
-2473	2,159382E+22	2,403083E+22	2,521502E+22	2,521488E+22	2,403051E+22	2,159331E+22	1,819592E+22	1,474885E+22	1,253615E+22	1,253620E+22	1,474884E+22	1,819565E+22
-2472	2,159271E+22	2,402978E+22	2,521445E+22	2,521491E+22	2,403083E+22	2,159359E+22	1,819614E+22	1,474904E+22	1,253625E+22	1,253620E+22	1,474894E+22	1,819617E+22
-2471	2,159390E+22	2,403131E+22	2,521556E+22	2,521542E+22	2,403093E+22	2,159346E+22	1,819581E+22	1,474863E+22	1,253599E+22	1,253625E+22	1,474933E+22	1,819660E+22
-2470	2,159374E+22	2,403048E+22	2,521440E+22	2,521433E+22	2,403040E+22	2,159355E+22	1,819616E+22	1,474888E+22	1,253597E+22	1,253590E+22	1,474861E+22	1,819566E+22
-2469	2,159298E+22	2,403037E+22	2,521507E+22	2,521511E+22	2,403076E+22	2,159362E+22	1,819626E+22	1,474901E+22	1,253595E+22	1,253573E+22	1,474852E+22	1,819614E+22
-2468	2,159425E+22	2,403156E+22	2,521571E+22	2,521553E+22	2,403097E+22	2,159347E+22	1,819576E+22	1,474845E+22	1,253563E+22	1,253572E+22	1,474856E+22	1,819562E+22
-2467	2,159307E+22	2,403038E+22	2,521466E+22	2,521473E+22	2,403071E+22	2,159363E+22	1,819603E+22	1,474856E+22	1,253544E+22	1,253529E+22	1,474810E+22	1,819532E+22
-2466	2,159295E+22	2,403081E+22	2,521574E+22	2,521571E+22	2,403115E+22	2,159361E+22	1,819577E+22	1,474824E+22	1,253521E+22	1,253527E+22	1,474844E+22	1,819623E+22
-2465	2,159391E+22	2,403091E+22	2,521527E+22	2,521534E+22	2,403099E+22	2,159355E+22	1,819563E+22	1,474796E+22	1,253490E+22	1,253503E+22	1,474812E+22	1,819549E+22
-2464	2,159303E+22	2,403006E+22	2,521446E+22	2,521496E+22	2,403109E+22	2,159380E+22	1,819588E+22	1,474808E+22	1,253474E+22	1,253462E+22	1,474774E+22	1,819555E+22
-2463	2,159389E+22	2,403175E+22	2,521597E+22	2,521559E+22	2,403107E+22	2,159354E+22	1,819554E+22	1,474778E+22	1,253462E+22	1,253471E+22	1,474812E+22	1,819609E+22
-2462	2,159393E+22	2,403116E+22	2,521525E+22	2,521488E+22	2,403051E+22	2,159330E+22	1,819557E+22	1,474792E+22	1,253473E+22	1,253469E+22	1,474769E+22	1,819515E+22
-2461	2,159282E+22	2,403037E+22	2,521534E+22	2,521556E+22	2,403104E+22	2,159350E+22	1,819573E+22	1,474816E+22	1,253495E+22	1,253482E+22	1,474785E+22	1,819567E+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												
-2460	2,159399E+22	2,403157E+22	2,521595E+22	2,521596E+22	2,403137E+22	2,159356E+22	1,819543E+22	1,474783E+22	1,253495E+22	1,253523E+22	1,474846E+22	1,819585E+22
-2459	2,159332E+22	2,403050E+22	2,521464E+22	2,521468E+22	2,403075E+22	2,159367E+22	1,819592E+22	1,474828E+22	1,253517E+22	1,253517E+22	1,474817E+22	1,819549E+22
-2458	2,159297E+22	2,403052E+22	2,521530E+22	2,521531E+22	2,403094E+22	2,159369E+22	1,819608E+22	1,474868E+22	1,253567E+22	1,253562E+22	1,474858E+22	1,819626E+22
-2457	2,159410E+22	2,403112E+22	2,521524E+22	2,521506E+22	2,403065E+22	2,159342E+22	1,819594E+22	1,474875E+22	1,253602E+22	1,253612E+22	1,474886E+22	1,819576E+22
-2456	2,159299E+22	2,402994E+22	2,521416E+22	2,521443E+22	2,403051E+22	2,159352E+22	1,819626E+22	1,474921E+22	1,253640E+22	1,253624E+22	1,474875E+22	1,819566E+22
-2455	2,159324E+22	2,403091E+22	2,521541E+22	2,521521E+22	2,403071E+22	2,159341E+22	1,819606E+22	1,474918E+22	1,253663E+22	1,253672E+22	1,474954E+22	1,819667E+22
-2454	2,159377E+22	2,403053E+22	2,521462E+22	2,521445E+22	2,403018E+22	2,159318E+22	1,819601E+22	1,474920E+22	1,253674E+22	1,253688E+22	1,474944E+22	1,819601E+22
-2453	2,159275E+22	2,402952E+22	2,521413E+22	2,521457E+22	2,403051E+22	2,159353E+22	1,819642E+22	1,474951E+22	1,253678E+22	1,253667E+22	1,474923E+22	1,819628E+22
-2452	2,159391E+22	2,403112E+22	2,521521E+22	2,521509E+22	2,403076E+22	2,159353E+22	1,819613E+22	1,474918E+22	1,253664E+22	1,253681E+22	1,474960E+22	1,819654E+22
-2451	2,159364E+22	2,403055E+22	2,521443E+22	2,521406E+22	2,403000E+22	2,159334E+22	1,819627E+22	1,474928E+22	1,253654E+22	1,253642E+22	1,474889E+22	1,819563E+22
-2450	2,159278E+22	2,403015E+22	2,521501E+22	2,521507E+22	2,403058E+22	2,159343E+22	1,819626E+22	1,474934E+22	1,253658E+22	1,253641E+22	1,474891E+22	1,819605E+22
-2449	2,159383E+22	2,403105E+22	2,521532E+22	2,521530E+22	2,403081E+22	2,159336E+22	1,819583E+22	1,474882E+22	1,253625E+22	1,253643E+22	1,474917E+22	1,819589E+22
-2448	2,159289E+22	2,402982E+22	2,521410E+22	2,521449E+22	2,403068E+22	2,159362E+22	1,819608E+22	1,474878E+22	1,253587E+22	1,253578E+22	1,474851E+22	1,819558E+22
-2447	2,159301E+22	2,403053E+22	2,521524E+22	2,521528E+22	2,403093E+22	2,159366E+22	1,819601E+22	1,474862E+22	1,253564E+22	1,253565E+22	1,474877E+22	1,819650E+22
-2446	2,159411E+22	2,403090E+22	2,521493E+22	2,521473E+22	2,403038E+22	2,159322E+22	1,819569E+22	1,474833E+22	1,253543E+22	1,253552E+22	1,474847E+22	1,819565E+22
-2445	2,159306E+22	2,403005E+22	2,521442E+22	2,521469E+22	2,403058E+22	2,159349E+22	1,819600E+22	1,474851E+22	1,253531E+22	1,253512E+22	1,474797E+22	1,819547E+22
-2444	2,159367E+22	2,403153E+22	2,521587E+22	2,521559E+22	2,403100E+22	2,159345E+22	1,819563E+22	1,474820E+22	1,253529E+22	1,253542E+22	1,474856E+22	1,819605E+22
-2443	2,159366E+22	2,403100E+22	2,521519E+22	2,521479E+22	2,403039E+22	2,159321E+22	1,819559E+22	1,474818E+22	1,253526E+22	1,253532E+22	1,474821E+22	1,819537E+22
-2442	2,159270E+22	2,403000E+22	2,521502E+22	2,521538E+22	2,403099E+22	2,159357E+22	1,819590E+22	1,474852E+22	1,253556E+22	1,253551E+22	1,474834E+22	1,819580E+22
-2441	2,159381E+22	2,403110E+22	2,521536E+22	2,521547E+22	2,403110E+22	2,159359E+22	1,819579E+22	1,474846E+22	1,253571E+22	1,253594E+22	1,474898E+22	1,819610E+22
-2440	2,159331E+22	2,403015E+22	2,521412E+22	2,521428E+22	2,403052E+22	2,159362E+22	1,819619E+22	1,474889E+22	1,253594E+22	1,253584E+22	1,474853E+22	1,819556E+22
-2439	2,159293E+22	2,403037E+22	2,521501E+22	2,521491E+22	2,403055E+22	2,159357E+22	1,819638E+22	1,474935E+22	1,253652E+22	1,253638E+22	1,474907E+22	1,819638E+22
-2438	2,159392E+22	2,403085E+22	2,521494E+22	2,521463E+22	2,403007E+22	2,159298E+22	1,819593E+22	1,474926E+22	1,253687E+22	1,253703E+22	1,474957E+22	1,819603E+22
-2437	2,159281E+22	2,402957E+22	2,521387E+22	2,521418E+22	2,403016E+22	2,159329E+22	1,819633E+22	1,474963E+22	1,253709E+22	1,253700E+22	1,474935E+22	1,819591E+22
-2436	2,159313E+22	2,403052E+22	2,521496E+22	2,521493E+22	2,403059E+22	2,159343E+22	1,819624E+22	1,474958E+22	1,253726E+22	1,253743E+22	1,475008E+22	1,819689E+22
-2435	2,159380E+22	2,403050E+22	2,521440E+22	2,521408E+22	2,402985E+22	2,159306E+22	1,819613E+22	1,474954E+22	1,253722E+22	1,253736E+22	1,474980E+22	1,819624E+22
-2434	2,159290E+22	2,402954E+22	2,521400E+22	2,521434E+22	2,403027E+22	2,159344E+22	1,819655E+22	1,474993E+22	1,253740E+22	1,253721E+22	1,474944E+22	1,819614E+22
-2433	2,159365E+22	2,403091E+22	2,521501E+22	2,521483E+22	2,403046E+22	2,159339E+22	1,819634E+22	1,474973E+22	1,253736E+22	1,253744E+22	1,474995E+22	1,819650E+22
-2432	2,159330E+22	2,403011E+22	2,521420E+22	2,521414E+22	2,403007E+22	2,159327E+22	1,819634E+22	1,474966E+22	1,253713E+22	1,253701E+22	1,474925E+22	1,819564E+22
-2431	2,159252E+22	2,402974E+22	2,521461E+22	2,521489E+22	2,403056E+22	2,159352E+22	1,819645E+22	1,474970E+22	1,253709E+22	1,253695E+22	1,474940E+22	1,819629E+22
-2430	2,159365E+22	2,403059E+22	2,521475E+22	2,521477E+22	2,403041E+22	2,159320E+22	1,819592E+22	1,474913E+22	1,253674E+22	1,253699E+22	1,474972E+22	1,819628E+22
-2429	2,159297E+22	2,402958E+22	2,521367E+22	2,521402E+22	2,403025E+22	2,159348E+22	1,819628E+22	1,474916E+22	1,253632E+22	1,253619E+22	1,474880E+22	1,819574E+22
-2428	2,159311E+22	2,403048E+22	2,521491E+22	2,521485E+22	2,403059E+22	2,159354E+22	1,819618E+22	1,474905E+22	1,253623E+22	1,253618E+22	1,474905E+22	1,819648E+22
-2427	2,159410E+22	2,403111E+22	2,521501E+22	2,521449E+22	2,402992E+22	2,159287E+22	1,819566E+22	1,474864E+22	1,253595E+22	1,253604E+22	1,474879E+22	1,819572E+22
-2426	2,159297E+22	2,402995E+22	2,521444E+22	2,521475E+22	2,403045E+22	2,159325E+22	1,819590E+22	1,474880E+22	1,253593E+22	1,253578E+22	1,474836E+22	1,819542E+22
-2425	2,159328E+22	2,403104E+22	2,521551E+22	2,521544E+22	2,403094E+22	2,159344E+22	1,819578E+22	1,474861E+22	1,253593E+22	1,253611E+22	1,474912E+22	1,819629E+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	2,159345E+22	2,403045E+22	2,521468E+22	2,521466E+22	2,403045E+22	2,159332E+22	1,819581E+22	1,474857E+22	1,253581E+22	1,253588E+22	1,474862E+22	1,819558E+22
-2423	2,159270E+22	2,402972E+22	2,521448E+22	2,521492E+22	2,403077E+22	2,159369E+22	1,819632E+22	1,474913E+22	1,253621E+22	1,253607E+22	1,474875E+22	1,819599E+22
-2422	2,159376E+22	2,403091E+22	2,521492E+22	2,521481E+22	2,403046E+22	2,159330E+22	1,819600E+22	1,474909E+22	1,253654E+22	1,253669E+22	1,474948E+22	1,819627E+22
-2421	2,159322E+22	2,402998E+22	2,521391E+22	2,521390E+22	2,402995E+22	2,159330E+22	1,819637E+22	1,474949E+22	1,253679E+22	1,253663E+22	1,474898E+22	1,819558E+22
-2420	2,159269E+22	2,403007E+22	2,521472E+22	2,521472E+22	2,403034E+22	2,159339E+22	1,819647E+22	1,474987E+22	1,253739E+22	1,253730E+22	1,474971E+22	1,819650E+22
-2419	2,159374E+22	2,403071E+22	2,521476E+22	2,521439E+22	2,402981E+22	2,159278E+22	1,819591E+22	1,474956E+22	1,253748E+22	1,253777E+22	1,475022E+22	1,819642E+22
-2418	2,159282E+22	2,402929E+22	2,521358E+22	2,521399E+22	2,403003E+22	2,159324E+22	1,819640E+22	1,474997E+22	1,253769E+22	1,253765E+22	1,474981E+22	1,819610E+22
-2417	2,159305E+22	2,403020E+22	2,521452E+22	2,521457E+22	2,403039E+22	2,159346E+22	1,819654E+22	1,475012E+22	1,253793E+22	1,253804E+22	1,475051E+22	1,819710E+22
-2416	2,159379E+22	2,403027E+22	2,521409E+22	2,521388E+22	2,402972E+22	2,159304E+22	1,819635E+22	1,475002E+22	1,253785E+22	1,253788E+22	1,475001E+22	1,819617E+22
-2415	2,159274E+22	2,402940E+22	2,521380E+22	2,521411E+22	2,403004E+22	2,159341E+22	1,819683E+22	1,475049E+22	1,253808E+22	1,253781E+22	1,474981E+22	1,819612E+22
-2414	2,159326E+22	2,403051E+22	2,521467E+22	2,521452E+22	2,403009E+22	2,159308E+22	1,819634E+22	1,475015E+22	1,253806E+22	1,253817E+22	1,475052E+22	1,819671E+22
-2413	2,159305E+22	2,402962E+22	2,521372E+22	2,521377E+22	2,402978E+22	2,159316E+22	1,819645E+22	1,474998E+22	1,253767E+22	1,253760E+22	1,474972E+22	1,819589E+22
-2412	2,159243E+22	2,402933E+22	2,521402E+22	2,521443E+22	2,403035E+22	2,159351E+22	1,819661E+22	1,475003E+22	1,253758E+22	1,253749E+22	1,474984E+22	1,819654E+22
-2411	2,159378E+22	2,403066E+22	2,521446E+22	2,521425E+22	2,402990E+22	2,159293E+22	1,819594E+22	1,474937E+22	1,253710E+22	1,253735E+22	1,475001E+22	1,819654E+22
-2410	2,159318E+22	2,402974E+22	2,521365E+22	2,521377E+22	2,402988E+22	2,159319E+22	1,819623E+22	1,474945E+22	1,253683E+22	1,253663E+22	1,474896E+22	1,819564E+22
-2409	2,159293E+22	2,403042E+22	2,521489E+22	2,521475E+22	2,403035E+22	2,159332E+22	1,819623E+22	1,474946E+22	1,253684E+22	1,253675E+22	1,474937E+22	1,819647E+22
-2408	2,159382E+22	2,403078E+22	2,521492E+22	2,521472E+22	2,403008E+22	2,159283E+22	1,819568E+22	1,474893E+22	1,253648E+22	1,253658E+22	1,474911E+22	1,819572E+22
-2407	2,159272E+22	2,402964E+22	2,521415E+22	2,521468E+22	2,403057E+22	2,159346E+22	1,819620E+22	1,474923E+22	1,253648E+22	1,253634E+22	1,474885E+22	1,819561E+22
-2406	2,159298E+22	2,403053E+22	2,521496E+22	2,521500E+22	2,403066E+22	2,159341E+22	1,819604E+22	1,474914E+22	1,253661E+22	1,253677E+22	1,474965E+22	1,819659E+22
-2405	2,159342E+22	2,403010E+22	2,521414E+22	2,521412E+22	2,403008E+22	2,159332E+22	1,819619E+22	1,474919E+22	1,253654E+22	1,253653E+22	1,474902E+22	1,819572E+22
-2404	2,159267E+22	2,402954E+22	2,521401E+22	2,521436E+22	2,403034E+22	2,159358E+22	1,819661E+22	1,474980E+22	1,253711E+22	1,253690E+22	1,474923E+22	1,819603E+22
-2403	2,159362E+22	2,403090E+22	2,521477E+22	2,521440E+22	2,402988E+22	2,159287E+22	1,819600E+22	1,474956E+22	1,253733E+22	1,253753E+22	1,475008E+22	1,819652E+22
-2402	2,159312E+22	2,402979E+22	2,521377E+22	2,521378E+22	2,402970E+22	2,159294E+22	1,819620E+22	1,474986E+22	1,253761E+22	1,253752E+22	1,474960E+22	1,819575E+22
-2401	2,159244E+22	2,402962E+22	2,521426E+22	2,521441E+22	2,403017E+22	2,159327E+22	1,819651E+22	1,475025E+22	1,253808E+22	1,253808E+22	1,475038E+22	1,819689E+22
-2400	2,159368E+22	2,403027E+22	2,521431E+22	2,521424E+22	2,402980E+22	2,159281E+22	1,819607E+22	1,474992E+22	1,253801E+22	1,253830E+22	1,475060E+22	1,819667E+22
-2399	2,159294E+22	2,402923E+22	2,521325E+22	2,521364E+22	2,402985E+22	2,159332E+22	1,819677E+22	1,475051E+22	1,253827E+22	1,253813E+22	1,475013E+22	1,819619E+22
-2398	2,159290E+22	2,403002E+22	2,521422E+22	2,521409E+22	2,402990E+22	2,159324E+22	1,819675E+22	1,475071E+22	1,253867E+22	1,253866E+22	1,475084E+22	1,819712E+22
-2397	2,159359E+22	2,403004E+22	2,521391E+22	2,521363E+22	2,402942E+22	2,159292E+22	1,819658E+22	1,475055E+22	1,253857E+22	1,253855E+22	1,475035E+22	1,819610E+22
-2396	2,159241E+22	2,402902E+22	2,521343E+22	2,521388E+22	2,402995E+22	2,159337E+22	1,819697E+22	1,475094E+22	1,253880E+22	1,253857E+22	1,475032E+22	1,819619E+22
-2395	2,159300E+22	2,403024E+22	2,521433E+22	2,521415E+22	2,402981E+22	2,159293E+22	1,819635E+22	1,475039E+22	1,253853E+22	1,253875E+22	1,475104E+22	1,819709E+22
-2394	2,159310E+22	2,402938E+22	2,521337E+22	2,521347E+22	2,402954E+22	2,159298E+22	1,819643E+22	1,475026E+22	1,253817E+22	1,253811E+22	1,475007E+22	1,819607E+22
-2393	2,159244E+22	2,402913E+22	2,521362E+22	2,521399E+22	2,403002E+22	2,159338E+22	1,819676E+22	1,475044E+22	1,253810E+22	1,253796E+22	1,475016E+22	1,819673E+22
-2392	2,159383E+22	2,403058E+22	2,521437E+22	2,521413E+22	2,402971E+22	2,159278E+22	1,819602E+22	1,474971E+22	1,253759E+22	1,253776E+22	1,475017E+22	1,819649E+22
-2391	2,159310E+22	2,402977E+22	2,521369E+22	2,521373E+22	2,402974E+22	2,159310E+22	1,819638E+22	1,474986E+22	1,253736E+22	1,253716E+22	1,474930E+22	1,819562E+22
-2390	2,159254E+22	2,403005E+22	2,521467E+22	2,521461E+22	2,403018E+22	2,159313E+22	1,819624E+22	1,474981E+22	1,253746E+22	1,253742E+22	1,474987E+22	1,819665E+22
-2389	2,159358E+22	2,403031E+22	2,521448E+22	2,521443E+22	2,403002E+22	2,159294E+22	1,819589E+22	1,474928E+22	1,253704E+22	1,253718E+22	1,474954E+22	1,819590E+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	2,159259E+22	2,402923E+22	2,521355E+22	2,521421E+22	2,403042E+22	2,159358E+22	1,819652E+22	1,474974E+22	1,253715E+22	1,253701E+22	1,474931E+22	1,819580E+22
-2387	2,159299E+22	2,403044E+22	2,521455E+22	2,521441E+22	2,403016E+22	2,159320E+22	1,819620E+22	1,474961E+22	1,253724E+22	1,253737E+22	1,475006E+22	1,819684E+22
-2386	2,159349E+22	2,403005E+22	2,521393E+22	2,521372E+22	2,402961E+22	2,159296E+22	1,819620E+22	1,474971E+22	1,253737E+22	1,253726E+22	1,474940E+22	1,819572E+22
-2385	2,159243E+22	2,402929E+22	2,521379E+22	2,521407E+22	2,402998E+22	2,159329E+22	1,819667E+22	1,475032E+22	1,253794E+22	1,253775E+22	1,474983E+22	1,819623E+22
-2384	2,159341E+22	2,403050E+22	2,521454E+22	2,521438E+22	2,402981E+22	2,159271E+22	1,819598E+22	1,474989E+22	1,253798E+22	1,253825E+22	1,475060E+22	1,819672E+22
-2383	2,159301E+22	2,402952E+22	2,521346E+22	2,521357E+22	2,402964E+22	2,159302E+22	1,819642E+22	1,475026E+22	1,253818E+22	1,253818E+22	1,475019E+22	1,819606E+22
-2382	2,159230E+22	2,402923E+22	2,521380E+22	2,521399E+22	2,402988E+22	2,159319E+22	1,819672E+22	1,475075E+22	1,253875E+22	1,253874E+22	1,475086E+22	1,819720E+22
-2381	2,159375E+22	2,403006E+22	2,521386E+22	2,521373E+22	2,402952E+22	2,159287E+22	1,819644E+22	1,475051E+22	1,253873E+22	1,253890E+22	1,475088E+22	1,819668E+22
-2380	2,159285E+22	2,402911E+22	2,521295E+22	2,521321E+22	2,402954E+22	2,159330E+22	1,819711E+22	1,475120E+22	1,253913E+22	1,253890E+22	1,475050E+22	1,819611E+22
-2379	2,159262E+22	2,402987E+22	2,521410E+22	2,521380E+22	2,402946E+22	2,159290E+22	1,819680E+22	1,475118E+22	1,253941E+22	1,253941E+22	1,475133E+22	1,819723E+22
-2378	2,159333E+22	2,402967E+22	2,521365E+22	2,521348E+22	2,402923E+22	2,159265E+22	1,819647E+22	1,475090E+22	1,253930E+22	1,253932E+22	1,475088E+22	1,819623E+22
-2377	2,159212E+22	2,402851E+22	2,521290E+22	2,521346E+22	2,402974E+22	2,159330E+22	1,819705E+22	1,475126E+22	1,253936E+22	1,253923E+22	1,475090E+22	1,819657E+22
-2376	2,159300E+22	2,402982E+22	2,521389E+22	2,521386E+22	2,402963E+22	2,159287E+22	1,819645E+22	1,475065E+22	1,253892E+22	1,253915E+22	1,475133E+22	1,819732E+22
-2375	2,159331E+22	2,402943E+22	2,521318E+22	2,521312E+22	2,402927E+22	2,159294E+22	1,819663E+22	1,475063E+22	1,253858E+22	1,253848E+22	1,475034E+22	1,819616E+22
-2374	2,159237E+22	2,402908E+22	2,521353E+22	2,521368E+22	2,402959E+22	2,159307E+22	1,819679E+22	1,475082E+22	1,253868E+22	1,253848E+22	1,475042E+22	1,819676E+22
-2373	2,159370E+22	2,403043E+22	2,521430E+22	2,521404E+22	2,402960E+22	2,159273E+22	1,819614E+22	1,475007E+22	1,253815E+22	1,253831E+22	1,475044E+22	1,819641E+22
-2372	2,159282E+22	2,402947E+22	2,521348E+22	2,521365E+22	2,402981E+22	2,159321E+22	1,819656E+22	1,475024E+22	1,253797E+22	1,253782E+22	1,474975E+22	1,819569E+22
-2371	2,159227E+22	2,402970E+22	2,521433E+22	2,521431E+22	2,403001E+22	2,159312E+22	1,819638E+22	1,475011E+22	1,253795E+22	1,253798E+22	1,475034E+22	1,819695E+22
-2370	2,159357E+22	2,403001E+22	2,521410E+22	2,521410E+22	2,402983E+22	2,159287E+22	1,819602E+22	1,474972E+22	1,253767E+22	1,253777E+22	1,474991E+22	1,819606E+22
-2369	2,159255E+22	2,402896E+22	2,521303E+22	2,521358E+22	2,403001E+22	2,159348E+22	1,819677E+22	1,475030E+22	1,253787E+22	1,253768E+22	1,474974E+22	1,819598E+22
-2368	2,159293E+22	2,403018E+22	2,521431E+22	2,521409E+22	2,402978E+22	2,159297E+22	1,819632E+22	1,475010E+22	1,253796E+22	1,253803E+22	1,475041E+22	1,819689E+22
-2367	2,159340E+22	2,402995E+22	2,521385E+22	2,521354E+22	2,402931E+22	2,159271E+22	1,819628E+22	1,475018E+22	1,253808E+22	1,253805E+22	1,475000E+22	1,819588E+22
-2366	2,159210E+22	2,402883E+22	2,521344E+22	2,521377E+22	2,402966E+22	2,159298E+22	1,819661E+22	1,475070E+22	1,253867E+22	1,253857E+22	1,475049E+22	1,819659E+22
-2365	2,159334E+22	2,403009E+22	2,521408E+22	2,521398E+22	2,402966E+22	2,159279E+22	1,819618E+22	1,475027E+22	1,253860E+22	1,253893E+22	1,475111E+22	1,819697E+22
-2364	2,159303E+22	2,402929E+22	2,521303E+22	2,521312E+22	2,402943E+22	2,159310E+22	1,819676E+22	1,475081E+22	1,253888E+22	1,253885E+22	1,475060E+22	1,819620E+22
-2363	2,159234E+22	2,402920E+22	2,521353E+22	2,521350E+22	2,402943E+22	2,159302E+22	1,819692E+22	1,475127E+22	1,253944E+22	1,253935E+22	1,475120E+22	1,819728E+22
-2362	2,159371E+22	2,403000E+22	2,521379E+22	2,521351E+22	2,402918E+22	2,159259E+22	1,819651E+22	1,475109E+22	1,253959E+22	1,253964E+22	1,475120E+22	1,819655E+22
-2361	2,159247E+22	2,402873E+22	2,521269E+22	2,521299E+22	2,402933E+22	2,159316E+22	1,819726E+22	1,475174E+22	1,253996E+22	1,253973E+22	1,475107E+22	1,819624E+22
-2360	2,159227E+22	2,402927E+22	2,521377E+22	2,521374E+22	2,402943E+22	2,159286E+22	1,819687E+22	1,475153E+22	1,254002E+22	1,254009E+22	1,475182E+22	1,819743E+22
-2359	2,159321E+22	2,402932E+22	2,521328E+22	2,521320E+22	2,402910E+22	2,159270E+22	1,819669E+22	1,475126E+22	1,253978E+22	1,253991E+22	1,475146E+22	1,819656E+22
-2358	2,159204E+22	2,402811E+22	2,521240E+22	2,521296E+22	2,402934E+22	2,159314E+22	1,819717E+22	1,475164E+22	1,253990E+22	1,253977E+22	1,475134E+22	1,819691E+22
-2357	2,159320E+22	2,402975E+22	2,521352E+22	2,521331E+22	2,402929E+22	2,159287E+22	1,819666E+22	1,475104E+22	1,253944E+22	1,253961E+22	1,475155E+22	1,819732E+22
-2356	2,159331E+22	2,402947E+22	2,521312E+22	2,521284E+22	2,402898E+22	2,159283E+22	1,819681E+22	1,475109E+22	1,253922E+22	1,253908E+22	1,475061E+22	1,819609E+22
-2355	2,159223E+22	2,402902E+22	2,521353E+22	2,521357E+22	2,402931E+22	2,159278E+22	1,819672E+22	1,475110E+22	1,253921E+22	1,253905E+22	1,475082E+22	1,819685E+22
-2354	2,159352E+22	2,403011E+22	2,521410E+22	2,521398E+22	2,402955E+22	2,159256E+22	1,819605E+22	1,475034E+22	1,253871E+22	1,253889E+22	1,475082E+22	1,819648E+22
-2353	2,159255E+22	2,402897E+22	2,521300E+22	2,521329E+22	2,402970E+22	2,159329E+22	1,819676E+22	1,475060E+22	1,253849E+22	1,253839E+22	1,475024E+22	1,819599E+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												
-2352	2,159222E+22	2,402923E+22	2,521389E+22	2,521397E+22	2,402978E+22	2,159311E+22	1,819660E+22	1,475050E+22	1,253841E+22	1,253841E+22	1,475059E+22	1,819705E+22
-2351	2,159363E+22	2,402994E+22	2,521384E+22	2,521365E+22	2,402944E+22	2,159279E+22	1,819629E+22	1,475022E+22	1,253824E+22	1,253832E+22	1,475029E+22	1,819611E+22
-2350	2,159237E+22	2,402874E+22	2,521283E+22	2,521317E+22	2,402946E+22	2,159310E+22	1,819680E+22	1,475080E+22	1,253865E+22	1,253842E+22	1,475020E+22	1,819610E+22
-2349	2,159284E+22	2,402993E+22	2,521405E+22	2,521377E+22	2,402952E+22	2,159285E+22	1,819640E+22	1,475052E+22	1,253869E+22	1,253880E+22	1,475089E+22	1,819695E+22
-2348	2,159322E+22	2,402966E+22	2,521358E+22	2,521333E+22	2,402921E+22	2,159271E+22	1,819643E+22	1,475062E+22	1,253881E+22	1,253886E+22	1,475059E+22	1,819609E+22
-2347	2,159202E+22	2,402856E+22	2,521313E+22	2,521345E+22	2,402939E+22	2,159287E+22	1,819671E+22	1,475106E+22	1,253926E+22	1,253924E+22	1,475103E+22	1,819692E+22
-2346	2,159341E+22	2,402986E+22	2,521375E+22	2,521368E+22	2,402945E+22	2,159267E+22	1,819634E+22	1,475081E+22	1,253934E+22	1,253958E+22	1,475148E+22	1,819705E+22
-2345	2,159294E+22	2,402906E+22	2,521269E+22	2,521267E+22	2,402913E+22	2,159310E+22	1,819710E+22	1,475146E+22	1,253971E+22	1,253960E+22	1,475106E+22	1,819629E+22
-2344	2,159212E+22	2,402885E+22	2,521337E+22	2,521332E+22	2,402914E+22	2,159289E+22	1,819714E+22	1,475184E+22	1,254023E+22	1,254009E+22	1,475157E+22	1,819721E+22
-2343	2,159344E+22	2,402972E+22	2,521363E+22	2,521338E+22	2,402901E+22	2,159249E+22	1,819668E+22	1,475159E+22	1,254033E+22	1,254048E+22	1,475187E+22	1,819670E+22
-2342	2,159209E+22	2,402812E+22	2,521217E+22	2,521259E+22	2,402902E+22	2,159296E+22	1,819727E+22	1,475213E+22	1,254067E+22	1,254055E+22	1,475175E+22	1,819664E+22
-2341	2,159226E+22	2,402880E+22	2,521310E+22	2,521315E+22	2,402919E+22	2,159294E+22	1,819708E+22	1,475188E+22	1,254056E+22	1,254069E+22	1,475230E+22	1,819771E+22
-2340	2,159336E+22	2,402917E+22	2,521286E+22	2,521270E+22	2,402877E+22	2,159267E+22	1,819694E+22	1,475172E+22	1,254034E+22	1,254043E+22	1,475181E+22	1,819674E+22
-2339	2,159223E+22	2,402819E+22	2,521224E+22	2,521253E+22	2,402882E+22	2,159282E+22	1,819720E+22	1,475197E+22	1,254037E+22	1,254021E+22	1,475159E+22	1,819699E+22
-2338	2,159326E+22	2,402983E+22	2,521362E+22	2,521326E+22	2,402901E+22	2,159252E+22	1,819661E+22	1,475141E+22	1,254004E+22	1,254012E+22	1,475176E+22	1,819718E+22
-2337	2,159302E+22	2,402924E+22	2,521304E+22	2,521280E+22	2,402890E+22	2,159276E+22	1,819687E+22	1,475141E+22	1,253977E+22	1,253967E+22	1,475102E+22	1,819613E+22
-2336	2,159188E+22	2,402852E+22	2,521333E+22	2,521360E+22	2,402937E+22	2,159286E+22	1,819684E+22	1,475135E+22	1,253962E+22	1,253951E+22	1,475113E+22	1,819688E+22
-2335	2,159335E+22	2,402979E+22	2,521381E+22	2,521381E+22	2,402953E+22	2,159271E+22	1,819634E+22	1,475070E+22	1,253912E+22	1,253937E+22	1,475126E+22	1,819666E+22
-2334	2,159239E+22	2,402851E+22	2,521243E+22	2,521276E+22	2,402930E+22	2,159317E+22	1,819698E+22	1,475109E+22	1,253910E+22	1,253895E+22	1,475064E+22	1,819623E+22
-2333	2,159232E+22	2,402901E+22	2,521337E+22	2,521333E+22	2,402938E+22	2,159311E+22	1,819687E+22	1,475102E+22	1,253910E+22	1,253902E+22	1,475092E+22	1,819703E+22
-2332	2,159354E+22	2,402984E+22	2,521368E+22	2,521329E+22	2,402899E+22	2,159257E+22	1,819647E+22	1,475079E+22	1,253905E+22	1,253911E+22	1,475077E+22	1,819616E+22
-2331	2,159222E+22	2,402854E+22	2,521267E+22	2,521294E+22	2,402904E+22	2,159268E+22	1,819668E+22	1,475111E+22	1,253932E+22	1,253921E+22	1,475081E+22	1,819636E+22
-2330	2,159276E+22	2,402964E+22	2,521379E+22	2,521362E+22	2,402934E+22	2,159258E+22	1,819629E+22	1,475084E+22	1,253936E+22	1,253953E+22	1,475145E+22	1,819716E+22
-2329	2,159309E+22	2,402927E+22	2,521314E+22	2,521298E+22	2,402905E+22	2,159275E+22	1,819663E+22	1,475103E+22	1,253943E+22	1,253954E+22	1,475116E+22	1,819642E+22
-2328	2,159203E+22	2,402824E+22	2,521282E+22	2,521319E+22	2,402918E+22	2,159288E+22	1,819699E+22	1,475155E+22	1,253987E+22	1,253977E+22	1,475132E+22	1,819697E+22
-2327	2,159341E+22	2,402982E+22	2,521361E+22	2,521340E+22	2,402918E+22	2,159267E+22	1,819669E+22	1,475142E+22	1,254005E+22	1,254025E+22	1,475190E+22	1,819704E+22
-2326	2,159262E+22	2,402870E+22	2,521243E+22	2,521237E+22	2,402873E+22	2,159287E+22	1,819728E+22	1,475210E+22	1,254060E+22	1,254046E+22	1,475160E+22	1,819641E+22
-2325	2,159192E+22	2,402840E+22	2,521288E+22	2,521296E+22	2,402900E+22	2,159293E+22	1,819735E+22	1,475236E+22	1,254103E+22	1,254093E+22	1,475215E+22	1,819728E+22
-2324	2,159315E+22	2,402928E+22	2,521318E+22	2,521303E+22	2,402884E+22	2,159253E+22	1,819693E+22	1,475210E+22	1,254107E+22	1,254128E+22	1,475250E+22	1,819702E+22
-2323	2,159210E+22	2,402781E+22	2,521172E+22	2,521212E+22	2,402860E+22	2,159274E+22	1,819734E+22	1,475248E+22	1,254123E+22	1,254116E+22	1,475229E+22	1,819705E+22
-2322	2,159250E+22	2,402871E+22	2,521273E+22	2,521271E+22	2,402876E+22	2,159263E+22	1,819712E+22	1,475232E+22	1,254117E+22	1,254119E+22	1,475258E+22	1,819779E+22
-2321	2,159338E+22	2,402915E+22	2,521266E+22	2,521231E+22	2,402840E+22	2,159252E+22	1,819710E+22	1,475217E+22	1,254095E+22	1,254098E+22	1,475213E+22	1,819679E+22
-2320	2,159209E+22	2,402808E+22	2,521235E+22	2,521256E+22	2,402857E+22	2,159258E+22	1,819724E+22	1,475232E+22	1,254089E+22	1,254068E+22	1,475180E+22	1,819685E+22
-2319	2,159297E+22	2,402963E+22	2,521361E+22	2,521335E+22	2,402900E+22	2,159247E+22	1,819668E+22	1,475170E+22	1,254051E+22	1,254069E+22	1,475222E+22	1,819720E+22
-2318	2,159258E+22	2,402866E+22	2,521262E+22	2,521261E+22	2,402880E+22	2,159272E+22	1,819695E+22	1,475172E+22	1,254029E+22	1,254025E+22	1,475151E+22	1,819641E+22
-2317	2,159183E+22	2,402804E+22	2,521262E+22	2,521307E+22	2,402925E+22	2,159306E+22	1,819712E+22	1,475171E+22	1,254010E+22	1,253999E+22	1,475146E+22	1,819697E+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	2,159330E+22	2,402956E+22	2,521336E+22	2,521331E+22	2,402920E+22	2,159272E+22	1,819666E+22	1,475123E+22	1,253974E+22	1,253990E+22	1,475157E+22	1,819677E+22
-2315	2,159247E+22	2,402847E+22	2,521217E+22	2,521228E+22	2,402871E+22	2,159277E+22	1,819700E+22	1,475150E+22	1,253973E+22	1,253954E+22	1,475101E+22	1,819635E+22
-2314	2,159232E+22	2,402897E+22	2,521327E+22	2,521314E+22	2,402895E+22	2,159263E+22	1,819680E+22	1,475147E+22	1,253983E+22	1,253971E+22	1,475132E+22	1,819703E+22
-2313	2,159329E+22	2,402957E+22	2,521347E+22	2,521315E+22	2,402885E+22	2,159243E+22	1,819650E+22	1,475116E+22	1,253971E+22	1,253987E+22	1,475140E+22	1,819641E+22
-2312	2,159200E+22	2,402815E+22	2,521249E+22	2,521290E+22	2,402898E+22	2,159266E+22	1,819677E+22	1,475140E+22	1,253981E+22	1,253977E+22	1,475127E+22	1,819657E+22
-2311	2,159272E+22	2,402942E+22	2,521354E+22	2,521347E+22	2,402929E+22	2,159270E+22	1,819659E+22	1,475125E+22	1,253988E+22	1,254013E+22	1,475196E+22	1,819739E+22
-2310	2,159300E+22	2,402892E+22	2,521266E+22	2,521255E+22	2,402874E+22	2,159271E+22	1,819692E+22	1,475163E+22	1,254019E+22	1,254022E+22	1,475159E+22	1,819661E+22
-2309	2,159207E+22	2,402804E+22	2,521232E+22	2,521263E+22	2,402889E+22	2,159298E+22	1,819738E+22	1,475224E+22	1,254073E+22	1,254052E+22	1,475170E+22	1,819687E+22
-2308	2,159312E+22	2,402960E+22	2,521341E+22	2,521314E+22	2,402885E+22	2,159254E+22	1,819699E+22	1,475215E+22	1,254103E+22	1,254116E+22	1,475243E+22	1,819712E+22
-2307	2,159238E+22	2,402826E+22	2,521202E+22	2,521204E+22	2,402832E+22	2,159250E+22	1,819726E+22	1,475255E+22	1,254141E+22	1,254135E+22	1,475230E+22	1,819673E+22
-2306	2,159183E+22	2,402799E+22	2,521237E+22	2,521258E+22	2,402866E+22	2,159265E+22	1,819735E+22	1,475278E+22	1,254175E+22	1,254169E+22	1,475275E+22	1,819758E+22
-2305	2,159310E+22	2,402894E+22	2,521264E+22	2,521249E+22	2,402848E+22	2,159244E+22	1,819710E+22	1,475249E+22	1,254165E+22	1,254191E+22	1,475304E+22	1,819737E+22
-2304	2,159216E+22	2,402769E+22	2,521151E+22	2,521178E+22	2,402822E+22	2,159255E+22	1,819745E+22	1,475283E+22	1,254169E+22	1,254157E+22	1,475250E+22	1,819709E+22
-2303	2,159256E+22	2,402886E+22	2,521282E+22	2,521259E+22	2,402850E+22	2,159246E+22	1,819723E+22	1,475268E+22	1,254168E+22	1,254170E+22	1,475288E+22	1,819772E+22
-2302	2,159309E+22	2,402890E+22	2,521256E+22	2,521226E+22	2,402819E+22	2,159229E+22	1,819713E+22	1,475257E+22	1,254159E+22	1,254159E+22	1,475248E+22	1,819682E+22
-2301	2,159187E+22	2,402772E+22	2,521197E+22	2,521242E+22	2,402869E+22	2,159275E+22	1,819740E+22	1,475266E+22	1,254145E+22	1,254126E+22	1,475217E+22	1,819680E+22
-2300	2,159260E+22	2,402921E+22	2,521327E+22	2,521317E+22	2,402900E+22	2,159264E+22	1,819699E+22	1,475214E+22	1,254107E+22	1,254124E+22	1,475262E+22	1,819739E+22
-2299	2,159250E+22	2,402825E+22	2,521210E+22	2,521218E+22	2,402848E+22	2,159260E+22	1,819710E+22	1,475208E+22	1,254078E+22	1,254076E+22	1,475193E+22	1,819671E+22
-2298	2,159197E+22	2,402789E+22	2,521213E+22	2,521255E+22	2,402881E+22	2,159280E+22	1,819726E+22	1,475221E+22	1,254072E+22	1,254051E+22	1,475177E+22	1,819704E+22
-2297	2,159322E+22	2,402945E+22	2,521305E+22	2,521283E+22	2,402875E+22	2,159252E+22	1,819682E+22	1,475172E+22	1,254042E+22	1,254055E+22	1,475201E+22	1,819690E+22
-2296	2,159230E+22	2,402834E+22	2,521219E+22	2,521219E+22	2,402836E+22	2,159242E+22	1,819694E+22	1,475183E+22	1,254031E+22	1,254015E+22	1,475141E+22	1,819642E+22
-2295	2,159217E+22	2,402882E+22	2,521320E+22	2,521314E+22	2,402886E+22	2,159245E+22	1,819674E+22	1,475171E+22	1,254036E+22	1,254040E+22	1,475192E+22	1,819724E+22
-2294	2,159303E+22	2,402910E+22	2,521303E+22	2,521290E+22	2,402869E+22	2,159236E+22	1,819659E+22	1,475150E+22	1,254030E+22	1,254052E+22	1,475195E+22	1,819681E+22
-2293	2,159211E+22	2,402785E+22	2,521187E+22	2,521243E+22	2,402889E+22	2,159287E+22	1,819710E+22	1,475187E+22	1,254040E+22	1,254033E+22	1,475163E+22	1,819665E+22
-2292	2,159264E+22	2,402928E+22	2,521322E+22	2,521307E+22	2,402902E+22	2,159275E+22	1,819703E+22	1,475196E+22	1,254066E+22	1,254074E+22	1,475226E+22	1,819744E+22
-2291	2,159295E+22	2,402880E+22	2,521244E+22	2,521217E+22	2,402826E+22	2,159241E+22	1,819708E+22	1,475224E+22	1,254104E+22	1,254100E+22	1,475204E+22	1,819669E+22
-2290	2,159194E+22	2,402784E+22	2,521204E+22	2,521235E+22	2,402849E+22	2,159260E+22	1,819745E+22	1,475287E+22	1,254165E+22	1,254139E+22	1,475221E+22	1,819686E+22
-2289	2,159269E+22	2,402910E+22	2,521297E+22	2,521284E+22	2,402867E+22	2,159245E+22	1,819713E+22	1,475266E+22	1,254185E+22	1,254206E+22	1,475315E+22	1,819741E+22
-2288	2,159212E+22	2,402783E+22	2,521172E+22	2,521179E+22	2,402807E+22	2,159236E+22	1,819734E+22	1,475292E+22	1,254202E+22	1,254201E+22	1,475284E+22	1,819704E+22
-2287	2,159185E+22	2,402777E+22	2,521203E+22	2,521226E+22	2,402841E+22	2,159255E+22	1,819750E+22	1,475315E+22	1,254229E+22	1,254231E+22	1,475327E+22	1,819783E+22
-2286	2,159307E+22	2,402870E+22	2,521222E+22	2,521203E+22	2,402810E+22	2,159228E+22	1,819726E+22	1,475299E+22	1,254232E+22	1,254251E+22	1,475343E+22	1,819758E+22
-2285	2,159226E+22	2,402765E+22	2,521120E+22	2,521139E+22	2,402799E+22	2,159255E+22	1,819765E+22	1,475331E+22	1,254236E+22	1,254216E+22	1,475277E+22	1,819696E+22
-2284	2,159226E+22	2,402872E+22	2,521279E+22	2,521255E+22	2,402837E+22	2,159238E+22	1,819741E+22	1,475319E+22	1,254239E+22	1,254234E+22	1,475324E+22	1,819776E+22
-2283	2,159284E+22	2,402849E+22	2,521225E+22	2,521213E+22	2,402805E+22	2,159210E+22	1,819708E+22	1,475285E+22	1,254215E+22	1,254223E+22	1,475299E+22	1,819706E+22
-2282	2,159176E+22	2,402734E+22	2,521145E+22	2,521207E+22	2,402849E+22	2,159263E+22	1,819750E+22	1,475303E+22	1,254197E+22	1,254179E+22	1,475257E+22	1,819698E+22
-2281	2,159244E+22	2,402882E+22	2,521271E+22	2,521268E+22	2,402876E+22	2,159267E+22	1,819725E+22	1,475256E+22	1,254157E+22	1,254173E+22	1,475301E+22	1,819763E+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												
-2280	2,159248E+22	2,402814E+22	2,521189E+22	2,521178E+22	2,402805E+22	2,159239E+22	1,819722E+22	1,475246E+22	1,254126E+22	1,254115E+22	1,475213E+22	1,819676E+22
-2279	2,159199E+22	2,402799E+22	2,521215E+22	2,521235E+22	2,402846E+22	2,159254E+22	1,819730E+22	1,475254E+22	1,254126E+22	1,254109E+22	1,475214E+22	1,819706E+22
-2278	2,159296E+22	2,402920E+22	2,521287E+22	2,521266E+22	2,402848E+22	2,159225E+22	1,819680E+22	1,475208E+22	1,254107E+22	1,254124E+22	1,475248E+22	1,819709E+22
-2277	2,159220E+22	2,402807E+22	2,521180E+22	2,521199E+22	2,402842E+22	2,159253E+22	1,819703E+22	1,475214E+22	1,254088E+22	1,254078E+22	1,475185E+22	1,819652E+22
-2276	2,159195E+22	2,402856E+22	2,521297E+22	2,521300E+22	2,402885E+22	2,159257E+22	1,819702E+22	1,475216E+22	1,254096E+22	1,254096E+22	1,475233E+22	1,819753E+22
-2275	2,159306E+22	2,402878E+22	2,521255E+22	2,521251E+22	2,402842E+22	2,159223E+22	1,819675E+22	1,475196E+22	1,254092E+22	1,254110E+22	1,475235E+22	1,819705E+22
-2274	2,159221E+22	2,402775E+22	2,521147E+22	2,521195E+22	2,402847E+22	2,159267E+22	1,819737E+22	1,475255E+22	1,254121E+22	1,254100E+22	1,475197E+22	1,819663E+22
-2273	2,159237E+22	2,402905E+22	2,521296E+22	2,521267E+22	2,402861E+22	2,159261E+22	1,819730E+22	1,475263E+22	1,254157E+22	1,254159E+22	1,475277E+22	1,819746E+22
-2272	2,159254E+22	2,402846E+22	2,521231E+22	2,521199E+22	2,402792E+22	2,159210E+22	1,819712E+22	1,475274E+22	1,254186E+22	1,254184E+22	1,475261E+22	1,819681E+22
-2271	2,159167E+22	2,402748E+22	2,521172E+22	2,521214E+22	2,402834E+22	2,159244E+22	1,819745E+22	1,475319E+22	1,254236E+22	1,254229E+22	1,475297E+22	1,819719E+22
-2270	2,159245E+22	2,402850E+22	2,521230E+22	2,521232E+22	2,402836E+22	2,159233E+22	1,819723E+22	1,475306E+22	1,254254E+22	1,254282E+22	1,475380E+22	1,819791E+22
-2269	2,159231E+22	2,402756E+22	2,521105E+22	2,521120E+22	2,402785E+22	2,159240E+22	1,819756E+22	1,475336E+22	1,254263E+22	1,254260E+22	1,475322E+22	1,819720E+22
-2268	2,159189E+22	2,402778E+22	2,521186E+22	2,521191E+22	2,402807E+22	2,159244E+22	1,819776E+22	1,475373E+22	1,254299E+22	1,254286E+22	1,475354E+22	1,819795E+22
-2267	2,159307E+22	2,402862E+22	2,521211E+22	2,521180E+22	2,402771E+22	2,159195E+22	1,819729E+22	1,475343E+22	1,254300E+22	1,254316E+22	1,475378E+22	1,819763E+22
-2266	2,159214E+22	2,402753E+22	2,521108E+22	2,521129E+22	2,402778E+22	2,159232E+22	1,819773E+22	1,475377E+22	1,254303E+22	1,254282E+22	1,475315E+22	1,819691E+22
-2265	2,159183E+22	2,402827E+22	2,521248E+22	2,521239E+22	2,402837E+22	2,159249E+22	1,819762E+22	1,475358E+22	1,254298E+22	1,254299E+22	1,475372E+22	1,819791E+22
-2264	2,159255E+22	2,402809E+22	2,521199E+22	2,521191E+22	2,402794E+22	2,159212E+22	1,819724E+22	1,475316E+22	1,254259E+22	1,254269E+22	1,475334E+22	1,819726E+22
-2263	2,159178E+22	2,402715E+22	2,521108E+22	2,521170E+22	2,402828E+22	2,159261E+22	1,819767E+22	1,475335E+22	1,254244E+22	1,254230E+22	1,475295E+22	1,819713E+22
-2262	2,159235E+22	2,402853E+22	2,521223E+22	2,521212E+22	2,402834E+22	2,159251E+22	1,819742E+22	1,475304E+22	1,254220E+22	1,254229E+22	1,475334E+22	1,819781E+22
-2261	2,159255E+22	2,402808E+22	2,521160E+22	2,521139E+22	2,402776E+22	2,159225E+22	1,819733E+22	1,475290E+22	1,254190E+22	1,254176E+22	1,475245E+22	1,819671E+22
-2260	2,159173E+22	2,402782E+22	2,521213E+22	2,521229E+22	2,402826E+22	2,159233E+22	1,819734E+22	1,475295E+22	1,254192E+22	1,254173E+22	1,475257E+22	1,819724E+22
-2259	2,159281E+22	2,402883E+22	2,521258E+22	2,521248E+22	2,402829E+22	2,159201E+22	1,819670E+22	1,475231E+22	1,254162E+22	1,254189E+22	1,475303E+22	1,819742E+22
-2258	2,159225E+22	2,402784E+22	2,521140E+22	2,521161E+22	2,402816E+22	2,159240E+22	1,819715E+22	1,475250E+22	1,254139E+22	1,254132E+22	1,475224E+22	1,819667E+22
-2257	2,159183E+22	2,402825E+22	2,521253E+22	2,521256E+22	2,402864E+22	2,159264E+22	1,819733E+22	1,475266E+22	1,254157E+22	1,254153E+22	1,475267E+22	1,819762E+22
-2256	2,159296E+22	2,402870E+22	2,521246E+22	2,521221E+22	2,402808E+22	2,159208E+22	1,819692E+22	1,475246E+22	1,254159E+22	1,254167E+22	1,475262E+22	1,819704E+22
-2255	2,159207E+22	2,402767E+22	2,521140E+22	2,521175E+22	2,402819E+22	2,159247E+22	1,819747E+22	1,475303E+22	1,254200E+22	1,254184E+22	1,475247E+22	1,819663E+22
-2254	2,159192E+22	2,402848E+22	2,521253E+22	2,521239E+22	2,402840E+22	2,159246E+22	1,819742E+22	1,475318E+22	1,254244E+22	1,254251E+22	1,475342E+22	1,819773E+22
-2253	2,159238E+22	2,402797E+22	2,521170E+22	2,521160E+22	2,402786E+22	2,159217E+22	1,819730E+22	1,475320E+22	1,254260E+22	1,254267E+22	1,475323E+22	1,819705E+22
-2252	2,159149E+22	2,402711E+22	2,521134E+22	2,521178E+22	2,402811E+22	2,159245E+22	1,819772E+22	1,475373E+22	1,254307E+22	1,254297E+22	1,475351E+22	1,819763E+22
-2251	2,159260E+22	2,402821E+22	2,521179E+22	2,521177E+22	2,402792E+22	2,159210E+22	1,819734E+22	1,475353E+22	1,254322E+22	1,254349E+22	1,475427E+22	1,819822E+22
-2250	2,159255E+22	2,402763E+22	2,521078E+22	2,521069E+22	2,402732E+22	2,159214E+22	1,819775E+22	1,475395E+22	1,254336E+22	1,254324E+22	1,475354E+22	1,819719E+22
-2249	2,159171E+22	2,402768E+22	2,521179E+22	2,521171E+22	2,402779E+22	2,159231E+22	1,819795E+22	1,475427E+22	1,254376E+22	1,254359E+22	1,475395E+22	1,819791E+22
-2248	2,159273E+22	2,402839E+22	2,521213E+22	2,521180E+22	2,402757E+22	2,159175E+22	1,819729E+22	1,475379E+22	1,254363E+22	1,254380E+22	1,475420E+22	1,819768E+22
-2247	2,159189E+22	2,402720E+22	2,521087E+22	2,521119E+22	2,402779E+22	2,159233E+22	1,819778E+22	1,475401E+22	1,254357E+22	1,254350E+22	1,475370E+22	1,819711E+22
-2246	2,159153E+22	2,402762E+22	2,521185E+22	2,521193E+22	2,402818E+22	2,159254E+22	1,819785E+22	1,475398E+22	1,254352E+22	1,254356E+22	1,475416E+22	1,819821E+22
-2245	2,159262E+22	2,402779E+22	2,521135E+22	2,521134E+22	2,402773E+22	2,159219E+22	1,819751E+22	1,475360E+22	1,254311E+22	1,254316E+22	1,475360E+22	1,819730E+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	2,159176E+22	2,402714E+22	2,521097E+22	2,521134E+22	2,402789E+22	2,159246E+22	1,819787E+22	1,475386E+22	1,254306E+22	1,254278E+22	1,475319E+22	1,819726E+22
-2243	2,159236E+22	2,402837E+22	2,521205E+22	2,521180E+22	2,402787E+22	2,159208E+22	1,819732E+22	1,475337E+22	1,254282E+22	1,254291E+22	1,475371E+22	1,819791E+22
-2242	2,159251E+22	2,402796E+22	2,521147E+22	2,521122E+22	2,402747E+22	2,159196E+22	1,819730E+22	1,475323E+22	1,254247E+22	1,254238E+22	1,475287E+22	1,819677E+22
-2241	2,159145E+22	2,402747E+22	2,521192E+22	2,521216E+22	2,402823E+22	2,159235E+22	1,819744E+22	1,475323E+22	1,254242E+22	1,254233E+22	1,475305E+22	1,819743E+22
-2240	2,159264E+22	2,402853E+22	2,521239E+22	2,521229E+22	2,402817E+22	2,159199E+22	1,819682E+22	1,475259E+22	1,254203E+22	1,254233E+22	1,475336E+22	1,819761E+22
-2239	2,159230E+22	2,402772E+22	2,521116E+22	2,521133E+22	2,402803E+22	2,159243E+22	1,819734E+22	1,475287E+22	1,254195E+22	1,254191E+22	1,475261E+22	1,819675E+22
-2238	2,159166E+22	2,402789E+22	2,521209E+22	2,521204E+22	2,402828E+22	2,159259E+22	1,819763E+22	1,475328E+22	1,254236E+22	1,254224E+22	1,475305E+22	1,819767E+22
-2237	2,159283E+22	2,402843E+22	2,521209E+22	2,521185E+22	2,402785E+22	2,159201E+22	1,819715E+22	1,475306E+22	1,254244E+22	1,254249E+22	1,475309E+22	1,819701E+22
-2236	2,159171E+22	2,402731E+22	2,521120E+22	2,521155E+22	2,402796E+22	2,159231E+22	1,819762E+22	1,475361E+22	1,254287E+22	1,254269E+22	1,475310E+22	1,819696E+22
-2235	2,159179E+22	2,402788E+22	2,521192E+22	2,521189E+22	2,402804E+22	2,159221E+22	1,819742E+22	1,475357E+22	1,254318E+22	1,254336E+22	1,475413E+22	1,819819E+22
-2234	2,159253E+22	2,402770E+22	2,521117E+22	2,521100E+22	2,402736E+22	2,159198E+22	1,819749E+22	1,475369E+22	1,254326E+22	1,254337E+22	1,475377E+22	1,819733E+22
-2233	2,159153E+22	2,402694E+22	2,521098E+22	2,521128E+22	2,402772E+22	2,159235E+22	1,819797E+22	1,475425E+22	1,254376E+22	1,254362E+22	1,475393E+22	1,819776E+22
-2232	2,159259E+22	2,402829E+22	2,521184E+22	2,521150E+22	2,402751E+22	2,159185E+22	1,819744E+22	1,475399E+22	1,254389E+22	1,254408E+22	1,475456E+22	1,819821E+22
-2231	2,159247E+22	2,402765E+22	2,521091E+22	2,521069E+22	2,402717E+22	2,159197E+22	1,819777E+22	1,475432E+22	1,254408E+22	1,254402E+22	1,475398E+22	1,819712E+22
-2230	2,159127E+22	2,402714E+22	2,521147E+22	2,521159E+22	2,402777E+22	2,159232E+22	1,819812E+22	1,475474E+22	1,254449E+22	1,254436E+22	1,475446E+22	1,819803E+22
-2229	2,159251E+22	2,402790E+22	2,521161E+22	2,521158E+22	2,402768E+22	2,159196E+22	1,819756E+22	1,475422E+22	1,254424E+22	1,254444E+22	1,475466E+22	1,819781E+22
-2228	2,159166E+22	2,402676E+22	2,521047E+22	2,521087E+22	2,402763E+22	2,159241E+22	1,819812E+22	1,475454E+22	1,254416E+22	1,254402E+22	1,475411E+22	1,819744E+22
-2227	2,159159E+22	2,402720E+22	2,521123E+22	2,521132E+22	2,402772E+22	2,159235E+22	1,819799E+22	1,475442E+22	1,254412E+22	1,254413E+22	1,475455E+22	1,819843E+22
-2226	2,159280E+22	2,402780E+22	2,521107E+22	2,521075E+22	2,402706E+22	2,159186E+22	1,819766E+22	1,475408E+22	1,254373E+22	1,254374E+22	1,475392E+22	1,819728E+22
-2225	2,159156E+22	2,402699E+22	2,521088E+22	2,521110E+22	2,402752E+22	2,159218E+22	1,819789E+22	1,475422E+22	1,254367E+22	1,254344E+22	1,475362E+22	1,819728E+22
-2224	2,159213E+22	2,402821E+22	2,521207E+22	2,521177E+22	2,402768E+22	2,159179E+22	1,819715E+22	1,475352E+22	1,254328E+22	1,254347E+22	1,475415E+22	1,819808E+22
-2223	2,159245E+22	2,402775E+22	2,521131E+22	2,521114E+22	2,402746E+22	2,159191E+22	1,819722E+22	1,475331E+22	1,254286E+22	1,254294E+22	1,475334E+22	1,819698E+22
-2222	2,159132E+22	2,402699E+22	2,521140E+22	2,521178E+22	2,402809E+22	2,159245E+22	1,819769E+22	1,475360E+22	1,254288E+22	1,254280E+22	1,475339E+22	1,819763E+22
-2221	2,159273E+22	2,402833E+22	2,521192E+22	2,521189E+22	2,402803E+22	2,159210E+22	1,819715E+22	1,475310E+22	1,254260E+22	1,254279E+22	1,475356E+22	1,819753E+22
-2220	2,159215E+22	2,402763E+22	2,521109E+22	2,521108E+22	2,402771E+22	2,159237E+22	1,819767E+22	1,475352E+22	1,254271E+22	1,254251E+22	1,475293E+22	1,819682E+22
-2219	2,159148E+22	2,402747E+22	2,521174E+22	2,521171E+22	2,402788E+22	2,159231E+22	1,819770E+22	1,475381E+22	1,254320E+22	1,254309E+22	1,475360E+22	1,819777E+22
-2218	2,159267E+22	2,402811E+22	2,521173E+22	2,521147E+22	2,402747E+22	2,159182E+22	1,819730E+22	1,475358E+22	1,254322E+22	1,254336E+22	1,475373E+22	1,819718E+22
-2217	2,159145E+22	2,402685E+22	2,521079E+22	2,521121E+22	2,402774E+22	2,159228E+22	1,819780E+22	1,475407E+22	1,254360E+22	1,254351E+22	1,475377E+22	1,819728E+22
-2216	2,159177E+22	2,402765E+22	2,521160E+22	2,521150E+22	2,402767E+22	2,159202E+22	1,819751E+22	1,475397E+22	1,254380E+22	1,254400E+22	1,475462E+22	1,819849E+22
-2215	2,159272E+22	2,402770E+22	2,521096E+22	2,521067E+22	2,402707E+22	2,159184E+22	1,819758E+22	1,475410E+22	1,254396E+22	1,254409E+22	1,475422E+22	1,819745E+22
-2214	2,159145E+22	2,402673E+22	2,521072E+22	2,521090E+22	2,402736E+22	2,159224E+22	1,819822E+22	1,475486E+22	1,254456E+22	1,254437E+22	1,475435E+22	1,819779E+22
-2213	2,159242E+22	2,402803E+22	2,521162E+22	2,521139E+22	2,402742E+22	2,159179E+22	1,819764E+22	1,475455E+22	1,254468E+22	1,254485E+22	1,475500E+22	1,819814E+22
-2212	2,159206E+22	2,402726E+22	2,521079E+22	2,521069E+22	2,402716E+22	2,159199E+22	1,819798E+22	1,475484E+22	1,254483E+22	1,254476E+22	1,475456E+22	1,819741E+22
-2211	2,159108E+22	2,402645E+22	2,521077E+22	2,521112E+22	2,402753E+22	2,159225E+22	1,819822E+22	1,475512E+22	1,254513E+22	1,254508E+22	1,475504E+22	1,819833E+22
-2210	2,159254E+22	2,402755E+22	2,521099E+22	2,521092E+22	2,402719E+22	2,159187E+22	1,819784E+22	1,475469E+22	1,254479E+22	1,254500E+22	1,475508E+22	1,819798E+22
-2209	2,159164E+22	2,402656E+22	2,521009E+22	2,521035E+22	2,402717E+22	2,159225E+22	1,819831E+22	1,475501E+22	1,254476E+22	1,254456E+22	1,475444E+22	1,819751E+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	2,159159E+22	2,402724E+22	2,521117E+22	2,521096E+22	2,402718E+22	2,159195E+22	1,819795E+22	1,475475E+22	1,254465E+22	1,254462E+22	1,475483E+22	1,819845E+22
-2207	2,159278E+22	2,402782E+22	2,521115E+22	2,521075E+22	2,402686E+22	2,159157E+22	1,819750E+22	1,475425E+22	1,254425E+22	1,254437E+22	1,475434E+22	1,819731E+22
-2206	2,159129E+22	2,402661E+22	2,521061E+22	2,521099E+22	2,402746E+22	2,159214E+22	1,819794E+22	1,475448E+22	1,254415E+22	1,254400E+22	1,475407E+22	1,819745E+22
-2205	2,159203E+22	2,402786E+22	2,521170E+22	2,521166E+22	2,402779E+22	2,159195E+22	1,819735E+22	1,475381E+22	1,254368E+22	1,254391E+22	1,475448E+22	1,819817E+22
-2204	2,159232E+22	2,402751E+22	2,521110E+22	2,521101E+22	2,402741E+22	2,159205E+22	1,819755E+22	1,475377E+22	1,254335E+22	1,254333E+22	1,475364E+22	1,819722E+22
-2203	2,159136E+22	2,402664E+22	2,521084E+22	2,521126E+22	2,402773E+22	2,159236E+22	1,819792E+22	1,475413E+22	1,254356E+22	1,254338E+22	1,475370E+22	1,819766E+22
-2202	2,159271E+22	2,402827E+22	2,521168E+22	2,521138E+22	2,402746E+22	2,159191E+22	1,819747E+22	1,475375E+22	1,254338E+22	1,254350E+22	1,475393E+22	1,819745E+22
-2201	2,159180E+22	2,402729E+22	2,521090E+22	2,521087E+22	2,402736E+22	2,159213E+22	1,819782E+22	1,475410E+22	1,254357E+22	1,254339E+22	1,475353E+22	1,819689E+22
-2200	2,159119E+22	2,402712E+22	2,521145E+22	2,521146E+22	2,402757E+22	2,159202E+22	1,819765E+22	1,475416E+22	1,254390E+22	1,254391E+22	1,475428E+22	1,819809E+22
-2199	2,159262E+22	2,402781E+22	2,521135E+22	2,521116E+22	2,402726E+22	2,159169E+22	1,819726E+22	1,475383E+22	1,254386E+22	1,254416E+22	1,475440E+22	1,819753E+22
-2198	2,159141E+22	2,402643E+22	2,521021E+22	2,521068E+22	2,402740E+22	2,159223E+22	1,819802E+22	1,475454E+22	1,254425E+22	1,254417E+22	1,475428E+22	1,819759E+22
-2197	2,159195E+22	2,402756E+22	2,521124E+22	2,521116E+22	2,402744E+22	2,159196E+22	1,819776E+22	1,475451E+22	1,254450E+22	1,254461E+22	1,475495E+22	1,819850E+22
-2196	2,159261E+22	2,402767E+22	2,521100E+22	2,521057E+22	2,402681E+22	2,159171E+22	1,819782E+22	1,475472E+22	1,254474E+22	1,254474E+22	1,475461E+22	1,819755E+22
-2195	2,159124E+22	2,402631E+22	2,521039E+22	2,521070E+22	2,402713E+22	2,159205E+22	1,819832E+22	1,475538E+22	1,254539E+22	1,254521E+22	1,475489E+22	1,819785E+22
-2194	2,159218E+22	2,402769E+22	2,521127E+22	2,521107E+22	2,402715E+22	2,159177E+22	1,819792E+22	1,475507E+22	1,254540E+22	1,254562E+22	1,475556E+22	1,819825E+22
-2193	2,159170E+22	2,402671E+22	2,521030E+22	2,521036E+22	2,402699E+22	2,159205E+22	1,819828E+22	1,475535E+22	1,254551E+22	1,254547E+22	1,475511E+22	1,819764E+22
-2192	2,159102E+22	2,402615E+22	2,521027E+22	2,521063E+22	2,402716E+22	2,159210E+22	1,819836E+22	1,475552E+22	1,254568E+22	1,254563E+22	1,475545E+22	1,819857E+22
-2191	2,159267E+22	2,402752E+22	2,521068E+22	2,521046E+22	2,402680E+22	2,159166E+22	1,819785E+22	1,475503E+22	1,254539E+22	1,254560E+22	1,475544E+22	1,819807E+22
-2190	2,159155E+22	2,402640E+22	2,520982E+22	2,520995E+22	2,402671E+22	2,159200E+22	1,819842E+22	1,475545E+22	1,254539E+22	1,254516E+22	1,475482E+22	1,819758E+22
-2189	2,159149E+22	2,402709E+22	2,521104E+22	2,521093E+22	2,402704E+22	2,159171E+22	1,819793E+22	1,475508E+22	1,254521E+22	1,254519E+22	1,475520E+22	1,819845E+22
-2188	2,159249E+22	2,402757E+22	2,521109E+22	2,521083E+22	2,402688E+22	2,159153E+22	1,819755E+22	1,475454E+22	1,254472E+22	1,254485E+22	1,475479E+22	1,819762E+22
-2187	2,159120E+22	2,402613E+22	2,521008E+22	2,521066E+22	2,402731E+22	2,159212E+22	1,819803E+22	1,475474E+22	1,254460E+22	1,254450E+22	1,475447E+22	1,819766E+22
-2186	2,159208E+22	2,402771E+22	2,521128E+22	2,521114E+22	2,402741E+22	2,159198E+22	1,819771E+22	1,475427E+22	1,254415E+22	1,254432E+22	1,475472E+22	1,819818E+22
-2185	2,159220E+22	2,402736E+22	2,521086E+22	2,521068E+22	2,402710E+22	2,159200E+22	1,819785E+22	1,475434E+22	1,254402E+22	1,254388E+22	1,475391E+22	1,819716E+22
-2184	2,159123E+22	2,402659E+22	2,521069E+22	2,521097E+22	2,402730E+22	2,159205E+22	1,819797E+22	1,475459E+22	1,254426E+22	1,254404E+22	1,475408E+22	1,819765E+22
-2183	2,159248E+22	2,402805E+22	2,521154E+22	2,521131E+22	2,402729E+22	2,159166E+22	1,819738E+22	1,475410E+22	1,254413E+22	1,254434E+22	1,475452E+22	1,819758E+22
-2182	2,159147E+22	2,402677E+22	2,521043E+22	2,521058E+22	2,402719E+22	2,159207E+22	1,819794E+22	1,475453E+22	1,254428E+22	1,254420E+22	1,475421E+22	1,819724E+22
-2181	2,159112E+22	2,402669E+22	2,521093E+22	2,521116E+22	2,402742E+22	2,159199E+22	1,819784E+22	1,475459E+22	1,254452E+22	1,254456E+22	1,475481E+22	1,819837E+22
-2180	2,159261E+22	2,402761E+22	2,521105E+22	2,521089E+22	2,402705E+22	2,159168E+22	1,819755E+22	1,475437E+22	1,254450E+22	1,254473E+22	1,475489E+22	1,819792E+22
-2179	2,159155E+22	2,402623E+22	2,520971E+22	2,521010E+22	2,402693E+22	2,159203E+22	1,819820E+22	1,475508E+22	1,254502E+22	1,254488E+22	1,475469E+22	1,819767E+22
-2178	2,159193E+22	2,402754E+22	2,521107E+22	2,521071E+22	2,402690E+22	2,159177E+22	1,819805E+22	1,475515E+22	1,254532E+22	1,254537E+22	1,475537E+22	1,819844E+22
-2177	2,159223E+22	2,402733E+22	2,521086E+22	2,521053E+22	2,402665E+22	2,159156E+22	1,819798E+22	1,475530E+22	1,254562E+22	1,254562E+22	1,475518E+22	1,819761E+22
-2176	2,159095E+22	2,402592E+22	2,520996E+22	2,521042E+22	2,402693E+22	2,159189E+22	1,819835E+22	1,475577E+22	1,254609E+22	1,254599E+22	1,475551E+22	1,819811E+22
-2175	2,159203E+22	2,402730E+22	2,521080E+22	2,521071E+22	2,402696E+22	2,159172E+22	1,819798E+22	1,475541E+22	1,254604E+22	1,254633E+22	1,475610E+22	1,819852E+22
-2174	2,159163E+22	2,402629E+22	2,520967E+22	2,520975E+22	2,402658E+22	2,159198E+22	1,819855E+22	1,475587E+22	1,254614E+22	1,254605E+22	1,475553E+22	1,819787E+22
-2173	2,159110E+22	2,402604E+22	2,520992E+22	2,521023E+22	2,402677E+22	2,159190E+22	1,819853E+22	1,475601E+22	1,254631E+22	1,254615E+22	1,475571E+22	1,819856E+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	2,159253E+22	2,402752E+22	2,521073E+22	2,521039E+22	2,402653E+22	2,159144E+22	1,819795E+22	1,475548E+22	1,254601E+22	1,254614E+22	1,475580E+22	1,819822E+22
-2171	2,159140E+22	2,402610E+22	2,520954E+22	2,520977E+22	2,402651E+22	2,159176E+22	1,819835E+22	1,475575E+22	1,254600E+22	1,254581E+22	1,475526E+22	1,819769E+22
-2170	2,159136E+22	2,402690E+22	2,521082E+22	2,521070E+22	2,402687E+22	2,159171E+22	1,819811E+22	1,475539E+22	1,254568E+22	1,254572E+22	1,475560E+22	1,819858E+22
-2169	2,159225E+22	2,402719E+22	2,521081E+22	2,521073E+22	2,402686E+22	2,159161E+22	1,819779E+22	1,475494E+22	1,254523E+22	1,254535E+22	1,475514E+22	1,819776E+22
-2168	2,159120E+22	2,402598E+22	2,520970E+22	2,521031E+22	2,402707E+22	2,159205E+22	1,819820E+22	1,475513E+22	1,254509E+22	1,254495E+22	1,475477E+22	1,819777E+22
-2167	2,159206E+22	2,402767E+22	2,521107E+22	2,521082E+22	2,402713E+22	2,159185E+22	1,819780E+22	1,475469E+22	1,254482E+22	1,254492E+22	1,475502E+22	1,819814E+22
-2166	2,159192E+22	2,402706E+22	2,521055E+22	2,521032E+22	2,402674E+22	2,159184E+22	1,819805E+22	1,475489E+22	1,254478E+22	1,254462E+22	1,475438E+22	1,819725E+22
-2165	2,159100E+22	2,402623E+22	2,521038E+22	2,521085E+22	2,402716E+22	2,159184E+22	1,819801E+22	1,475502E+22	1,254497E+22	1,254480E+22	1,475464E+22	1,819781E+22
-2164	2,159221E+22	2,402766E+22	2,521119E+22	2,521112E+22	2,402718E+22	2,159159E+22	1,819746E+22	1,475446E+22	1,254473E+22	1,254500E+22	1,475517E+22	1,819807E+22
-2163	2,159147E+22	2,402628E+22	2,520972E+22	2,521000E+22	2,402683E+22	2,159191E+22	1,819802E+22	1,475488E+22	1,254489E+22	1,254487E+22	1,475476E+22	1,819761E+22
-2162	2,159132E+22	2,402667E+22	2,521054E+22	2,521053E+22	2,402687E+22	2,159185E+22	1,819812E+22	1,475509E+22	1,254513E+22	1,254512E+22	1,475516E+22	1,819848E+22
-2161	2,159255E+22	2,402754E+22	2,521091E+22	2,521060E+22	2,402668E+22	2,159151E+22	1,819778E+22	1,475498E+22	1,254529E+22	1,254541E+22	1,475521E+22	1,819789E+22
-2160	2,159144E+22	2,402624E+22	2,520963E+22	2,520992E+22	2,402659E+22	2,159175E+22	1,819826E+22	1,475558E+22	1,254581E+22	1,254565E+22	1,475513E+22	1,819767E+22
-2159	2,159164E+22	2,402730E+22	2,521094E+22	2,521067E+22	2,402683E+22	2,159164E+22	1,819805E+22	1,475558E+22	1,254614E+22	1,254623E+22	1,475591E+22	1,819848E+22
-2158	2,159182E+22	2,402674E+22	2,521034E+22	2,521023E+22	2,402657E+22	2,159165E+22	1,819826E+22	1,475583E+22	1,254639E+22	1,254643E+22	1,475582E+22	1,819789E+22
-2157	2,159080E+22	2,402542E+22	2,520938E+22	2,521010E+22	2,402679E+22	2,159191E+22	1,819863E+22	1,475629E+22	1,254677E+22	1,254664E+22	1,475599E+22	1,819835E+22
-2156	2,159193E+22	2,402700E+22	2,521038E+22	2,521033E+22	2,402672E+22	2,159169E+22	1,819827E+22	1,475598E+22	1,254669E+22	1,254689E+22	1,475655E+22	1,819886E+22
-2155	2,159169E+22	2,402606E+22	2,520917E+22	2,520912E+22	2,402602E+22	2,159169E+22	1,819867E+22	1,475638E+22	1,254689E+22	1,254675E+22	1,475595E+22	1,819798E+22
-2154	2,159108E+22	2,402605E+22	2,520982E+22	2,520980E+22	2,402620E+22	2,159159E+22	1,819867E+22	1,475648E+22	1,254699E+22	1,254683E+22	1,475613E+22	1,819857E+22
-2153	2,159222E+22	2,402724E+22	2,521065E+22	2,521039E+22	2,402643E+22	2,159126E+22	1,819796E+22	1,475585E+22	1,254667E+22	1,254685E+22	1,475629E+22	1,819834E+22
-2152	2,159127E+22	2,402588E+22	2,520924E+22	2,520957E+22	2,402640E+22	2,159164E+22	1,819828E+22	1,475591E+22	1,254643E+22	1,254636E+22	1,475572E+22	1,819794E+22
-2151	2,159132E+22	2,402667E+22	2,521049E+22	2,521047E+22	2,402680E+22	2,159172E+22	1,819814E+22	1,475562E+22	1,254612E+22	1,254617E+22	1,475590E+22	1,819873E+22
-2150	2,159220E+22	2,402691E+22	2,521036E+22	2,521031E+22	2,402665E+22	2,159165E+22	1,819809E+22	1,475541E+22	1,254575E+22	1,254579E+22	1,475539E+22	1,819786E+22
-2149	2,159117E+22	2,402584E+22	2,520943E+22	2,521002E+22	2,402679E+22	2,159191E+22	1,819839E+22	1,475562E+22	1,254569E+22	1,254544E+22	1,475497E+22	1,819769E+22
-2148	2,159175E+22	2,402745E+22	2,521101E+22	2,521076E+22	2,402696E+22	2,159173E+22	1,819796E+22	1,475518E+22	1,254546E+22	1,254552E+22	1,475545E+22	1,819829E+22
-2147	2,159168E+22	2,402661E+22	2,521008E+22	2,520995E+22	2,402646E+22	2,159162E+22	1,819805E+22	1,475527E+22	1,254547E+22	1,254540E+22	1,475495E+22	1,819746E+22
-2146	2,159087E+22	2,402595E+22	2,520997E+22	2,521032E+22	2,402678E+22	2,159178E+22	1,819820E+22	1,475540E+22	1,254556E+22	1,254546E+22	1,475517E+22	1,819808E+22
-2145	2,159209E+22	2,402730E+22	2,521083E+22	2,521082E+22	2,402697E+22	2,159154E+22	1,819767E+22	1,475493E+22	1,254538E+22	1,254564E+22	1,475562E+22	1,819834E+22
-2144	2,159165E+22	2,402627E+22	2,520934E+22	2,520951E+22	2,402642E+22	2,159168E+22	1,819809E+22	1,475530E+22	1,254552E+22	1,254547E+22	1,475514E+22	1,819777E+22
-2143	2,159137E+22	2,402674E+22	2,521045E+22	2,521024E+22	2,402654E+22	2,159162E+22	1,819816E+22	1,475558E+22	1,254592E+22	1,254583E+22	1,475550E+22	1,819843E+22
-2142	2,159227E+22	2,402727E+22	2,521074E+22	2,521041E+22	2,402643E+22	2,159136E+22	1,819799E+22	1,475561E+22	1,254617E+22	1,254626E+22	1,475573E+22	1,819793E+22
-2141	2,159109E+22	2,402578E+22	2,520936E+22	2,520989E+22	2,402655E+22	2,159165E+22	1,819839E+22	1,475612E+22	1,254663E+22	1,254649E+22	1,475572E+22	1,819780E+22
-2140	2,159123E+22	2,402673E+22	2,521053E+22	2,521050E+22	2,402684E+22	2,159175E+22	1,819830E+22	1,475607E+22	1,254684E+22	1,254699E+22	1,475657E+22	1,819889E+22
-2139	2,159171E+22	2,402616E+22	2,520952E+22	2,520952E+22	2,402619E+22	2,159159E+22	1,819849E+22	1,475635E+22	1,254713E+22	1,254720E+22	1,475639E+22	1,819822E+22
-2138	2,159092E+22	2,402531E+22	2,520889E+22	2,520931E+22	2,402618E+22	2,159179E+22	1,819894E+22	1,475686E+22	1,254747E+22	1,254728E+22	1,475639E+22	1,819849E+22
-2137	2,159187E+22	2,402686E+22	2,521019E+22	2,520998E+22	2,402629E+22	2,159144E+22	1,819843E+22	1,475655E+22	1,254748E+22	1,254759E+22	1,475690E+22	1,819890E+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												
-2136	2,159167E+22	2,402606E+22	2,520908E+22	2,520891E+22	2,402566E+22	2,159131E+22	1,819856E+22	1,475671E+22	1,254753E+22	1,254745E+22	1,475641E+22	1,819810E+22
-2135	2,159096E+22	2,402593E+22	2,520978E+22	2,520980E+22	2,402615E+22	2,159141E+22	1,819852E+22	1,475670E+22	1,254757E+22	1,254747E+22	1,475657E+22	1,819867E+22
-2134	2,159196E+22	2,402680E+22	2,521029E+22	2,521021E+22	2,402643E+22	2,159138E+22	1,819817E+22	1,475619E+22	1,254716E+22	1,254739E+22	1,475673E+22	1,819857E+22
-2133	2,159120E+22	2,402554E+22	2,520892E+22	2,520943E+22	2,402639E+22	2,159173E+22	1,819853E+22	1,475629E+22	1,254687E+22	1,254676E+22	1,475598E+22	1,819806E+22
-2132	2,159124E+22	2,402645E+22	2,521021E+22	2,521018E+22	2,402668E+22	2,159181E+22	1,819844E+22	1,475608E+22	1,254660E+22	1,254656E+22	1,475613E+22	1,819881E+22
-2131	2,159210E+22	2,402664E+22	2,520991E+22	2,520973E+22	2,402619E+22	2,159148E+22	1,819826E+22	1,475591E+22	1,254644E+22	1,254641E+22	1,475571E+22	1,819785E+22
-2130	2,159102E+22	2,402572E+22	2,520926E+22	2,520956E+22	2,402629E+22	2,159167E+22	1,819854E+22	1,475609E+22	1,254639E+22	1,254614E+22	1,475541E+22	1,819772E+22
-2129	2,159139E+22	2,402696E+22	2,521071E+22	2,521058E+22	2,402679E+22	2,159154E+22	1,819798E+22	1,475558E+22	1,254616E+22	1,254628E+22	1,475599E+22	1,819852E+22
-2128	2,159164E+22	2,402632E+22	2,520962E+22	2,520952E+22	2,402615E+22	2,159140E+22	1,819798E+22	1,475548E+22	1,254599E+22	1,254606E+22	1,475554E+22	1,819785E+22
-2127	2,159098E+22	2,402582E+22	2,520967E+22	2,520994E+22	2,402648E+22	2,159158E+22	1,819816E+22	1,475568E+22	1,254610E+22	1,254601E+22	1,475555E+22	1,819827E+22
-2126	2,159211E+22	2,402715E+22	2,521050E+22	2,521038E+22	2,402664E+22	2,159147E+22	1,819791E+22	1,475545E+22	1,254603E+22	1,254622E+22	1,475595E+22	1,819843E+22
-2125	2,159162E+22	2,402620E+22	2,520932E+22	2,520941E+22	2,402619E+22	2,159151E+22	1,819824E+22	1,475583E+22	1,254625E+22	1,254612E+22	1,475544E+22	1,819769E+22
-2124	2,159104E+22	2,402647E+22	2,521042E+22	2,521030E+22	2,402655E+22	2,159161E+22	1,819836E+22	1,475612E+22	1,254668E+22	1,254659E+22	1,475600E+22	1,819852E+22
-2123	2,159191E+22	2,402670E+22	2,521022E+22	2,521009E+22	2,402631E+22	2,159135E+22	1,819817E+22	1,475614E+22	1,254702E+22	1,254717E+22	1,475640E+22	1,819816E+22
-2122	2,159088E+22	2,402535E+22	2,520885E+22	2,520930E+22	2,402623E+22	2,159174E+22	1,819876E+22	1,475668E+22	1,254740E+22	1,254730E+22	1,475635E+22	1,819809E+22
-2121	2,159104E+22	2,402617E+22	2,520996E+22	2,521005E+22	2,402658E+22	2,159175E+22	1,819864E+22	1,475672E+22	1,254766E+22	1,254777E+22	1,475709E+22	1,819917E+22
-2120	2,159189E+22	2,402606E+22	2,520900E+22	2,520883E+22	2,402563E+22	2,159132E+22	1,819859E+22	1,475684E+22	1,254787E+22	1,254794E+22	1,475689E+22	1,819845E+22
-2119	2,159101E+22	2,402535E+22	2,520878E+22	2,520890E+22	2,402567E+22	2,159140E+22	1,819889E+22	1,475731E+22	1,254825E+22	1,254802E+22	1,475681E+22	1,819853E+22
-2118	2,159169E+22	2,402665E+22	2,521006E+22	2,520979E+22	2,402600E+22	2,159120E+22	1,819849E+22	1,475701E+22	1,254821E+22	1,254835E+22	1,475743E+22	1,819905E+22
-2117	2,159149E+22	2,402573E+22	2,520894E+22	2,520895E+22	2,402562E+22	2,159116E+22	1,819853E+22	1,475698E+22	1,254808E+22	1,254805E+22	1,475686E+22	1,819825E+22
-2116	2,159075E+22	2,402554E+22	2,520953E+22	2,520974E+22	2,402624E+22	2,159156E+22	1,819870E+22	1,475697E+22	1,254795E+22	1,254791E+22	1,475699E+22	1,819893E+22
-2115	2,159193E+22	2,402641E+22	2,520971E+22	2,520967E+22	2,402615E+22	2,159140E+22	1,819841E+22	1,475659E+22	1,254765E+22	1,254785E+22	1,475702E+22	1,819867E+22
-2114	2,159122E+22	2,402548E+22	2,520860E+22	2,520878E+22	2,402591E+22	2,159172E+22	1,819887E+22	1,475679E+22	1,254743E+22	1,254721E+22	1,475618E+22	1,819798E+22
-2113	2,159099E+22	2,402617E+22	2,521005E+22	2,520996E+22	2,402639E+22	2,159167E+22	1,819864E+22	1,475663E+22	1,254733E+22	1,254719E+22	1,475639E+22	1,819871E+22
-2112	2,159196E+22	2,402646E+22	2,520968E+22	2,520945E+22	2,402584E+22	2,159115E+22	1,819817E+22	1,475622E+22	1,254708E+22	1,254713E+22	1,475621E+22	1,819796E+22
-2111	2,159085E+22	2,402547E+22	2,520907E+22	2,520938E+22	2,402610E+22	2,159142E+22	1,819839E+22	1,475634E+22	1,254699E+22	1,254681E+22	1,475593E+22	1,819793E+22
-2110	2,159123E+22	2,402653E+22	2,521030E+22	2,521025E+22	2,402660E+22	2,159152E+22	1,819814E+22	1,475594E+22	1,254671E+22	1,254690E+22	1,475652E+22	1,819885E+22
-2109	2,159169E+22	2,402604E+22	2,520935E+22	2,520933E+22	2,402597E+22	2,159132E+22	1,819812E+22	1,475585E+22	1,254649E+22	1,254655E+22	1,475590E+22	1,819803E+22
-2108	2,159101E+22	2,402572E+22	2,520951E+22	2,520973E+22	2,402634E+22	2,159161E+22	1,819841E+22	1,475613E+22	1,254665E+22	1,254654E+22	1,475590E+22	1,819836E+22
-2107	2,159201E+22	2,402694E+22	2,521020E+22	2,520994E+22	2,402624E+22	2,159133E+22	1,819813E+22	1,475603E+22	1,254684E+22	1,254700E+22	1,475638E+22	1,819842E+22
-2106	2,159139E+22	2,402600E+22	2,520917E+22	2,520907E+22	2,402588E+22	2,159145E+22	1,819849E+22	1,475641E+22	1,254710E+22	1,254698E+22	1,475600E+22	1,819776E+22
-2105	2,159062E+22	2,402581E+22	2,521000E+22	2,521012E+22	2,402650E+22	2,159163E+22	1,819858E+22	1,475670E+22	1,254757E+22	1,254750E+22	1,475662E+22	1,819873E+22
-2104	2,159182E+22	2,402625E+22	2,520956E+22	2,520952E+22	2,402598E+22	2,159124E+22	1,819830E+22	1,475657E+22	1,254774E+22	1,254800E+22	1,475708E+22	1,819858E+22
-2103	2,159099E+22	2,402513E+22	2,520841E+22	2,520873E+22	2,402575E+22	2,159149E+22	1,819886E+22	1,475719E+22	1,254814E+22	1,254800E+22	1,475683E+22	1,819833E+22
-2102	2,159109E+22	2,402594E+22	2,520952E+22	2,520945E+22	2,402605E+22	2,159156E+22	1,819888E+22	1,475733E+22	1,254844E+22	1,254848E+22	1,475752E+22	1,819930E+22
-2101	2,159187E+22	2,402598E+22	2,520901E+22	2,520871E+22	2,402525E+22	2,159100E+22	1,819863E+22	1,475731E+22	1,254858E+22	1,254862E+22	1,475729E+22	1,819847E+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	2,159083E+22	2,402519E+22	2,520879E+22	2,520896E+22	2,402562E+22	2,159129E+22	1,819893E+22	1,475764E+22	1,254882E+22	1,254868E+22	1,475730E+22	1,819863E+22
-2099	2,159143E+22	2,402621E+22	2,520965E+22	2,520951E+22	2,402587E+22	2,159119E+22	1,819860E+22	1,475737E+22	1,254882E+22	1,254903E+22	1,475794E+22	1,819922E+22
-2098	2,159135E+22	2,402545E+22	2,520863E+22	2,520858E+22	2,402547E+22	2,159132E+22	1,819883E+22	1,475738E+22	1,254860E+22	1,254858E+22	1,475725E+22	1,819841E+22
-2097	2,159059E+22	2,402507E+22	2,520909E+22	2,520946E+22	2,402613E+22	2,159165E+22	1,819904E+22	1,475751E+22	1,254856E+22	1,254842E+22	1,475721E+22	1,819896E+22
-2096	2,159200E+22	2,402630E+22	2,520928E+22	2,520912E+22	2,402571E+22	2,159123E+22	1,819856E+22	1,475702E+22	1,254825E+22	1,254841E+22	1,475734E+22	1,819871E+22
-2095	2,159115E+22	2,402543E+22	2,520853E+22	2,520846E+22	2,402541E+22	2,159133E+22	1,819885E+22	1,475723E+22	1,254812E+22	1,254785E+22	1,475653E+22	1,819795E+22
-2094	2,159068E+22	2,402575E+22	2,520975E+22	2,520972E+22	2,402611E+22	2,159145E+22	1,819870E+22	1,475704E+22	1,254800E+22	1,254793E+22	1,475695E+22	1,819887E+22
-2093	2,159172E+22	2,402603E+22	2,520945E+22	2,520937E+22	2,402571E+22	2,159097E+22	1,819811E+22	1,475644E+22	1,254757E+22	1,254774E+22	1,475676E+22	1,819825E+22
-2092	2,159081E+22	2,402515E+22	2,520874E+22	2,520919E+22	2,402604E+22	2,159147E+22	1,819849E+22	1,475653E+22	1,254732E+22	1,254728E+22	1,475641E+22	1,819826E+22
-2091	2,159135E+22	2,402628E+22	2,520976E+22	2,520969E+22	2,402622E+22	2,159144E+22	1,819833E+22	1,475634E+22	1,254724E+22	1,254741E+22	1,475687E+22	1,819903E+22
-2090	2,159182E+22	2,402611E+22	2,520919E+22	2,520884E+22	2,402555E+22	2,159127E+22	1,819838E+22	1,475636E+22	1,254712E+22	1,254708E+22	1,475616E+22	1,819799E+22
-2089	2,159080E+22	2,402548E+22	2,520945E+22	2,520966E+22	2,402616E+22	2,159154E+22	1,819867E+22	1,475676E+22	1,254748E+22	1,254727E+22	1,475621E+22	1,819825E+22
-2088	2,159183E+22	2,402670E+22	2,520993E+22	2,520970E+22	2,402601E+22	2,159116E+22	1,819820E+22	1,475649E+22	1,254763E+22	1,254785E+22	1,475698E+22	1,819854E+22
-2087	2,159114E+22	2,402562E+22	2,520886E+22	2,520883E+22	2,402567E+22	2,159132E+22	1,819859E+22	1,475691E+22	1,254790E+22	1,254780E+22	1,475662E+22	1,819798E+22
-2086	2,159042E+22	2,402522E+22	2,520938E+22	2,520966E+22	2,402626E+22	2,159168E+22	1,819892E+22	1,475730E+22	1,254836E+22	1,254832E+22	1,475727E+22	1,819907E+22
-2085	2,159181E+22	2,402588E+22	2,520912E+22	2,520910E+22	2,402559E+22	2,159108E+22	1,819849E+22	1,475710E+22	1,254846E+22	1,254868E+22	1,475756E+22	1,819880E+22
-2084	2,159104E+22	2,402502E+22	2,520814E+22	2,520834E+22	2,402539E+22	2,159135E+22	1,819904E+22	1,475768E+22	1,254882E+22	1,254869E+22	1,475730E+22	1,819846E+22
-2083	2,159102E+22	2,402578E+22	2,520925E+22	2,520899E+22	2,402548E+22	2,159120E+22	1,819897E+22	1,475788E+22	1,254928E+22	1,254931E+22	1,475805E+22	1,819938E+22
-2082	2,159168E+22	2,402579E+22	2,520887E+22	2,520846E+22	2,402497E+22	2,159084E+22	1,819871E+22	1,475775E+22	1,254932E+22	1,254939E+22	1,475783E+22	1,819858E+22
-2081	2,159050E+22	2,402467E+22	2,520848E+22	2,520892E+22	2,402568E+22	2,159135E+22	1,819909E+22	1,475806E+22	1,254950E+22	1,254938E+22	1,475777E+22	1,819881E+22
-2080	2,159142E+22	2,402589E+22	2,520911E+22	2,520905E+22	2,402563E+22	2,159116E+22	1,819874E+22	1,475769E+22	1,254933E+22	1,254961E+22	1,475840E+22	1,819947E+22
-2079	2,159141E+22	2,402530E+22	2,520830E+22	2,520818E+22	2,402510E+22	2,159116E+22	1,819899E+22	1,475784E+22	1,254917E+22	1,254905E+22	1,475750E+22	1,819845E+22
-2078	2,159050E+22	2,402482E+22	2,520871E+22	2,520904E+22	2,402577E+22	2,159155E+22	1,819930E+22	1,475807E+22	1,254923E+22	1,254900E+22	1,475752E+22	1,819892E+22
-2077	2,159175E+22	2,402607E+22	2,520924E+22	2,520906E+22	2,402542E+22	2,159095E+22	1,819858E+22	1,475741E+22	1,254885E+22	1,254899E+22	1,475770E+22	1,819872E+22
-2076	2,159092E+22	2,402516E+22	2,520840E+22	2,520847E+22	2,402537E+22	2,159123E+22	1,819887E+22	1,475747E+22	1,254859E+22	1,254846E+22	1,475707E+22	1,819812E+22
-2075	2,159049E+22	2,402534E+22	2,520925E+22	2,520931E+22	2,402584E+22	2,159136E+22	1,819879E+22	1,475735E+22	1,254853E+22	1,254855E+22	1,475750E+22	1,819917E+22
-2074	2,159174E+22	2,402584E+22	2,520907E+22	2,520894E+22	2,402548E+22	2,159104E+22	1,819833E+22	1,475679E+22	1,254804E+22	1,254823E+22	1,475717E+22	1,819851E+22
-2073	2,159084E+22	2,402490E+22	2,520839E+22	2,520893E+22	2,402590E+22	2,159150E+22	1,819876E+22	1,475702E+22	1,254792E+22	1,254777E+22	1,475663E+22	1,819833E+22
-2072	2,159150E+22	2,402631E+22	2,520948E+22	2,520922E+22	2,402578E+22	2,159125E+22	1,819846E+22	1,475679E+22	1,254789E+22	1,254801E+22	1,475721E+22	1,819905E+22
-2071	2,159174E+22	2,402611E+22	2,520923E+22	2,520871E+22	2,402516E+22	2,159091E+22	1,819845E+22	1,475690E+22	1,254791E+22	1,254780E+22	1,475656E+22	1,819796E+22
-2070	2,159044E+22	2,402498E+22	2,520908E+22	2,520948E+22	2,402599E+22	2,159143E+22	1,819885E+22	1,475733E+22	1,254833E+22	1,254814E+22	1,475684E+22	1,819837E+22
-2069	2,159143E+22	2,402614E+22	2,520958E+22	2,520956E+22	2,402588E+22	2,159109E+22	1,819831E+22	1,475691E+22	1,254832E+22	1,254861E+22	1,475760E+22	1,819884E+22
-2068	2,159105E+22	2,402521E+22	2,520838E+22	2,520846E+22	2,402546E+22	2,159132E+22	1,819882E+22	1,475731E+22	1,254849E+22	1,254850E+22	1,475722E+22	1,819829E+22
-2067	2,159043E+22	2,402489E+22	2,520867E+22	2,520887E+22	2,402565E+22	2,159148E+22	1,819917E+22	1,475790E+22	1,254913E+22	1,254905E+22	1,475777E+22	1,819928E+22
-2066	2,159186E+22	2,402587E+22	2,520885E+22	2,520854E+22	2,402508E+22	2,159090E+22	1,819868E+22	1,475768E+22	1,254926E+22	1,254940E+22	1,475799E+22	1,819887E+22
-2065	2,159085E+22	2,402478E+22	2,520802E+22	2,520825E+22	2,402516E+22	2,159115E+22	1,819916E+22	1,475824E+22	1,254967E+22	1,254948E+22	1,475771E+22	1,819850E+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	2,159091E+22	2,402556E+22	2,520896E+22	2,520877E+22	2,402526E+22	2,159098E+22	1,819894E+22	1,475823E+22	1,254998E+22	1,255011E+22	1,475866E+22	1,819959E+22
-2063	2,159153E+22	2,402552E+22	2,520867E+22	2,520833E+22	2,402481E+22	2,159070E+22	1,819880E+22	1,475816E+22	1,254995E+22	1,255004E+22	1,475833E+22	1,819879E+22
-2062	2,159032E+22	2,402418E+22	2,520795E+22	2,520860E+22	2,402556E+22	2,159146E+22	1,819944E+22	1,475859E+22	1,255013E+22	1,255000E+22	1,475823E+22	1,819898E+22
-2061	2,159128E+22	2,402561E+22	2,520881E+22	2,520876E+22	2,402540E+22	2,159113E+22	1,819897E+22	1,475816E+22	1,254990E+22	1,255010E+22	1,475869E+22	1,819954E+22
-2060	2,159135E+22	2,402519E+22	2,520809E+22	2,520787E+22	2,402484E+22	2,159110E+22	1,819920E+22	1,475827E+22	1,254974E+22	1,254962E+22	1,475786E+22	1,819845E+22
-2059	2,159030E+22	2,402455E+22	2,520831E+22	2,520858E+22	2,402528E+22	2,159126E+22	1,819940E+22	1,475856E+22	1,254996E+22	1,254972E+22	1,475801E+22	1,819902E+22
-2058	2,159152E+22	2,402578E+22	2,520891E+22	2,520876E+22	2,402521E+22	2,159081E+22	1,819859E+22	1,475775E+22	1,254945E+22	1,254965E+22	1,475823E+22	1,819894E+22
-2057	2,159070E+22	2,402471E+22	2,520801E+22	2,520830E+22	2,402532E+22	2,159122E+22	1,819896E+22	1,475779E+22	1,254912E+22	1,254902E+22	1,475749E+22	1,819843E+22
-2056	2,159068E+22	2,402520E+22	2,520878E+22	2,520880E+22	2,402545E+22	2,159118E+22	1,819883E+22	1,475760E+22	1,254895E+22	1,254903E+22	1,475792E+22	1,819946E+22
-2055	2,159190E+22	2,402590E+22	2,520892E+22	2,520860E+22	2,402503E+22	2,159075E+22	1,819844E+22	1,475723E+22	1,254857E+22	1,254863E+22	1,475736E+22	1,819852E+22
-2054	2,159077E+22	2,402482E+22	2,520824E+22	2,520870E+22	2,402563E+22	2,159140E+22	1,819900E+22	1,475758E+22	1,254862E+22	1,254837E+22	1,475693E+22	1,819822E+22
-2053	2,159115E+22	2,402612E+22	2,520953E+22	2,520927E+22	2,402561E+22	2,159104E+22	1,819852E+22	1,475723E+22	1,254856E+22	1,254866E+22	1,475757E+22	1,819899E+22
-2052	2,159138E+22	2,402574E+22	2,520901E+22	2,520873E+22	2,402523E+22	2,159095E+22	1,819858E+22	1,475726E+22	1,254854E+22	1,254856E+22	1,475716E+22	1,819810E+22
-2051	2,159012E+22	2,402441E+22	2,520840E+22	2,520899E+22	2,402573E+22	2,159142E+22	1,819910E+22	1,475786E+22	1,254909E+22	1,254896E+22	1,475751E+22	1,819870E+22
-2050	2,159130E+22	2,402570E+22	2,520894E+22	2,520899E+22	2,402560E+22	2,159112E+22	1,819861E+22	1,475747E+22	1,254905E+22	1,254932E+22	1,475816E+22	1,819916E+22
-2049	2,159103E+22	2,402487E+22	2,520786E+22	2,520800E+22	2,402515E+22	2,159125E+22	1,819910E+22	1,475796E+22	1,254932E+22	1,254923E+22	1,475764E+22	1,819849E+22
-2048	2,159059E+22	2,402490E+22	2,520831E+22	2,520824E+22	2,402499E+22	2,159109E+22	1,819923E+22	1,475842E+22	1,254995E+22	1,254987E+22	1,475832E+22	1,819943E+22
-2047	2,159178E+22	2,402585E+22	2,520884E+22	2,520835E+22	2,402459E+22	2,159042E+22	1,819867E+22	1,475822E+22	1,255009E+22	1,255021E+22	1,475851E+22	1,819897E+22
-2046	2,159059E+22	2,402439E+22	2,520771E+22	2,520813E+22	2,402508E+22	2,159106E+22	1,819926E+22	1,475872E+22	1,255045E+22	1,255032E+22	1,475835E+22	1,819870E+22
-2045	2,159062E+22	2,402513E+22	2,520870E+22	2,520866E+22	2,402521E+22	2,159097E+22	1,819905E+22	1,475857E+22	1,255054E+22	1,255072E+22	1,475915E+22	1,819986E+22
-2044	2,159150E+22	2,402523E+22	2,520829E+22	2,520809E+22	2,402476E+22	2,159082E+22	1,819907E+22	1,475853E+22	1,255043E+22	1,255058E+22	1,475875E+22	1,819896E+22
-2043	2,159029E+22	2,402392E+22	2,520737E+22	2,520795E+22	2,402509E+22	2,159137E+22	1,819976E+22	1,475919E+22	1,255083E+22	1,255059E+22	1,475857E+22	1,819904E+22
-2042	2,159114E+22	2,402548E+22	2,520854E+22	2,520834E+22	2,402505E+22	2,159103E+22	1,819919E+22	1,475871E+22	1,255062E+22	1,255070E+22	1,475899E+22	1,819951E+22
-2041	2,159106E+22	2,402488E+22	2,520790E+22	2,520777E+22	2,402468E+22	2,159095E+22	1,819932E+22	1,475876E+22	1,255047E+22	1,255030E+22	1,475823E+22	1,819852E+22
-2040	2,159019E+22	2,402428E+22	2,520792E+22	2,520820E+22	2,402497E+22	2,159102E+22	1,819934E+22	1,475882E+22	1,255052E+22	1,255040E+22	1,475859E+22	1,819931E+22
-2039	2,159146E+22	2,402560E+22	2,520870E+22	2,520853E+22	2,402493E+22	2,159058E+22	1,819862E+22	1,475807E+22	1,254994E+22	1,255015E+22	1,475865E+22	1,819923E+22
-2038	2,159071E+22	2,402442E+22	2,520757E+22	2,520798E+22	2,402514E+22	2,159119E+22	1,819914E+22	1,475818E+22	1,254963E+22	1,254950E+22	1,475783E+22	1,819859E+22
-2037	2,159063E+22	2,402512E+22	2,520867E+22	2,520859E+22	2,402522E+22	2,159106E+22	1,819893E+22	1,475795E+22	1,254942E+22	1,254942E+22	1,475811E+22	1,819949E+22
-2036	2,159187E+22	2,402593E+22	2,520893E+22	2,520851E+22	2,402486E+22	2,159065E+22	1,819857E+22	1,475758E+22	1,254911E+22	1,254919E+22	1,475767E+22	1,819843E+22
-2035	2,159044E+22	2,402450E+22	2,520791E+22	2,520839E+22	2,402530E+22	2,159119E+22	1,819914E+22	1,475811E+22	1,254940E+22	1,254916E+22	1,475744E+22	1,819827E+22
-2034	2,159072E+22	2,402561E+22	2,520909E+22	2,520904E+22	2,402560E+22	2,159108E+22	1,819865E+22	1,475768E+22	1,254930E+22	1,254943E+22	1,475814E+22	1,819919E+22
-2033	2,159109E+22	2,402514E+22	2,520841E+22	2,520839E+22	2,402517E+22	2,159104E+22	1,819882E+22	1,475777E+22	1,254928E+22	1,254929E+22	1,475769E+22	1,819846E+22
-2032	2,159026E+22	2,402412E+22	2,520768E+22	2,520820E+22	2,402518E+22	2,159121E+22	1,819924E+22	1,475832E+22	1,254977E+22	1,254967E+22	1,475809E+22	1,819909E+22
-2031	2,159146E+22	2,402568E+22	2,520864E+22	2,520843E+22	2,402494E+22	2,159070E+22	1,819874E+22	1,475807E+22	1,254981E+22	1,254997E+22	1,475855E+22	1,819932E+22
-2030	2,159099E+22	2,402475E+22	2,520765E+22	2,520767E+22	2,402472E+22	2,159098E+22	1,819924E+22	1,475855E+22	1,255018E+22	1,255004E+22	1,475812E+22	1,819854E+22
-2029	2,159033E+22	2,402476E+22	2,520839E+22	2,520824E+22	2,402478E+22	2,159080E+22	1,819919E+22	1,475881E+22	1,255066E+22	1,255062E+22	1,475881E+22	1,819954E+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	2,159157E+22	2,402560E+22	2,520871E+22	2,520838E+22	2,402468E+22	2,159046E+22	1,819878E+22	1,475853E+22	1,255071E+22	1,255098E+22	1,475910E+22	1,819913E+22
-2027	2,159035E+22	2,402394E+22	2,520718E+22	2,520773E+22	2,402491E+22	2,159114E+22	1,819959E+22	1,475927E+22	1,255118E+22	1,255107E+22	1,475891E+22	1,819896E+22
-2026	2,159048E+22	2,402472E+22	2,520814E+22	2,520825E+22	2,402512E+22	2,159113E+22	1,819941E+22	1,475916E+22	1,255125E+22	1,255133E+22	1,475950E+22	1,819999E+22
-2025	2,159140E+22	2,402492E+22	2,520784E+22	2,520769E+22	2,402457E+22	2,159088E+22	1,819944E+22	1,475920E+22	1,255124E+22	1,255122E+22	1,475903E+22	1,819904E+22
-2024	2,159031E+22	2,402383E+22	2,520701E+22	2,520733E+22	2,402448E+22	2,159103E+22	1,819985E+22	1,475972E+22	1,255160E+22	1,255135E+22	1,475906E+22	1,819915E+22
-2023	2,159094E+22	2,402526E+22	2,520840E+22	2,520808E+22	2,402455E+22	2,159055E+22	1,819916E+22	1,475918E+22	1,255133E+22	1,255142E+22	1,475948E+22	1,819965E+22
-2022	2,159080E+22	2,402443E+22	2,520753E+22	2,520757E+22	2,402454E+22	2,159081E+22	1,819931E+22	1,475908E+22	1,255109E+22	1,255103E+22	1,475882E+22	1,819879E+22
-2021	2,159004E+22	2,402401E+22	2,520772E+22	2,520797E+22	2,402477E+22	2,159086E+22	1,819927E+22	1,475895E+22	1,255087E+22	1,255085E+22	1,475898E+22	1,819961E+22
-2020	2,159158E+22	2,402549E+22	2,520844E+22	2,520828E+22	2,402480E+22	2,159058E+22	1,819872E+22	1,475825E+22	1,255026E+22	1,255054E+22	1,475893E+22	1,819933E+22
-2019	2,159074E+22	2,402435E+22	2,520727E+22	2,520752E+22	2,402478E+22	2,159108E+22	1,819935E+22	1,475864E+22	1,255019E+22	1,254998E+22	1,475807E+22	1,819859E+22
-2018	2,159046E+22	2,402499E+22	2,520852E+22	2,520842E+22	2,402510E+22	2,159101E+22	1,819909E+22	1,475841E+22	1,255006E+22	1,254996E+22	1,475831E+22	1,819936E+22
-2017	2,159150E+22	2,402555E+22	2,520875E+22	2,520852E+22	2,402493E+22	2,159070E+22	1,819876E+22	1,475808E+22	1,254983E+22	1,254986E+22	1,475804E+22	1,819850E+22
-2016	2,159025E+22	2,402411E+22	2,520742E+22	2,520793E+22	2,402502E+22	2,159108E+22	1,819923E+22	1,475850E+22	1,255008E+22	1,254994E+22	1,475809E+22	1,819858E+22
-2015	2,159056E+22	2,402520E+22	2,520866E+22	2,520860E+22	2,402521E+22	2,159091E+22	1,819887E+22	1,475821E+22	1,254997E+22	1,255011E+22	1,475866E+22	1,819951E+22
-2014	2,159106E+22	2,402475E+22	2,520782E+22	2,520787E+22	2,402486E+22	2,159098E+22	1,819909E+22	1,475834E+22	1,255004E+22	1,255004E+22	1,475821E+22	1,819870E+22
-2013	2,159026E+22	2,402407E+22	2,520750E+22	2,520774E+22	2,402470E+22	2,159092E+22	1,819931E+22	1,475878E+22	1,255046E+22	1,255032E+22	1,475848E+22	1,819924E+22
-2012	2,159150E+22	2,402571E+22	2,520863E+22	2,520823E+22	2,402461E+22	2,159046E+22	1,819880E+22	1,475848E+22	1,255054E+22	1,255077E+22	1,475903E+22	1,819936E+22
-2011	2,159076E+22	2,402449E+22	2,520742E+22	2,520741E+22	2,402440E+22	2,159071E+22	1,819932E+22	1,475909E+22	1,255104E+22	1,255094E+22	1,475874E+22	1,819870E+22
-2010	2,159003E+22	2,402430E+22	2,520800E+22	2,520811E+22	2,402486E+22	2,159088E+22	1,819933E+22	1,475925E+22	1,255140E+22	1,255140E+22	1,475936E+22	1,819975E+22
-2009	2,159136E+22	2,402510E+22	2,520822E+22	2,520813E+22	2,402471E+22	2,159067E+22	1,819913E+22	1,475909E+22	1,255143E+22	1,255166E+22	1,475955E+22	1,819941E+22
-2008	2,159041E+22	2,402366E+22	2,520656E+22	2,520700E+22	2,402443E+22	2,159104E+22	1,819985E+22	1,475983E+22	1,255190E+22	1,255176E+22	1,475940E+22	1,819919E+22
-2007	2,159046E+22	2,402458E+22	2,520788E+22	2,520776E+22	2,402454E+22	2,159084E+22	1,819966E+22	1,475983E+22	1,255203E+22	1,255198E+22	1,475983E+22	1,820000E+22
-2006	2,159121E+22	2,402465E+22	2,520756E+22	2,520736E+22	2,402419E+22	2,159065E+22	1,819957E+22	1,475976E+22	1,255207E+22	1,255202E+22	1,475950E+22	1,819903E+22
-2005	2,158998E+22	2,402357E+22	2,520693E+22	2,520718E+22	2,402421E+22	2,159071E+22	1,819973E+22	1,475998E+22	1,255219E+22	1,255202E+22	1,475956E+22	1,819934E+22
-2004	2,159082E+22	2,402499E+22	2,520821E+22	2,520797E+22	2,402450E+22	2,159049E+22	1,819913E+22	1,475931E+22	1,255176E+22	1,255203E+22	1,476001E+22	1,819988E+22
-2003	2,159071E+22	2,402406E+22	2,520707E+22	2,520714E+22	2,402427E+22	2,159075E+22	1,819947E+22	1,475942E+22	1,255157E+22	1,255156E+22	1,475928E+22	1,819908E+22
-2002	2,159008E+22	2,402378E+22	2,520732E+22	2,520768E+22	2,402473E+22	2,159094E+22	1,819946E+22	1,475930E+22	1,255132E+22	1,255123E+22	1,475918E+22	1,819968E+22
-2001	2,159158E+22	2,402539E+22	2,520823E+22	2,520801E+22	2,402468E+22	2,159066E+22	1,819900E+22	1,475875E+22	1,255085E+22	1,255098E+22	1,475906E+22	1,819930E+22
-2000	2,159070E+22	2,402429E+22	2,520708E+22	2,520708E+22	2,402431E+22	2,159082E+22	1,819944E+22	1,475909E+22	1,255086E+22	1,255064E+22	1,475847E+22	1,819861E+22
-1999	2,159017E+22	2,402466E+22	2,520838E+22	2,520827E+22	2,402478E+22	2,159072E+22	1,819918E+22	1,475892E+22	1,255076E+22	1,255065E+22	1,475875E+22	1,819941E+22
-1998	2,159115E+22	2,402496E+22	2,520826E+22	2,520824E+22	2,402484E+22	2,159070E+22	1,819891E+22	1,475851E+22	1,255054E+22	1,255065E+22	1,475865E+22	1,819875E+22
-1997	2,159008E+22	2,402376E+22	2,520706E+22	2,520748E+22	2,402469E+22	2,159095E+22	1,819930E+22	1,475882E+22	1,255061E+22	1,255054E+22	1,475860E+22	1,819894E+22
-1996	2,159072E+22	2,402504E+22	2,520830E+22	2,520813E+22	2,402485E+22	2,159080E+22	1,819901E+22	1,475857E+22	1,255055E+22	1,255074E+22	1,475908E+22	1,819967E+22
-1995	2,159110E+22	2,402465E+22	2,520751E+22	2,520730E+22	2,402430E+22	2,159071E+22	1,819926E+22	1,475892E+22	1,255084E+22	1,255079E+22	1,475867E+22	1,819881E+22
-1994	2,159015E+22	2,402392E+22	2,520738E+22	2,520761E+22	2,402454E+22	2,159074E+22	1,819937E+22	1,475927E+22	1,255125E+22	1,255108E+22	1,475888E+22	1,819923E+22
-1993	2,159122E+22	2,402537E+22	2,520847E+22	2,520824E+22	2,402468E+22	2,159050E+22	1,819898E+22	1,475901E+22	1,255136E+22	1,255157E+22	1,475955E+22	1,819953E+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°
-1992	2,159062E+22	2,402413E+22	2,520702E+22	2,520703E+22	2,402419E+22	2,159067E+22	1,819948E+22	1,475956E+22	1,255180E+22	1,255179E+22	1,475944E+22	1,819904E+22
-1991	2,158989E+22	2,402385E+22	2,520757E+22	2,520773E+22	2,402454E+22	2,159082E+22	1,819967E+22	1,475988E+22	1,255214E+22	1,255209E+22	1,475983E+22	1,819994E+22
-1990	2,159126E+22	2,402466E+22	2,520765E+22	2,520766E+22	2,402448E+22	2,159073E+22	1,819950E+22	1,475976E+22	1,255227E+22	1,255243E+22	1,476004E+22	1,819953E+22
-1989	2,159031E+22	2,402356E+22	2,520637E+22	2,520647E+22	2,402390E+22	2,159078E+22	1,819998E+22	1,476032E+22	1,255263E+22	1,255245E+22	1,475982E+22	1,819928E+22
-1988	2,159036E+22	2,402439E+22	2,520772E+22	2,520746E+22	2,402415E+22	2,159056E+22	1,819969E+22	1,476021E+22	1,255275E+22	1,255278E+22	1,476032E+22	1,820002E+22
-1987	2,159093E+22	2,402424E+22	2,520719E+22	2,520703E+22	2,402386E+22	2,159037E+22	1,819957E+22	1,476018E+22	1,255280E+22	1,255284E+22	1,476015E+22	1,819930E+22
-1986	2,158982E+22	2,402312E+22	2,520647E+22	2,520698E+22	2,402421E+22	2,159068E+22	1,819972E+22	1,476021E+22	1,255268E+22	1,255259E+22	1,476002E+22	1,819961E+22
-1985	2,159082E+22	2,402468E+22	2,520780E+22	2,520769E+22	2,402444E+22	2,159060E+22	1,819935E+22	1,475965E+22	1,255221E+22	1,255244E+22	1,476031E+22	1,820016E+22
-1984	2,159093E+22	2,402402E+22	2,520672E+22	2,520657E+22	2,402380E+22	2,159057E+22	1,819960E+22	1,475978E+22	1,255204E+22	1,255199E+22	1,475956E+22	1,819919E+22
-1983	2,159010E+22	2,402378E+22	2,520729E+22	2,520740E+22	2,402425E+22	2,159070E+22	1,819967E+22	1,475982E+22	1,255189E+22	1,255166E+22	1,475930E+22	1,819950E+22
-1982	2,159132E+22	2,402515E+22	2,520812E+22	2,520793E+22	2,402455E+22	2,159059E+22	1,819917E+22	1,475923E+22	1,255155E+22	1,255165E+22	1,475940E+22	1,819915E+22
-1981	2,159031E+22	2,402403E+22	2,520702E+22	2,520697E+22	2,402416E+22	2,159069E+22	1,819944E+22	1,475938E+22	1,255142E+22	1,255128E+22	1,475894E+22	1,819875E+22
-1980	2,158998E+22	2,402422E+22	2,520804E+22	2,520807E+22	2,402472E+22	2,159077E+22	1,819928E+22	1,475918E+22	1,255131E+22	1,255135E+22	1,475929E+22	1,819960E+22
-1979	2,159100E+22	2,402447E+22	2,520767E+22	2,520772E+22	2,402450E+22	2,159064E+22	1,819916E+22	1,475902E+22	1,255121E+22	1,255135E+22	1,475923E+22	1,819908E+22
-1978	2,159013E+22	2,402345E+22	2,520655E+22	2,520707E+22	2,402449E+22	2,159088E+22	1,819948E+22	1,475930E+22	1,255127E+22	1,255115E+22	1,475897E+22	1,819910E+22
-1977	2,159078E+22	2,402497E+22	2,520808E+22	2,520777E+22	2,402452E+22	2,159071E+22	1,819925E+22	1,475915E+22	1,255132E+22	1,255141E+22	1,475946E+22	1,819978E+22
-1976	2,159109E+22	2,402455E+22	2,520733E+22	2,520689E+22	2,402374E+22	2,159032E+22	1,819928E+22	1,475941E+22	1,255166E+22	1,255166E+22	1,475929E+22	1,819897E+22
-1975	2,158993E+22	2,402361E+22	2,520724E+22	2,520748E+22	2,402425E+22	2,159051E+22	1,819948E+22	1,475978E+22	1,255203E+22	1,255190E+22	1,475945E+22	1,819937E+22
-1974	2,159096E+22	2,402483E+22	2,520797E+22	2,520797E+22	2,402463E+22	2,159059E+22	1,819920E+22	1,475950E+22	1,255213E+22	1,255241E+22	1,476018E+22	1,819974E+22
-1973	2,159047E+22	2,402380E+22	2,520664E+22	2,520657E+22	2,402387E+22	2,159062E+22	1,819967E+22	1,475999E+22	1,255242E+22	1,255244E+22	1,475993E+22	1,819933E+22
-1972	2,158998E+22	2,402362E+22	2,520717E+22	2,520728E+22	2,402421E+22	2,159076E+22	1,819989E+22	1,476037E+22	1,255285E+22	1,255279E+22	1,476023E+22	1,819997E+22
-1971	2,159111E+22	2,402440E+22	2,520727E+22	2,520709E+22	2,402392E+22	2,159048E+22	1,819974E+22	1,476041E+22	1,255313E+22	1,255322E+22	1,476053E+22	1,819961E+22
-1970	2,159010E+22	2,402323E+22	2,520610E+22	2,520631E+22	2,402371E+22	2,159058E+22	1,820003E+22	1,476079E+22	1,255338E+22	1,255320E+22	1,476027E+22	1,819933E+22
-1969	2,159014E+22	2,402404E+22	2,520743E+22	2,520730E+22	2,402407E+22	2,159054E+22	1,819982E+22	1,476064E+22	1,255342E+22	1,255346E+22	1,476084E+22	1,820027E+22
-1968	2,159088E+22	2,402394E+22	2,520677E+22	2,520657E+22	2,402350E+22	2,159022E+22	1,819963E+22	1,476049E+22	1,255335E+22	1,255349E+22	1,476074E+22	1,819966E+22
-1967	2,158987E+22	2,402288E+22	2,520618E+22	2,520667E+22	2,402387E+22	2,159057E+22	1,819995E+22	1,476064E+22	1,255317E+22	1,255304E+22	1,476032E+22	1,819975E+22
-1966	2,159085E+22	2,402449E+22	2,520744E+22	2,520736E+22	2,402427E+22	2,159064E+22	1,819962E+22	1,476014E+22	1,255280E+22	1,255295E+22	1,476057E+22	1,820012E+22
-1965	2,159083E+22	2,402409E+22	2,520677E+22	2,520632E+22	2,402341E+22	2,159036E+22	1,819969E+22	1,476015E+22	1,255258E+22	1,255248E+22	1,475981E+22	1,819916E+22
-1964	2,158994E+22	2,402360E+22	2,520726E+22	2,520736E+22	2,402406E+22	2,159052E+22	1,819970E+22	1,476015E+22	1,255252E+22	1,255235E+22	1,475968E+22	1,819937E+22
-1963	2,159087E+22	2,402463E+22	2,520774E+22	2,520772E+22	2,402438E+22	2,159048E+22	1,819928E+22	1,475967E+22	1,255224E+22	1,255242E+22	1,476002E+22	1,819938E+22
-1962	2,159007E+22	2,402345E+22	2,520646E+22	2,520675E+22	2,402417E+22	2,159072E+22	1,819955E+22	1,475969E+22	1,255197E+22	1,255190E+22	1,475945E+22	1,819903E+22
-1961	2,158997E+22	2,402384E+22	2,520746E+22	2,520761E+22	2,402452E+22	2,159086E+22	1,819958E+22	1,475965E+22	1,255188E+22	1,255187E+22	1,475972E+22	1,819993E+22
-1960	2,159120E+22	2,402439E+22	2,520722E+22	2,520702E+22	2,402386E+22	2,159035E+22	1,819929E+22	1,475950E+22	1,255187E+22	1,255199E+22	1,475971E+22	1,819934E+22
-1959	2,159022E+22	2,402344E+22	2,520645E+22	2,520671E+22	2,402388E+22	2,159052E+22	1,819961E+22	1,475982E+22	1,255196E+22	1,255177E+22	1,475929E+22	1,819907E+22
-1958	2,159059E+22	2,402474E+22	2,520793E+22	2,520768E+22	2,402435E+22	2,159055E+22	1,819935E+22	1,475965E+22	1,255211E+22	1,255222E+22	1,475998E+22	1,819978E+22
-1957	2,159081E+22	2,402438E+22	2,520729E+22	2,520680E+22	2,402357E+22	2,159016E+22	1,819928E+22	1,475973E+22	1,255228E+22	1,255238E+22	1,475986E+22	1,819919E+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												
-1956	2,158978E+22	2,402322E+22	2,520691E+22	2,520729E+22	2,402417E+22	2,159058E+22	1,819966E+22	1,476016E+22	1,255270E+22	1,255266E+22	1,475999E+22	1,819950E+22
-1955	2,159073E+22	2,402433E+22	2,520738E+22	2,520749E+22	2,402437E+22	2,159064E+22	1,819959E+22	1,476016E+22	1,255293E+22	1,255317E+22	1,476073E+22	1,819999E+22
-1954	2,159043E+22	2,402343E+22	2,520608E+22	2,520616E+22	2,402366E+22	2,159061E+22	1,819997E+22	1,476062E+22	1,255323E+22	1,255314E+22	1,476031E+22	1,819940E+22
-1953	2,158992E+22	2,402341E+22	2,520680E+22	2,520685E+22	2,402384E+22	2,159068E+22	1,820022E+22	1,476106E+22	1,255372E+22	1,255355E+22	1,476069E+22	1,820007E+22
-1952	2,159095E+22	2,402414E+22	2,520695E+22	2,520663E+22	2,402332E+22	2,159004E+22	1,819975E+22	1,476094E+22	1,255398E+22	1,255413E+22	1,476122E+22	1,819986E+22
-1951	2,158991E+22	2,402286E+22	2,520582E+22	2,520606E+22	2,402332E+22	2,159029E+22	1,820007E+22	1,476120E+22	1,255406E+22	1,255395E+22	1,476085E+22	1,819957E+22
-1950	2,159001E+22	2,402363E+22	2,520697E+22	2,520701E+22	2,402393E+22	2,159053E+22	1,819995E+22	1,476099E+22	1,255402E+22	1,255415E+22	1,476139E+22	1,820051E+22
-1949	2,159090E+22	2,402388E+22	2,520655E+22	2,520620E+22	2,402316E+22	2,159007E+22	1,819971E+22	1,476076E+22	1,255376E+22	1,255392E+22	1,476108E+22	1,819989E+22
-1948	2,159002E+22	2,402290E+22	2,520604E+22	2,520643E+22	2,402363E+22	2,159047E+22	1,820005E+22	1,476098E+22	1,255369E+22	1,255352E+22	1,476050E+22	1,819962E+22
-1947	2,159063E+22	2,402433E+22	2,520728E+22	2,520712E+22	2,402397E+22	2,159050E+22	1,819982E+22	1,476067E+22	1,255348E+22	1,255354E+22	1,476088E+22	1,820005E+22
-1946	2,159050E+22	2,402370E+22	2,520656E+22	2,520642E+22	2,402349E+22	2,159031E+22	1,819978E+22	1,476054E+22	1,255319E+22	1,255308E+22	1,476016E+22	1,819915E+22
-1945	2,158965E+22	2,402316E+22	2,520686E+22	2,520723E+22	2,402412E+22	2,159066E+22	1,819993E+22	1,476058E+22	1,255310E+22	1,255295E+22	1,476020E+22	1,819962E+22
-1944	2,159068E+22	2,402415E+22	2,520715E+22	2,520718E+22	2,402399E+22	2,159035E+22	1,819943E+22	1,476005E+22	1,255282E+22	1,255307E+22	1,476063E+22	1,819978E+22
-1943	2,159012E+22	2,402315E+22	2,520600E+22	2,520625E+22	2,402369E+22	2,159057E+22	1,819980E+22	1,476017E+22	1,255253E+22	1,255243E+22	1,475984E+22	1,819925E+22
-1942	2,159008E+22	2,402374E+22	2,520704E+22	2,520709E+22	2,402410E+22	2,159070E+22	1,819977E+22	1,476015E+22	1,255257E+22	1,255252E+22	1,476010E+22	1,819996E+22
-1941	2,159117E+22	2,402454E+22	2,520721E+22	2,520665E+22	2,402330E+22	2,158996E+22	1,819927E+22	1,475986E+22	1,255249E+22	1,255261E+22	1,476010E+22	1,819943E+22
-1940	2,159013E+22	2,402335E+22	2,520645E+22	2,520672E+22	2,402369E+22	2,159024E+22	1,819953E+22	1,476016E+22	1,255268E+22	1,255255E+22	1,475976E+22	1,819905E+22
-1939	2,159021E+22	2,402426E+22	2,520756E+22	2,520750E+22	2,402424E+22	2,159048E+22	1,819948E+22	1,476012E+22	1,255286E+22	1,255303E+22	1,476061E+22	1,820004E+22
-1938	2,159059E+22	2,402380E+22	2,520676E+22	2,520666E+22	2,402363E+22	2,159027E+22	1,819951E+22	1,476018E+22	1,255293E+22	1,255305E+22	1,476035E+22	1,819942E+22
-1937	2,158976E+22	2,402288E+22	2,520633E+22	2,520682E+22	2,402397E+22	2,159072E+22	1,820011E+22	1,476083E+22	1,255343E+22	1,255329E+22	1,476044E+22	1,819970E+22
-1936	2,159067E+22	2,402410E+22	2,520689E+22	2,520679E+22	2,402373E+22	2,159038E+22	1,819985E+22	1,476084E+22	1,255381E+22	1,255397E+22	1,476124E+22	1,820015E+22
-1935	2,159033E+22	2,402325E+22	2,520586E+22	2,520575E+22	2,402307E+22	2,159028E+22	1,820019E+22	1,476128E+22	1,255412E+22	1,255396E+22	1,476077E+22	1,819941E+22
-1934	2,158966E+22	2,402307E+22	2,520647E+22	2,520660E+22	2,402359E+22	2,159048E+22	1,820031E+22	1,476160E+22	1,255461E+22	1,255448E+22	1,476133E+22	1,820017E+22
-1933	2,159070E+22	2,402395E+22	2,520673E+22	2,520637E+22	2,402306E+22	2,158982E+22	1,819971E+22	1,476122E+22	1,255459E+22	1,255486E+22	1,476186E+22	1,820025E+22
-1932	2,158992E+22	2,402261E+22	2,520553E+22	2,520587E+22	2,402319E+22	2,159022E+22	1,820011E+22	1,476148E+22	1,255462E+22	1,255458E+22	1,476131E+22	1,819977E+22
-1931	2,158993E+22	2,402332E+22	2,520654E+22	2,520665E+22	2,402371E+22	2,159052E+22	1,820021E+22	1,476149E+22	1,255463E+22	1,255470E+22	1,476179E+22	1,820073E+22
-1930	2,159092E+22	2,402368E+22	2,520626E+22	2,520605E+22	2,402309E+22	2,159007E+22	1,819992E+22	1,476121E+22	1,255434E+22	1,255440E+22	1,476128E+22	1,819984E+22
-1929	2,158990E+22	2,402280E+22	2,520587E+22	2,520622E+22	2,402345E+22	2,159048E+22	1,820035E+22	1,476153E+22	1,255435E+22	1,255407E+22	1,476082E+22	1,819959E+22
-1928	2,159027E+22	2,402399E+22	2,520699E+22	2,520683E+22	2,402363E+22	2,159024E+22	1,819988E+22	1,476112E+22	1,255419E+22	1,255428E+22	1,476142E+22	1,820022E+22
-1927	2,159025E+22	2,402324E+22	2,520613E+22	2,520609E+22	2,402321E+22	2,159018E+22	1,819990E+22	1,476091E+22	1,255377E+22	1,255371E+22	1,476064E+22	1,819936E+22
-1926	2,158950E+22	2,402269E+22	2,520620E+22	2,520674E+22	2,402390E+22	2,159065E+22	1,820011E+22	1,476096E+22	1,255367E+22	1,255356E+22	1,476069E+22	1,819987E+22
-1925	2,159074E+22	2,402412E+22	2,520680E+22	2,520662E+22	2,402347E+22	2,159007E+22	1,819946E+22	1,476034E+22	1,255325E+22	1,255351E+22	1,476100E+22	1,820008E+22
-1924	2,159031E+22	2,402324E+22	2,520587E+22	2,520591E+22	2,402325E+22	2,159024E+22	1,819975E+22	1,476050E+22	1,255311E+22	1,255297E+22	1,476008E+22	1,819920E+22
-1923	2,158990E+22	2,402365E+22	2,520697E+22	2,520689E+22	2,402376E+22	2,159043E+22	1,819984E+22	1,476063E+22	1,255328E+22	1,255319E+22	1,476050E+22	1,820000E+22
-1922	2,159092E+22	2,402422E+22	2,520709E+22	2,520682E+22	2,402339E+22	2,158986E+22	1,819929E+22	1,476023E+22	1,255313E+22	1,255327E+22	1,476050E+22	1,819946E+22
-1921	2,158988E+22	2,402301E+22	2,520613E+22	2,520663E+22	2,402378E+22	2,159043E+22	1,819983E+22	1,476065E+22	1,255334E+22	1,255321E+22	1,476031E+22	1,819928E+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°
-1920	2,158993E+22	2,402376E+22	2,520700E+22	2,520705E+22	2,402395E+22	2,159046E+22	1,819978E+22	1,476070E+22	1,255363E+22	1,255378E+22	1,476120E+22	1,820036E+22
-1919	2,159054E+22	2,402342E+22	2,520621E+22	2,520613E+22	2,402325E+22	2,159025E+22	1,819992E+22	1,476086E+22	1,255374E+22	1,255377E+22	1,476080E+22	1,819958E+22
-1918	2,158970E+22	2,402263E+22	2,520579E+22	2,520623E+22	2,402355E+22	2,159064E+22	1,820045E+22	1,476156E+22	1,255439E+22	1,255417E+22	1,476097E+22	1,819976E+22
-1917	2,159049E+22	2,402404E+22	2,520671E+22	2,520633E+22	2,402310E+22	2,158995E+22	1,819988E+22	1,476136E+22	1,255465E+22	1,255483E+22	1,476185E+22	1,820037E+22
-1916	2,159019E+22	2,402302E+22	2,520568E+22	2,520559E+22	2,402277E+22	2,158991E+22	1,820005E+22	1,476167E+22	1,255496E+22	1,255488E+22	1,476141E+22	1,819958E+22
-1915	2,158938E+22	2,402262E+22	2,520602E+22	2,520629E+22	2,402338E+22	2,159033E+22	1,820035E+22	1,476200E+22	1,255533E+22	1,255530E+22	1,476203E+22	1,820057E+22
-1914	2,159065E+22	2,402350E+22	2,520626E+22	2,520620E+22	2,402305E+22	2,158985E+22	1,819985E+22	1,476156E+22	1,255512E+22	1,255541E+22	1,476227E+22	1,820053E+22
-1913	2,159006E+22	2,402253E+22	2,520518E+22	2,520553E+22	2,402304E+22	2,159033E+22	1,820046E+22	1,476200E+22	1,255516E+22	1,255502E+22	1,476162E+22	1,819993E+22
-1912	2,158988E+22	2,402321E+22	2,520626E+22	2,520616E+22	2,402322E+22	2,159030E+22	1,820041E+22	1,476204E+22	1,255530E+22	1,255526E+22	1,476208E+22	1,820075E+22
-1911	2,159075E+22	2,402351E+22	2,520614E+22	2,520584E+22	2,402276E+22	2,158992E+22	1,820013E+22	1,476172E+22	1,255502E+22	1,255500E+22	1,476155E+22	1,819973E+22
-1910	2,158956E+22	2,402246E+22	2,520554E+22	2,520602E+22	2,402335E+22	2,159043E+22	1,820049E+22	1,476198E+22	1,255505E+22	1,255481E+22	1,476130E+22	1,819959E+22
-1909	2,158992E+22	2,402366E+22	2,520664E+22	2,520646E+22	2,402335E+22	2,159009E+22	1,819988E+22	1,476136E+22	1,255467E+22	1,255486E+22	1,476193E+22	1,820054E+22
-1908	2,159021E+22	2,402294E+22	2,520576E+22	2,520578E+22	2,402298E+22	2,159004E+22	1,819990E+22	1,476120E+22	1,255431E+22	1,255427E+22	1,476103E+22	1,819956E+22
-1907	2,158948E+22	2,402244E+22	2,520573E+22	2,520623E+22	2,402353E+22	2,159050E+22	1,820027E+22	1,476140E+22	1,255426E+22	1,255411E+22	1,476108E+22	1,820011E+22
-1906	2,159080E+22	2,402399E+22	2,520659E+22	2,520642E+22	2,402324E+22	2,158990E+22	1,819955E+22	1,476074E+22	1,255382E+22	1,255401E+22	1,476123E+22	1,820010E+22
-1905	2,159027E+22	2,402326E+22	2,520586E+22	2,520580E+22	2,402304E+22	2,159012E+22	1,819991E+22	1,476097E+22	1,255375E+22	1,255357E+22	1,476049E+22	1,819923E+22
-1904	2,158955E+22	2,402330E+22	2,520675E+22	2,520672E+22	2,402351E+22	2,159018E+22	1,819985E+22	1,476105E+22	1,255401E+22	1,255397E+22	1,476108E+22	1,820021E+22
-1903	2,159067E+22	2,402377E+22	2,520669E+22	2,520657E+22	2,402331E+22	2,158992E+22	1,819951E+22	1,476065E+22	1,255380E+22	1,255399E+22	1,476102E+22	1,819967E+22
-1902	2,158972E+22	2,402255E+22	2,520550E+22	2,520614E+22	2,402363E+22	2,159056E+22	1,820018E+22	1,476123E+22	1,255410E+22	1,255399E+22	1,476084E+22	1,819947E+22
-1901	2,158988E+22	2,402359E+22	2,520655E+22	2,520643E+22	2,402346E+22	2,159028E+22	1,819999E+22	1,476124E+22	1,255435E+22	1,255447E+22	1,476166E+22	1,820061E+22
-1900	2,159058E+22	2,402334E+22	2,520596E+22	2,520570E+22	2,402278E+22	2,158993E+22	1,819998E+22	1,476144E+22	1,255465E+22	1,255459E+22	1,476122E+22	1,819958E+22
-1899	2,158944E+22	2,402235E+22	2,520552E+22	2,520587E+22	2,402314E+22	2,159034E+22	1,820056E+22	1,476217E+22	1,255531E+22	1,255510E+22	1,476160E+22	1,819997E+22
-1898	2,159027E+22	2,402360E+22	2,520643E+22	2,520629E+22	2,402304E+22	2,158980E+22	1,819990E+22	1,476176E+22	1,255538E+22	1,255563E+22	1,476243E+22	1,820061E+22
-1897	2,159009E+22	2,402273E+22	2,520535E+22	2,520536E+22	2,402270E+22	2,158999E+22	1,820028E+22	1,476210E+22	1,255557E+22	1,255557E+22	1,476203E+22	1,819993E+22
-1896	2,158928E+22	2,402225E+22	2,520558E+22	2,520586E+22	2,402306E+22	2,159023E+22	1,820055E+22	1,476248E+22	1,255599E+22	1,255597E+22	1,476254E+22	1,820091E+22
-1895	2,159076E+22	2,402333E+22	2,520586E+22	2,520572E+22	2,402274E+22	2,158986E+22	1,820017E+22	1,476210E+22	1,255577E+22	1,255596E+22	1,476253E+22	1,820053E+22
-1894	2,158999E+22	2,402242E+22	2,520488E+22	2,520510E+22	2,402275E+22	2,159030E+22	1,820077E+22	1,476262E+22	1,255595E+22	1,255571E+22	1,476193E+22	1,819980E+22
-1893	2,158960E+22	2,402310E+22	2,520619E+22	2,520590E+22	2,402279E+22	2,158997E+22	1,820043E+22	1,476246E+22	1,255598E+22	1,255593E+22	1,476249E+22	1,820080E+22
-1892	2,159048E+22	2,402315E+22	2,520593E+22	2,520572E+22	2,402260E+22	2,158965E+22	1,820001E+22	1,476205E+22	1,255570E+22	1,255573E+22	1,476203E+22	1,819981E+22
-1891	2,158922E+22	2,402190E+22	2,520501E+22	2,520562E+22	2,402316E+22	2,159037E+22	1,820057E+22	1,476231E+22	1,255563E+22	1,255548E+22	1,476189E+22	1,819996E+22
-1890	2,158988E+22	2,402318E+22	2,520613E+22	2,520615E+22	2,402319E+22	2,159004E+22	1,819999E+22	1,476163E+22	1,255509E+22	1,255530E+22	1,476226E+22	1,820079E+22
-1889	2,159039E+22	2,402292E+22	2,520547E+22	2,520535E+22	2,402268E+22	2,159000E+22	1,820012E+22	1,476161E+22	1,255477E+22	1,255468E+22	1,476134E+22	1,819971E+22
-1888	2,158945E+22	2,402238E+22	2,520559E+22	2,520584E+22	2,402302E+22	2,159015E+22	1,820029E+22	1,476183E+22	1,255490E+22	1,255469E+22	1,476140E+22	1,820018E+22
-1887	2,159070E+22	2,402386E+22	2,520652E+22	2,520627E+22	2,402302E+22	2,158976E+22	1,819966E+22	1,476114E+22	1,255447E+22	1,255464E+22	1,476155E+22	1,820005E+22
-1886	2,158999E+22	2,402295E+22	2,520563E+22	2,520569E+22	2,402308E+22	2,159018E+22	1,820008E+22	1,476141E+22	1,255445E+22	1,255433E+22	1,476099E+22	1,819930E+22
-1885	2,158928E+22	2,402296E+22	2,520642E+22	2,520641E+22	2,402332E+22	2,159015E+22	1,819999E+22	1,476141E+22	1,255459E+22	1,255462E+22	1,476160E+22	1,820050E+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°
-1884	2,159062E+22	2,402342E+22	2,520628E+22	2,520624E+22	2,402312E+22	2,158988E+22	1,819968E+22	1,476115E+22	1,255453E+22	1,255468E+22	1,476147E+22	1,819984E+22
-1883	2,158963E+22	2,402222E+22	2,520496E+22	2,520552E+22	2,402324E+22	2,159050E+22	1,820051E+22	1,476190E+22	1,255496E+22	1,255478E+22	1,476137E+22	1,819970E+22
-1882	2,158980E+22	2,402325E+22	2,520621E+22	2,520606E+22	2,402309E+22	2,159011E+22	1,820018E+22	1,476184E+22	1,255519E+22	1,255524E+22	1,476209E+22	1,820068E+22
-1881	2,159049E+22	2,402321E+22	2,520581E+22	2,520545E+22	2,402245E+22	2,158973E+22	1,820015E+22	1,476203E+22	1,255548E+22	1,255546E+22	1,476188E+22	1,819979E+22
-1880	2,158916E+22	2,402191E+22	2,520514E+22	2,520550E+22	2,402274E+22	2,158998E+22	1,820051E+22	1,476261E+22	1,255614E+22	1,255601E+22	1,476232E+22	1,820034E+22
-1879	2,159019E+22	2,402317E+22	2,520595E+22	2,520587E+22	2,402282E+22	2,158980E+22	1,820007E+22	1,476217E+22	1,255605E+22	1,255636E+22	1,476297E+22	1,820089E+22
-1878	2,159011E+22	2,402247E+22	2,520491E+22	2,520491E+22	2,402246E+22	2,159002E+22	1,820056E+22	1,476262E+22	1,255626E+22	1,255624E+22	1,476246E+22	1,820007E+22
-1877	2,158931E+22	2,402223E+22	2,520531E+22	2,520535E+22	2,402259E+22	2,159002E+22	1,820070E+22	1,476295E+22	1,255661E+22	1,255653E+22	1,476284E+22	1,820097E+22
-1876	2,159073E+22	2,402330E+22	2,520581E+22	2,520552E+22	2,402244E+22	2,158961E+22	1,820022E+22	1,476261E+22	1,255656E+22	1,255663E+22	1,476280E+22	1,820037E+22
-1875	2,158961E+22	2,402207E+22	2,520467E+22	2,520490E+22	2,402254E+22	2,159016E+22	1,820090E+22	1,476313E+22	1,255672E+22	1,255649E+22	1,476243E+22	1,819987E+22
-1874	2,158922E+22	2,402247E+22	2,520584E+22	2,520588E+22	2,402283E+22	2,158996E+22	1,820051E+22	1,476279E+22	1,255656E+22	1,255657E+22	1,476294E+22	1,820093E+22
-1873	2,159031E+22	2,402276E+22	2,520554E+22	2,520545E+22	2,402251E+22	2,158975E+22	1,820025E+22	1,476241E+22	1,255618E+22	1,255629E+22	1,476259E+22	1,820013E+22
-1872	2,158913E+22	2,402148E+22	2,520448E+22	2,520509E+22	2,402273E+22	2,159019E+22	1,820070E+22	1,476270E+22	1,255617E+22	1,255603E+22	1,476235E+22	1,820032E+22
-1871	2,159008E+22	2,402306E+22	2,520574E+22	2,520558E+22	2,402281E+22	2,159000E+22	1,820021E+22	1,476205E+22	1,255564E+22	1,255579E+22	1,476252E+22	1,820085E+22
-1870	2,159044E+22	2,402294E+22	2,520535E+22	2,520499E+22	2,402233E+22	2,158986E+22	1,820029E+22	1,476208E+22	1,255544E+22	1,255532E+22	1,476166E+22	1,819964E+22
-1869	2,158931E+22	2,402235E+22	2,520560E+22	2,520568E+22	2,402267E+22	2,158982E+22	1,820022E+22	1,476213E+22	1,255548E+22	1,255533E+22	1,476183E+22	1,820027E+22
-1868	2,159053E+22	2,402357E+22	2,520638E+22	2,520624E+22	2,402298E+22	2,158959E+22	1,819957E+22	1,476146E+22	1,255513E+22	1,255532E+22	1,476200E+22	1,820012E+22
-1867	2,158970E+22	2,402244E+22	2,520515E+22	2,520535E+22	2,402299E+22	2,159027E+22	1,820031E+22	1,476184E+22	1,255510E+22	1,255503E+22	1,476157E+22	1,819964E+22
-1866	2,158921E+22	2,402242E+22	2,520592E+22	2,520610E+22	2,402317E+22	2,159021E+22	1,820028E+22	1,476189E+22	1,255519E+22	1,255519E+22	1,476196E+22	1,820065E+22
-1865	2,159067E+22	2,402329E+22	2,520594E+22	2,520574E+22	2,402274E+22	2,158985E+22	1,820003E+22	1,476177E+22	1,255523E+22	1,255533E+22	1,476192E+22	1,819995E+22
-1864	2,158946E+22	2,402198E+22	2,520470E+22	2,520501E+22	2,402262E+22	2,159013E+22	1,820062E+22	1,476251E+22	1,255586E+22	1,255564E+22	1,476190E+22	1,819985E+22
-1863	2,158970E+22	2,402298E+22	2,520592E+22	2,520568E+22	2,402273E+22	2,158992E+22	1,820029E+22	1,476234E+22	1,255603E+22	1,255611E+22	1,476263E+22	1,820074E+22
-1862	2,159026E+22	2,402284E+22	2,520545E+22	2,520516E+22	2,402228E+22	2,158967E+22	1,820028E+22	1,476251E+22	1,255630E+22	1,255636E+22	1,476252E+22	1,819999E+22
-1861	2,158905E+22	2,402162E+22	2,520480E+22	2,520515E+22	2,402243E+22	2,158982E+22	1,820057E+22	1,476297E+22	1,255676E+22	1,255672E+22	1,476290E+22	1,820070E+22
-1860	2,159027E+22	2,402293E+22	2,520562E+22	2,520557E+22	2,402259E+22	2,158965E+22	1,820018E+22	1,476267E+22	1,255678E+22	1,255702E+22	1,476337E+22	1,820100E+22
-1859	2,159003E+22	2,402224E+22	2,520456E+22	2,520446E+22	2,402217E+22	2,159001E+22	1,820087E+22	1,476324E+22	1,255705E+22	1,255696E+22	1,476290E+22	1,820018E+22
-1858	2,158915E+22	2,402190E+22	2,520514E+22	2,520520E+22	2,402233E+22	2,158991E+22	1,820091E+22	1,476348E+22	1,255735E+22	1,255719E+22	1,476316E+22	1,820087E+22
-1857	2,159045E+22	2,402304E+22	2,520567E+22	2,520540E+22	2,402227E+22	2,158953E+22	1,820041E+22	1,476310E+22	1,255725E+22	1,255738E+22	1,476338E+22	1,820047E+22
-1856	2,158921E+22	2,402148E+22	2,520420E+22	2,520454E+22	2,402225E+22	2,158996E+22	1,820092E+22	1,476351E+22	1,255742E+22	1,255727E+22	1,476308E+22	1,820023E+22
-1855	2,158917E+22	2,402196E+22	2,520517E+22	2,520529E+22	2,402258E+22	2,159004E+22	1,820071E+22	1,476313E+22	1,255709E+22	1,255716E+22	1,476340E+22	1,820119E+22
-1854	2,159040E+22	2,402254E+22	2,520504E+22	2,520491E+22	2,402217E+22	2,158971E+22	1,820049E+22	1,476285E+22	1,255673E+22	1,255683E+22	1,476295E+22	1,820032E+22
-1853	2,158931E+22	2,402157E+22	2,520429E+22	2,520460E+22	2,402216E+22	2,158984E+22	1,820070E+22	1,476302E+22	1,255665E+22	1,255647E+22	1,476261E+22	1,820042E+22
-1852	2,159016E+22	2,402314E+22	2,520582E+22	2,520548E+22	2,402246E+22	2,158962E+22	1,820013E+22	1,476242E+22	1,255627E+22	1,255634E+22	1,476276E+22	1,820072E+22
-1851	2,159016E+22	2,402274E+22	2,520531E+22	2,520496E+22	2,402223E+22	2,158976E+22	1,820036E+22	1,476245E+22	1,255606E+22	1,255598E+22	1,476212E+22	1,819972E+22
-1850	2,158899E+22	2,402184E+22	2,520539E+22	2,520574E+22	2,402276E+22	2,158990E+22	1,820036E+22	1,476244E+22	1,255599E+22	1,255588E+22	1,476220E+22	1,820032E+22
-1849	2,159034E+22	2,402324E+22	2,520608E+22	2,520607E+22	2,402298E+22	2,158980E+22	1,819992E+22	1,476191E+22	1,255565E+22	1,255590E+22	1,476251E+22	1,820034E+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	2,158955E+22	2,402196E+22	2,520458E+22	2,520481E+22	2,402257E+22	2,159016E+22	1,820057E+22	1,476242E+22	1,255583E+22	1,255572E+22	1,476205E+22	1,819990E+22
-1847	2,158927E+22	2,402213E+22	2,520533E+22	2,520540E+22	2,402274E+22	2,159020E+22	1,820061E+22	1,476252E+22	1,255600E+22	1,255591E+22	1,476235E+22	1,820066E+22
-1846	2,159055E+22	2,402312E+22	2,520569E+22	2,520531E+22	2,402226E+22	2,158962E+22	1,820025E+22	1,476243E+22	1,255616E+22	1,255624E+22	1,476246E+22	1,820000E+22
-1845	2,158928E+22	2,402175E+22	2,520448E+22	2,520470E+22	2,402210E+22	2,158964E+22	1,820050E+22	1,476291E+22	1,255664E+22	1,255653E+22	1,476258E+22	1,820012E+22
-1844	2,158959E+22	2,402265E+22	2,520562E+22	2,520548E+22	2,402251E+22	2,158962E+22	1,820018E+22	1,476271E+22	1,255681E+22	1,255696E+22	1,476327E+22	1,820099E+22
-1843	2,159012E+22	2,402242E+22	2,520498E+22	2,520477E+22	2,402209E+22	2,158967E+22	1,820047E+22	1,476295E+22	1,255698E+22	1,255712E+22	1,476316E+22	1,820037E+22
-1842	2,158906E+22	2,402127E+22	2,520444E+22	2,520488E+22	2,402224E+22	2,158984E+22	1,820084E+22	1,476345E+22	1,255737E+22	1,255727E+22	1,476323E+22	1,820079E+22
-1841	2,159030E+22	2,402291E+22	2,520546E+22	2,520527E+22	2,402234E+22	2,158967E+22	1,820054E+22	1,476327E+22	1,255747E+22	1,255765E+22	1,476376E+22	1,820100E+22
-1840	2,158975E+22	2,402192E+22	2,520433E+22	2,520417E+22	2,402176E+22	2,158977E+22	1,820105E+22	1,476386E+22	1,255791E+22	1,255776E+22	1,476337E+22	1,820025E+22
-1839	2,158893E+22	2,402145E+22	2,520470E+22	2,520489E+22	2,402220E+22	2,158995E+22	1,820112E+22	1,476399E+22	1,255812E+22	1,255798E+22	1,476367E+22	1,820089E+22
-1838	2,159012E+22	2,402258E+22	2,520522E+22	2,520507E+22	2,402213E+22	2,158958E+22	1,820064E+22	1,476359E+22	1,255796E+22	1,255815E+22	1,476395E+22	1,820071E+22
-1837	2,158914E+22	2,402115E+22	2,520374E+22	2,520406E+22	2,402182E+22	2,158975E+22	1,820098E+22	1,476383E+22	1,255794E+22	1,255786E+22	1,476361E+22	1,820061E+22
-1836	2,158937E+22	2,402185E+22	2,520480E+22	2,520487E+22	2,402218E+22	2,158975E+22	1,820074E+22	1,476354E+22	1,255768E+22	1,255767E+22	1,476371E+22	1,820130E+22
-1835	2,159043E+22	2,402249E+22	2,520479E+22	2,520450E+22	2,402180E+22	2,158957E+22	1,820065E+22	1,476330E+22	1,255734E+22	1,255739E+22	1,476331E+22	1,820042E+22
-1834	2,158924E+22	2,402147E+22	2,520436E+22	2,520462E+22	2,402193E+22	2,158963E+22	1,820075E+22	1,476337E+22	1,255718E+22	1,255697E+22	1,476286E+22	1,820033E+22
-1833	2,158995E+22	2,402301E+22	2,520582E+22	2,520555E+22	2,402242E+22	2,158954E+22	1,820021E+22	1,476275E+22	1,255677E+22	1,255693E+22	1,476324E+22	1,820076E+22
-1832	2,158975E+22	2,402219E+22	2,520492E+22	2,520479E+22	2,402209E+22	2,158969E+22	1,820044E+22	1,476280E+22	1,255665E+22	1,255664E+22	1,476267E+22	1,820001E+22
-1831	2,158892E+22	2,402136E+22	2,520471E+22	2,520522E+22	2,402262E+22	2,159010E+22	1,820067E+22	1,476286E+22	1,255655E+22	1,255645E+22	1,476260E+22	1,820042E+22
-1830	2,159023E+22	2,402293E+22	2,520555E+22	2,520551E+22	2,402263E+22	2,158982E+22	1,820029E+22	1,476251E+22	1,255636E+22	1,255654E+22	1,476288E+22	1,820044E+22
-1829	2,158958E+22	2,402187E+22	2,520425E+22	2,520427E+22	2,402194E+22	2,158978E+22	1,820064E+22	1,476292E+22	1,255657E+22	1,255642E+22	1,476249E+22	1,820004E+22
-1828	2,158925E+22	2,402203E+22	2,520515E+22	2,520512E+22	2,402224E+22	2,158971E+22	1,820056E+22	1,476305E+22	1,255687E+22	1,255672E+22	1,476283E+22	1,820068E+22
-1827	2,159027E+22	2,402278E+22	2,520540E+22	2,520509E+22	2,402204E+22	2,158944E+22	1,820031E+22	1,476289E+22	1,255696E+22	1,255713E+22	1,476318E+22	1,820030E+22
-1826	2,158906E+22	2,402131E+22	2,520423E+22	2,520462E+22	2,402200E+22	2,158959E+22	1,820059E+22	1,476324E+22	1,255724E+22	1,255720E+22	1,476313E+22	1,820037E+22
-1825	2,158955E+22	2,402241E+22	2,520533E+22	2,520528E+22	2,402240E+22	2,158970E+22	1,820047E+22	1,476316E+22	1,255738E+22	1,255761E+22	1,476385E+22	1,820127E+22
-1824	2,159004E+22	2,402208E+22	2,520452E+22	2,520433E+22	2,402175E+22	2,158960E+22	1,820075E+22	1,476356E+22	1,255777E+22	1,255784E+22	1,476364E+22	1,820060E+22
-1823	2,158913E+22	2,402109E+22	2,520395E+22	2,520430E+22	2,402193E+22	2,158994E+22	1,820122E+22	1,476413E+22	1,255822E+22	1,255801E+22	1,476358E+22	1,820067E+22
-1822	2,159001E+22	2,402270E+22	2,520526E+22	2,520498E+22	2,402200E+22	2,158957E+22	1,820086E+22	1,476400E+22	1,255843E+22	1,255852E+22	1,476423E+22	1,820100E+22
-1821	2,158948E+22	2,402154E+22	2,520398E+22	2,520388E+22	2,402136E+22	2,158941E+22	1,820104E+22	1,476432E+22	1,255870E+22	1,255862E+22	1,476403E+22	1,820052E+22
-1820	2,158878E+22	2,402102E+22	2,520420E+22	2,520455E+22	2,402192E+22	2,158968E+22	1,820112E+22	1,476441E+22	1,255883E+22	1,255873E+22	1,476426E+22	1,820116E+22
-1819	2,159001E+22	2,402218E+22	2,520466E+22	2,520457E+22	2,402182E+22	2,158953E+22	1,820083E+22	1,476399E+22	1,255854E+22	1,255879E+22	1,476453E+22	1,820110E+22
-1818	2,158921E+22	2,402097E+22	2,520346E+22	2,520372E+22	2,402145E+22	2,158958E+22	1,820109E+22	1,476417E+22	1,255838E+22	1,255825E+22	1,476384E+22	1,820070E+22
-1817	2,158946E+22	2,402202E+22	2,520484E+22	2,520469E+22	2,402188E+22	2,158958E+22	1,820087E+22	1,476391E+22	1,255817E+22	1,255816E+22	1,476402E+22	1,820128E+22
-1816	2,159020E+22	2,402232E+22	2,520473E+22	2,520440E+22	2,402150E+22	2,158928E+22	1,820064E+22	1,476368E+22	1,255798E+22	1,255800E+22	1,476365E+22	1,820045E+22
-1815	2,158903E+22	2,402113E+22	2,520400E+22	2,520446E+22	2,402199E+22	2,158975E+22	1,820089E+22	1,476371E+22	1,255775E+22	1,255756E+22	1,476321E+22	1,820027E+22
-1814	2,158955E+22	2,402258E+22	2,520549E+22	2,520540E+22	2,402245E+22	2,158971E+22	1,820051E+22	1,476320E+22	1,255737E+22	1,255753E+22	1,476365E+22	1,820093E+22
-1813	2,158962E+22	2,402177E+22	2,520441E+22	2,520437E+22	2,402177E+22	2,158957E+22	1,820060E+22	1,476320E+22	1,255720E+22	1,255721E+22	1,476313E+22	1,820031E+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	2,158901E+22	2,402114E+22	2,520418E+22	2,520470E+22	2,402221E+22	2,158987E+22	1,820084E+22	1,476342E+22	1,255727E+22	1,255707E+22	1,476298E+22	1,820052E+22
-1811	2,159012E+22	2,402275E+22	2,520516E+22	2,520497E+22	2,402215E+22	2,158964E+22	1,820051E+22	1,476309E+22	1,255715E+22	1,255730E+22	1,476340E+22	1,820061E+22
-1810	2,158940E+22	2,402167E+22	2,520417E+22	2,520410E+22	2,402153E+22	2,158943E+22	1,820065E+22	1,476335E+22	1,255728E+22	1,255714E+22	1,476297E+22	1,820013E+22
-1809	2,158909E+22	2,402187E+22	2,520504E+22	2,520505E+22	2,402207E+22	2,158950E+22	1,820055E+22	1,476340E+22	1,255753E+22	1,255753E+22	1,476352E+22	1,820092E+22
-1808	2,159000E+22	2,402229E+22	2,520492E+22	2,520478E+22	2,402181E+22	2,158931E+22	1,820037E+22	1,476329E+22	1,255766E+22	1,255791E+22	1,476383E+22	1,820073E+22
-1807	2,158915E+22	2,402098E+22	2,520360E+22	2,520411E+22	2,402187E+22	2,158977E+22	1,820091E+22	1,476375E+22	1,255790E+22	1,255785E+22	1,476355E+22	1,820051E+22
-1806	2,158951E+22	2,402225E+22	2,520498E+22	2,520485E+22	2,402210E+22	2,158974E+22	1,820090E+22	1,476388E+22	1,255820E+22	1,255828E+22	1,476418E+22	1,820133E+22
-1805	2,159000E+22	2,402197E+22	2,520429E+22	2,520395E+22	2,402125E+22	2,158930E+22	1,820092E+22	1,476418E+22	1,255862E+22	1,255862E+22	1,476408E+22	1,820066E+22
-1804	2,158898E+22	2,402090E+22	2,520372E+22	2,520408E+22	2,402158E+22	2,158959E+22	1,820132E+22	1,476477E+22	1,255916E+22	1,255889E+22	1,476409E+22	1,820064E+22
-1803	2,158954E+22	2,402218E+22	2,520483E+22	2,520471E+22	2,402186E+22	2,158951E+22	1,820103E+22	1,476453E+22	1,255926E+22	1,255943E+22	1,476494E+22	1,820127E+22
-1802	2,158920E+22	2,402106E+22	2,520364E+22	2,520366E+22	2,402118E+22	2,158934E+22	1,820115E+22	1,476469E+22	1,255930E+22	1,255928E+22	1,476457E+22	1,820083E+22
-1801	2,158880E+22	2,402079E+22	2,520382E+22	2,520420E+22	2,402166E+22	2,158960E+22	1,820128E+22	1,476477E+22	1,255935E+22	1,255932E+22	1,476478E+22	1,820144E+22
-1800	2,158998E+22	2,402191E+22	2,520419E+22	2,520407E+22	2,402140E+22	2,158933E+22	1,820096E+22	1,476445E+22	1,255916E+22	1,255936E+22	1,476491E+22	1,820134E+22
-1799	2,158935E+22	2,402097E+22	2,520316E+22	2,520328E+22	2,402117E+22	2,158954E+22	1,820126E+22	1,476460E+22	1,255899E+22	1,255880E+22	1,476408E+22	1,820058E+22
-1798	2,158920E+22	2,402191E+22	2,520482E+22	2,520459E+22	2,402167E+22	2,158944E+22	1,820102E+22	1,476438E+22	1,255884E+22	1,255877E+22	1,476433E+22	1,820128E+22
-1797	2,158995E+22	2,402197E+22	2,520448E+22	2,520430E+22	2,402135E+22	2,158905E+22	1,820056E+22	1,476395E+22	1,255853E+22	1,255863E+22	1,476414E+22	1,820066E+22
-1796	2,158890E+22	2,402077E+22	2,520353E+22	2,520417E+22	2,402183E+22	2,158963E+22	1,820096E+22	1,476408E+22	1,255831E+22	1,255813E+22	1,476364E+22	1,820043E+22
-1795	2,158934E+22	2,402213E+22	2,520489E+22	2,520491E+22	2,402222E+22	2,158977E+22	1,820080E+22	1,476367E+22	1,255795E+22	1,255809E+22	1,476409E+22	1,820118E+22
-1794	2,158958E+22	2,402159E+22	2,520412E+22	2,520396E+22	2,402137E+22	2,158939E+22	1,820077E+22	1,476365E+22	1,255776E+22	1,255768E+22	1,476339E+22	1,820039E+22
-1793	2,158902E+22	2,402119E+22	2,520409E+22	2,520439E+22	2,402179E+22	2,158961E+22	1,820095E+22	1,476386E+22	1,255792E+22	1,255774E+22	1,476342E+22	1,820057E+22
-1792	2,158984E+22	2,402245E+22	2,520492E+22	2,520473E+22	2,402179E+22	2,158932E+22	1,820052E+22	1,476355E+22	1,255793E+22	1,255810E+22	1,476396E+22	1,820083E+22
-1791	2,158929E+22	2,402136E+22	2,520375E+22	2,520381E+22	2,402150E+22	2,158946E+22	1,820074E+22	1,476373E+22	1,255797E+22	1,255790E+22	1,476349E+22	1,820024E+22
-1790	2,158884E+22	2,402156E+22	2,520475E+22	2,520483E+22	2,402198E+22	2,158958E+22	1,820083E+22	1,476392E+22	1,255824E+22	1,255824E+22	1,476402E+22	1,820122E+22
-1789	2,159002E+22	2,402198E+22	2,520447E+22	2,520440E+22	2,402151E+22	2,158916E+22	1,820054E+22	1,476379E+22	1,255838E+22	1,255860E+22	1,476432E+22	1,820102E+22
-1788	2,158926E+22	2,402086E+22	2,520318E+22	2,520365E+22	2,402150E+22	2,158959E+22	1,820119E+22	1,476447E+22	1,255878E+22	1,255859E+22	1,476395E+22	1,820053E+22
-1787	2,158926E+22	2,402200E+22	2,520469E+22	2,520446E+22	2,402175E+22	2,158966E+22	1,820124E+22	1,476461E+22	1,255916E+22	1,255918E+22	1,476472E+22	1,820139E+22
-1786	2,158964E+22	2,402162E+22	2,520415E+22	2,520378E+22	2,402092E+22	2,158903E+22	1,820102E+22	1,476473E+22	1,255947E+22	1,255947E+22	1,476463E+22	1,820075E+22
-1785	2,158869E+22	2,402054E+22	2,520341E+22	2,520387E+22	2,402143E+22	2,158946E+22	1,820137E+22	1,476515E+22	1,255989E+22	1,255979E+22	1,476485E+22	1,820094E+22
-1784	2,158925E+22	2,402156E+22	2,520417E+22	2,520420E+22	2,402154E+22	2,158938E+22	1,820112E+22	1,476493E+22	1,255995E+22	1,256020E+22	1,476559E+22	1,820175E+22
-1783	2,158934E+22	2,402073E+22	2,520292E+22	2,520300E+22	2,402092E+22	2,158937E+22	1,820135E+22	1,476510E+22	1,255988E+22	1,255985E+22	1,476495E+22	1,820100E+22
-1782	2,158884E+22	2,402077E+22	2,520360E+22	2,520379E+22	2,402129E+22	2,158947E+22	1,820151E+22	1,476530E+22	1,256000E+22	1,255984E+22	1,476502E+22	1,820154E+22
-1781	2,159003E+22	2,402188E+22	2,520409E+22	2,520379E+22	2,402095E+22	2,158894E+22	1,820094E+22	1,476484E+22	1,255979E+22	1,255994E+22	1,476522E+22	1,820138E+22
-1780	2,158926E+22	2,402088E+22	2,520310E+22	2,520322E+22	2,402097E+22	2,158926E+22	1,820128E+22	1,476502E+22	1,255962E+22	1,255941E+22	1,476442E+22	1,820051E+22
-1779	2,158879E+22	2,402149E+22	2,520454E+22	2,520448E+22	2,402170E+22	2,158953E+22	1,820119E+22	1,476474E+22	1,255941E+22	1,255940E+22	1,476480E+22	1,820141E+22
-1778	2,158963E+22	2,402155E+22	2,520424E+22	2,520413E+22	2,402128E+22	2,158909E+22	1,820073E+22	1,476426E+22	1,255897E+22	1,255909E+22	1,476449E+22	1,820084E+22
-1777	2,158888E+22	2,402056E+22	2,520317E+22	2,520381E+22	2,402166E+22	2,158965E+22	1,820118E+22	1,476445E+22	1,255882E+22	1,255869E+22	1,476406E+22	1,820060E+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												
-1776	2,158922E+22	2,402177E+22	2,520436E+22	2,520432E+22	2,402180E+22	2,158963E+22	1,820101E+22	1,476420E+22	1,255866E+22	1,255872E+22	1,476447E+22	1,820137E+22
-1775	2,158963E+22	2,402148E+22	2,520374E+22	2,520346E+22	2,402103E+22	2,158928E+22	1,820094E+22	1,476417E+22	1,255851E+22	1,255838E+22	1,476376E+22	1,820037E+22
-1774	2,158877E+22	2,402101E+22	2,520403E+22	2,520424E+22	2,402150E+22	2,158935E+22	1,820103E+22	1,476438E+22	1,255871E+22	1,255850E+22	1,476391E+22	1,820075E+22
-1773	2,158969E+22	2,402206E+22	2,520460E+22	2,520449E+22	2,402152E+22	2,158901E+22	1,820042E+22	1,476387E+22	1,255862E+22	1,255889E+22	1,476461E+22	1,820121E+22
-1772	2,158932E+22	2,402110E+22	2,520334E+22	2,520346E+22	2,402124E+22	2,158931E+22	1,820086E+22	1,476417E+22	1,255862E+22	1,255860E+22	1,476402E+22	1,820048E+22
-1771	2,158874E+22	2,402122E+22	2,520427E+22	2,520437E+22	2,402176E+22	2,158964E+22	1,820116E+22	1,476447E+22	1,255895E+22	1,255892E+22	1,476448E+22	1,820140E+22
-1770	2,158995E+22	2,402186E+22	2,520433E+22	2,520408E+22	2,402119E+22	2,158904E+22	1,820076E+22	1,476436E+22	1,255911E+22	1,255924E+22	1,476465E+22	1,820105E+22
-1769	2,158916E+22	2,402081E+22	2,520311E+22	2,520341E+22	2,402118E+22	2,158940E+22	1,820135E+22	1,476501E+22	1,255962E+22	1,255946E+22	1,476447E+22	1,820052E+22
-1768	2,158879E+22	2,402141E+22	2,520425E+22	2,520416E+22	2,402150E+22	2,158948E+22	1,820137E+22	1,476521E+22	1,256009E+22	1,256012E+22	1,476536E+22	1,820161E+22
-1767	2,158942E+22	2,402111E+22	2,520354E+22	2,520338E+22	2,402086E+22	2,158911E+22	1,820120E+22	1,476521E+22	1,256024E+22	1,256031E+22	1,476526E+22	1,820096E+22
-1766	2,158847E+22	2,402011E+22	2,520296E+22	2,520344E+22	2,402116E+22	2,158944E+22	1,820164E+22	1,476569E+22	1,256061E+22	1,256049E+22	1,476539E+22	1,820135E+22
-1765	2,158937E+22	2,402123E+22	2,520363E+22	2,520362E+22	2,402107E+22	2,158913E+22	1,820121E+22	1,476537E+22	1,256060E+22	1,256084E+22	1,476607E+22	1,820209E+22
-1764	2,158960E+22	2,402078E+22	2,520264E+22	2,520249E+22	2,402040E+22	2,158907E+22	1,820149E+22	1,476563E+22	1,256057E+22	1,256045E+22	1,476525E+22	1,820100E+22
-1763	2,158871E+22	2,402069E+22	2,520352E+22	2,520354E+22	2,402097E+22	2,158931E+22	1,820166E+22	1,476580E+22	1,256070E+22	1,256051E+22	1,476539E+22	1,820152E+22
-1762	2,158973E+22	2,402169E+22	2,520417E+22	2,520383E+22	2,402082E+22	2,158872E+22	1,820091E+22	1,476516E+22	1,256036E+22	1,256053E+22	1,476559E+22	1,820140E+22
-1761	2,158900E+22	2,402059E+22	2,520294E+22	2,520317E+22	2,402100E+22	2,158926E+22	1,820131E+22	1,476525E+22	1,256013E+22	1,256005E+22	1,476493E+22	1,820067E+22
-1760	2,158846E+22	2,402082E+22	2,520394E+22	2,520407E+22	2,402155E+22	2,158959E+22	1,820141E+22	1,476514E+22	1,255996E+22	1,255997E+22	1,476525E+22	1,820169E+22
-1759	2,158967E+22	2,402121E+22	2,520359E+22	2,520355E+22	2,402109E+22	2,158920E+22	1,820103E+22	1,476471E+22	1,255952E+22	1,255959E+22	1,476477E+22	1,820088E+22
-1758	2,158881E+22	2,402048E+22	2,520297E+22	2,520336E+22	2,402123E+22	2,158951E+22	1,820144E+22	1,476503E+22	1,255951E+22	1,255924E+22	1,476434E+22	1,820072E+22
-1757	2,158922E+22	2,402159E+22	2,520415E+22	2,520394E+22	2,402129E+22	2,158920E+22	1,820095E+22	1,476462E+22	1,255938E+22	1,255945E+22	1,476492E+22	1,820150E+22
-1756	2,158958E+22	2,402131E+22	2,520356E+22	2,520326E+22	2,402072E+22	2,158895E+22	1,820092E+22	1,476459E+22	1,255921E+22	1,255914E+22	1,476429E+22	1,820047E+22
-1755	2,158849E+22	2,402062E+22	2,520376E+22	2,520408E+22	2,402145E+22	2,158936E+22	1,820114E+22	1,476475E+22	1,255935E+22	1,255925E+22	1,476452E+22	1,820103E+22
-1754	2,158954E+22	2,402174E+22	2,520438E+22	2,520427E+22	2,402136E+22	2,158897E+22	1,820055E+22	1,476422E+22	1,255914E+22	1,255946E+22	1,476504E+22	1,820145E+22
-1753	2,158937E+22	2,402095E+22	2,520307E+22	2,520316E+22	2,402108E+22	2,158933E+22	1,820109E+22	1,476461E+22	1,255927E+22	1,255928E+22	1,476448E+22	1,820062E+22
-1752	2,158859E+22	2,402087E+22	2,520381E+22	2,520384E+22	2,402139E+22	2,158958E+22	1,820147E+22	1,476514E+22	1,255981E+22	1,255970E+22	1,476491E+22	1,820147E+22
-1751	2,158982E+22	2,402159E+22	2,520391E+22	2,520364E+22	2,402092E+22	2,158899E+22	1,820104E+22	1,476502E+22	1,256002E+22	1,256010E+22	1,476511E+22	1,820098E+22
-1750	2,158877E+22	2,402043E+22	2,520289E+22	2,520317E+22	2,402093E+22	2,158925E+22	1,820154E+22	1,476566E+22	1,256057E+22	1,256037E+22	1,476510E+22	1,820080E+22
-1749	2,158861E+22	2,402077E+22	2,520363E+22	2,520368E+22	2,402114E+22	2,158922E+22	1,820137E+22	1,476563E+22	1,256089E+22	1,256103E+22	1,476610E+22	1,820204E+22
-1748	2,158951E+22	2,402077E+22	2,520296E+22	2,520278E+22	2,402039E+22	2,158890E+22	1,820137E+22	1,476571E+22	1,256094E+22	1,256105E+22	1,476583E+22	1,820127E+22
-1747	2,158851E+22	2,401989E+22	2,520254E+22	2,520291E+22	2,402075E+22	2,158933E+22	1,820186E+22	1,476619E+22	1,256128E+22	1,256114E+22	1,476583E+22	1,820153E+22
-1746	2,158940E+22	2,402128E+22	2,520363E+22	2,520331E+22	2,402062E+22	2,158885E+22	1,820128E+22	1,476579E+22	1,256120E+22	1,256138E+22	1,476633E+22	1,820208E+22
-1745	2,158955E+22	2,402086E+22	2,520281E+22	2,520248E+22	2,402021E+22	2,158888E+22	1,820150E+22	1,476596E+22	1,256121E+22	1,256115E+22	1,476565E+22	1,820092E+22
-1744	2,158830E+22	2,402022E+22	2,520327E+22	2,520345E+22	2,402092E+22	2,158928E+22	1,820177E+22	1,476621E+22	1,256137E+22	1,256121E+22	1,476584E+22	1,820158E+22
-1743	2,158949E+22	2,402123E+22	2,520367E+22	2,520362E+22	2,402097E+22	2,158896E+22	1,820115E+22	1,476554E+22	1,256092E+22	1,256112E+22	1,476599E+22	1,820146E+22
-1742	2,158874E+22	2,402016E+22	2,520258E+22	2,520288E+22	2,402087E+22	2,158937E+22	1,820166E+22	1,476576E+22	1,256072E+22	1,256057E+22	1,476532E+22	1,820096E+22
-1741	2,158848E+22	2,402035E+22	2,520330E+22	2,520349E+22	2,402114E+22	2,158943E+22	1,820157E+22	1,476560E+22	1,256059E+22	1,256057E+22	1,476566E+22	1,820192E+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	2,158983E+22	2,402116E+22	2,520326E+22	2,520297E+22	2,402048E+22	2,158892E+22	1,820122E+22	1,476526E+22	1,256021E+22	1,256023E+22	1,476515E+22	1,820091E+22
-1739	2,158865E+22	2,402030E+22	2,520281E+22	2,520304E+22	2,402079E+22	2,158924E+22	1,820151E+22	1,476547E+22	1,256022E+22	1,255999E+22	1,476484E+22	1,820079E+22
-1738	2,158900E+22	2,402141E+22	2,520414E+22	2,520385E+22	2,402103E+22	2,158888E+22	1,820082E+22	1,476487E+22	1,255995E+22	1,256012E+22	1,476543E+22	1,820170E+22
-1737	2,158953E+22	2,402111E+22	2,520340E+22	2,520313E+22	2,402064E+22	2,158885E+22	1,820084E+22	1,476473E+22	1,255971E+22	1,255983E+22	1,476486E+22	1,820072E+22
-1736	2,158834E+22	2,402010E+22	2,520319E+22	2,520365E+22	2,402126E+22	2,158941E+22	1,820137E+22	1,476515E+22	1,255992E+22	1,255984E+22	1,476496E+22	1,820128E+22
-1735	2,158963E+22	2,402151E+22	2,520386E+22	2,520381E+22	2,402122E+22	2,158909E+22	1,820090E+22	1,476478E+22	1,255980E+22	1,256001E+22	1,476531E+22	1,820142E+22
-1734	2,158923E+22	2,402083E+22	2,520296E+22	2,520283E+22	2,402071E+22	2,158926E+22	1,820144E+22	1,476534E+22	1,256013E+22	1,255996E+22	1,476483E+22	1,820068E+22
-1733	2,158841E+22	2,402043E+22	2,520345E+22	2,520348E+22	2,402096E+22	2,158929E+22	1,820159E+22	1,476575E+22	1,256075E+22	1,256062E+22	1,476548E+22	1,820156E+22
-1732	2,158962E+22	2,402124E+22	2,520355E+22	2,520328E+22	2,402054E+22	2,158878E+22	1,820120E+22	1,476561E+22	1,256091E+22	1,256105E+22	1,476579E+22	1,820113E+22
-1731	2,158845E+22	2,401991E+22	2,520243E+22	2,520278E+22	2,402067E+22	2,158921E+22	1,820174E+22	1,476617E+22	1,256137E+22	1,256126E+22	1,476582E+22	1,820112E+22
-1730	2,158854E+22	2,402047E+22	2,520327E+22	2,520326E+22	2,402076E+22	2,158903E+22	1,820147E+22	1,476606E+22	1,256154E+22	1,256171E+22	1,476663E+22	1,820236E+22
-1729	2,158968E+22	2,402072E+22	2,520269E+22	2,520241E+22	2,402007E+22	2,158875E+22	1,820146E+22	1,476611E+22	1,256162E+22	1,256177E+22	1,476630E+22	1,820142E+22
-1728	2,158845E+22	2,401968E+22	2,520224E+22	2,520251E+22	2,402038E+22	2,158919E+22	1,820207E+22	1,476675E+22	1,256204E+22	1,256184E+22	1,476624E+22	1,820160E+22
-1727	2,158930E+22	2,402110E+22	2,520344E+22	2,520316E+22	2,402050E+22	2,158878E+22	1,820146E+22	1,476630E+22	1,256194E+22	1,256208E+22	1,476671E+22	1,820198E+22
-1726	2,158914E+22	2,402051E+22	2,520274E+22	2,520251E+22	2,402018E+22	2,158886E+22	1,820168E+22	1,476645E+22	1,256192E+22	1,256183E+22	1,476615E+22	1,820114E+22
-1725	2,158808E+22	2,401957E+22	2,520266E+22	2,520309E+22	2,402076E+22	2,158923E+22	1,820187E+22	1,476655E+22	1,256198E+22	1,256190E+22	1,476640E+22	1,820186E+22
-1724	2,158949E+22	2,402086E+22	2,520308E+22	2,520305E+22	2,402057E+22	2,158893E+22	1,820145E+22	1,476601E+22	1,256147E+22	1,256167E+22	1,476640E+22	1,820163E+22
-1723	2,158871E+22	2,401993E+22	2,520215E+22	2,520236E+22	2,402045E+22	2,158928E+22	1,820191E+22	1,476627E+22	1,256134E+22	1,256113E+22	1,476569E+22	1,820108E+22
-1722	2,158849E+22	2,402037E+22	2,520319E+22	2,520308E+22	2,402057E+22	2,158905E+22	1,820157E+22	1,476598E+22	1,256115E+22	1,256109E+22	1,476595E+22	1,820194E+22
-1721	2,158979E+22	2,402115E+22	2,520329E+22	2,520289E+22	2,402020E+22	2,158860E+22	1,820109E+22	1,476550E+22	1,256080E+22	1,256093E+22	1,476561E+22	1,820095E+22
-1720	2,158837E+22	2,401991E+22	2,520254E+22	2,520291E+22	2,402067E+22	2,158912E+22	1,820152E+22	1,476576E+22	1,256078E+22	1,256064E+22	1,476535E+22	1,820098E+22
-1719	2,158889E+22	2,402105E+22	2,520371E+22	2,520366E+22	2,402107E+22	2,158899E+22	1,820099E+22	1,476519E+22	1,256044E+22	1,256066E+22	1,476583E+22	1,820181E+22
-1718	2,158938E+22	2,402084E+22	2,520316E+22	2,520295E+22	2,402055E+22	2,158897E+22	1,820118E+22	1,476525E+22	1,256030E+22	1,256033E+22	1,476523E+22	1,820099E+22
-1717	2,158840E+22	2,401974E+22	2,520263E+22	2,520312E+22	2,402089E+22	2,158931E+22	1,820161E+22	1,476573E+22	1,256067E+22	1,256052E+22	1,476534E+22	1,820135E+22
-1716	2,158962E+22	2,402142E+22	2,520356E+22	2,520329E+22	2,402066E+22	2,158892E+22	1,820126E+22	1,476550E+22	1,256067E+22	1,256080E+22	1,476573E+22	1,820136E+22
-1715	2,158889E+22	2,402049E+22	2,520274E+22	2,520258E+22	2,402033E+22	2,158903E+22	1,820165E+22	1,476601E+22	1,256110E+22	1,256093E+22	1,476547E+22	1,820076E+22
-1714	2,158808E+22	2,402002E+22	2,520313E+22	2,520321E+22	2,402063E+22	2,158899E+22	1,820157E+22	1,476619E+22	1,256155E+22	1,256152E+22	1,476620E+22	1,820185E+22
-1713	2,158950E+22	2,402086E+22	2,520314E+22	2,520296E+22	2,402031E+22	2,158864E+22	1,820120E+22	1,476592E+22	1,256162E+22	1,256194E+22	1,476654E+22	1,820151E+22
-1712	2,158838E+22	2,401943E+22	2,520178E+22	2,520220E+22	2,402030E+22	2,158913E+22	1,820195E+22	1,476665E+22	1,256206E+22	1,256199E+22	1,476639E+22	1,820147E+22
-1711	2,158872E+22	2,402035E+22	2,520282E+22	2,520281E+22	2,402047E+22	2,158896E+22	1,820171E+22	1,476660E+22	1,256224E+22	1,256233E+22	1,476697E+22	1,820240E+22
-1710	2,158961E+22	2,402073E+22	2,520272E+22	2,520227E+22	2,401978E+22	2,158861E+22	1,820169E+22	1,476672E+22	1,256240E+22	1,256240E+22	1,476666E+22	1,820152E+22
-1709	2,158828E+22	2,401932E+22	2,520196E+22	2,520233E+22	2,402013E+22	2,158897E+22	1,820214E+22	1,476724E+22	1,256283E+22	1,256264E+22	1,476673E+22	1,820165E+22
-1708	2,158907E+22	2,402080E+22	2,520315E+22	2,520294E+22	2,402031E+22	2,158877E+22	1,820172E+22	1,476681E+22	1,256262E+22	1,256280E+22	1,476723E+22	1,820208E+22
-1707	2,158880E+22	2,401998E+22	2,520228E+22	2,520223E+22	2,402005E+22	2,158896E+22	1,820198E+22	1,476693E+22	1,256255E+22	1,256250E+22	1,476668E+22	1,820136E+22
-1706	2,158797E+22	2,401924E+22	2,520218E+22	2,520264E+22	2,402041E+22	2,158912E+22	1,820203E+22	1,476695E+22	1,256250E+22	1,256241E+22	1,476679E+22	1,820208E+22
-1705	2,158958E+22	2,402080E+22	2,520275E+22	2,520260E+22	2,402018E+22	2,158873E+22	1,820148E+22	1,476634E+22	1,256205E+22	1,256226E+22	1,476677E+22	1,820171E+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°
-1704	2,158861E+22	2,401972E+22	2,520181E+22	2,520187E+22	2,401995E+22	2,158902E+22	1,820201E+22	1,476671E+22	1,256199E+22	1,256175E+22	1,476607E+22	1,820115E+22
-1703	2,158841E+22	2,402022E+22	2,520300E+22	2,520295E+22	2,402036E+22	2,158879E+22	1,820157E+22	1,476634E+22	1,256176E+22	1,256170E+22	1,476634E+22	1,820194E+22
-1702	2,158950E+22	2,402091E+22	2,520321E+22	2,520292E+22	2,402014E+22	2,158848E+22	1,820113E+22	1,476584E+22	1,256136E+22	1,256149E+22	1,476610E+22	1,820127E+22
-1701	2,158828E+22	2,401941E+22	2,520200E+22	2,520258E+22	2,402050E+22	2,158905E+22	1,820159E+22	1,476606E+22	1,256131E+22	1,256124E+22	1,476584E+22	1,820126E+22
-1700	2,158895E+22	2,402086E+22	2,520328E+22	2,520317E+22	2,402068E+22	2,158899E+22	1,820136E+22	1,476569E+22	1,256100E+22	1,256117E+22	1,476616E+22	1,820188E+22
-1699	2,158927E+22	2,402065E+22	2,520287E+22	2,520259E+22	2,402021E+22	2,158892E+22	1,820151E+22	1,476587E+22	1,256105E+22	1,256098E+22	1,476558E+22	1,820097E+22
-1698	2,158825E+22	2,401967E+22	2,520247E+22	2,520279E+22	2,402044E+22	2,158902E+22	1,820172E+22	1,476628E+22	1,256147E+22	1,256127E+22	1,476577E+22	1,820133E+22
-1697	2,158935E+22	2,402118E+22	2,520340E+22	2,520317E+22	2,402045E+22	2,158868E+22	1,820123E+22	1,476594E+22	1,256154E+22	1,256175E+22	1,476636E+22	1,820145E+22
-1696	2,158851E+22	2,401990E+22	2,520220E+22	2,520226E+22	2,402014E+22	2,158896E+22	1,820181E+22	1,476652E+22	1,256192E+22	1,256185E+22	1,476621E+22	1,820111E+22
-1695	2,158798E+22	2,401955E+22	2,520252E+22	2,520284E+22	2,402047E+22	2,158898E+22	1,820180E+22	1,476668E+22	1,256226E+22	1,256228E+22	1,476680E+22	1,820215E+22
-1694	2,158944E+22	2,402059E+22	2,520277E+22	2,520262E+22	2,402006E+22	2,158862E+22	1,820151E+22	1,476652E+22	1,256235E+22	1,256259E+22	1,476708E+22	1,820195E+22
-1693	2,158853E+22	2,401921E+22	2,520126E+22	2,520163E+22	2,401983E+22	2,158893E+22	1,820213E+22	1,476722E+22	1,256286E+22	1,256274E+22	1,476686E+22	1,820164E+22
-1692	2,158877E+22	2,402037E+22	2,520265E+22	2,520235E+22	2,401991E+22	2,158876E+22	1,820201E+22	1,476724E+22	1,256306E+22	1,256309E+22	1,476739E+22	1,820236E+22
-1691	2,158929E+22	2,402046E+22	2,520263E+22	2,520223E+22	2,401959E+22	2,158846E+22	1,820186E+22	1,476730E+22	1,256325E+22	1,256326E+22	1,476721E+22	1,820157E+22
-1690	2,158800E+22	2,401900E+22	2,520164E+22	2,520213E+22	2,401995E+22	2,158879E+22	1,820214E+22	1,476760E+22	1,256349E+22	1,256336E+22	1,476728E+22	1,820184E+22
-1689	2,158886E+22	2,402040E+22	2,520270E+22	2,520263E+22	2,402017E+22	2,158874E+22	1,820177E+22	1,476710E+22	1,256321E+22	1,256347E+22	1,476773E+22	1,820230E+22
-1688	2,158867E+22	2,401952E+22	2,520165E+22	2,520167E+22	2,401970E+22	2,158891E+22	1,820223E+22	1,476740E+22	1,256313E+22	1,256305E+22	1,476708E+22	1,820158E+22
-1687	2,158805E+22	2,401909E+22	2,520173E+22	2,520216E+22	2,402003E+22	2,158894E+22	1,820222E+22	1,476743E+22	1,256309E+22	1,256290E+22	1,476703E+22	1,820206E+22
-1686	2,158942E+22	2,402077E+22	2,520275E+22	2,520245E+22	2,401986E+22	2,158850E+22	1,820160E+22	1,476681E+22	1,256267E+22	1,256279E+22	1,476711E+22	1,820186E+22
-1685	2,158846E+22	2,401943E+22	2,520153E+22	2,520166E+22	2,401968E+22	2,158871E+22	1,820193E+22	1,476702E+22	1,256261E+22	1,256243E+22	1,476653E+22	1,820127E+22
-1684	2,158827E+22	2,402003E+22	2,520277E+22	2,520271E+22	2,402014E+22	2,158873E+22	1,820172E+22	1,476667E+22	1,256229E+22	1,256229E+22	1,476679E+22	1,820208E+22
-1683	2,158927E+22	2,402053E+22	2,520292E+22	2,520279E+22	2,402008E+22	2,158854E+22	1,820136E+22	1,476625E+22	1,256192E+22	1,256206E+22	1,476653E+22	1,820146E+22
-1682	2,158825E+22	2,401923E+22	2,520161E+22	2,520222E+22	2,402025E+22	2,158896E+22	1,820176E+22	1,476648E+22	1,256186E+22	1,256175E+22	1,476619E+22	1,820139E+22
-1681	2,158892E+22	2,402078E+22	2,520303E+22	2,520284E+22	2,402041E+22	2,158889E+22	1,820149E+22	1,476617E+22	1,256173E+22	1,256185E+22	1,476652E+22	1,820187E+22
-1680	2,158901E+22	2,402034E+22	2,520252E+22	2,520219E+22	2,401982E+22	2,158877E+22	1,820176E+22	1,476650E+22	1,256191E+22	1,256180E+22	1,476610E+22	1,820106E+22
-1679	2,158800E+22	2,401929E+22	2,520208E+22	2,520259E+22	2,402025E+22	2,158883E+22	1,820184E+22	1,476682E+22	1,256232E+22	1,256213E+22	1,476637E+22	1,820147E+22
-1678	2,158901E+22	2,402072E+22	2,520304E+22	2,520298E+22	2,402033E+22	2,158861E+22	1,820136E+22	1,476642E+22	1,256230E+22	1,256255E+22	1,476709E+22	1,820196E+22
-1677	2,158846E+22	2,401934E+22	2,520144E+22	2,520165E+22	2,401977E+22	2,158880E+22	1,820191E+22	1,476696E+22	1,256266E+22	1,256266E+22	1,476688E+22	1,820155E+22
-1676	2,158818E+22	2,401947E+22	2,520206E+22	2,520216E+22	2,401989E+22	2,158884E+22	1,820212E+22	1,476726E+22	1,256298E+22	1,256295E+22	1,476726E+22	1,820236E+22
-1675	2,158945E+22	2,402052E+22	2,520256E+22	2,520224E+22	2,401962E+22	2,158842E+22	1,820175E+22	1,476717E+22	1,256318E+22	1,256332E+22	1,476746E+22	1,820196E+22
-1674	2,158845E+22	2,401924E+22	2,520121E+22	2,520140E+22	2,401943E+22	2,158861E+22	1,820218E+22	1,476772E+22	1,256365E+22	1,256349E+22	1,476728E+22	1,820163E+22
-1673	2,158850E+22	2,402018E+22	2,520259E+22	2,520235E+22	2,401983E+22	2,158858E+22	1,820198E+22	1,476764E+22	1,256385E+22	1,256392E+22	1,476789E+22	1,820236E+22
-1672	2,158885E+22	2,401987E+22	2,520213E+22	2,520196E+22	2,401954E+22	2,158852E+22	1,820209E+22	1,476778E+22	1,256397E+22	1,256403E+22	1,476779E+22	1,820179E+22
-1671	2,158780E+22	2,401848E+22	2,520105E+22	2,520182E+22	2,401988E+22	2,158886E+22	1,820241E+22	1,476809E+22	1,256412E+22	1,256398E+22	1,476773E+22	1,820202E+22
-1670	2,158870E+22	2,402004E+22	2,520227E+22	2,520227E+22	2,401995E+22	2,158873E+22	1,820206E+22	1,476765E+22	1,256384E+22	1,256399E+22	1,476814E+22	1,820261E+22
-1669	2,158870E+22	2,401924E+22	2,520109E+22	2,520103E+22	2,401918E+22	2,158865E+22	1,820235E+22	1,476790E+22	1,256384E+22	1,256371E+22	1,476748E+22	1,820171E+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	2,158806E+22	2,401911E+22	2,520160E+22	2,520168E+22	2,401942E+22	2,158863E+22	1,820237E+22	1,476790E+22	1,256376E+22	1,256356E+22	1,476743E+22	1,820208E+22
-1667	2,158913E+22	2,402050E+22	2,520266E+22	2,520241E+22	2,401967E+22	2,158826E+22	1,820161E+22	1,476720E+22	1,256334E+22	1,256351E+22	1,476761E+22	1,820199E+22
-1666	2,158831E+22	2,401923E+22	2,520128E+22	2,520148E+22	2,401955E+22	2,158854E+22	1,820183E+22	1,476718E+22	1,256307E+22	1,256301E+22	1,476702E+22	1,820154E+22
-1665	2,158823E+22	2,401980E+22	2,520245E+22	2,520247E+22	2,402007E+22	2,158871E+22	1,820172E+22	1,476688E+22	1,256275E+22	1,256281E+22	1,476714E+22	1,820225E+22
-1664	2,158920E+22	2,402022E+22	2,520243E+22	2,520236E+22	2,401988E+22	2,158858E+22	1,820166E+22	1,476674E+22	1,256249E+22	1,256256E+22	1,476683E+22	1,820158E+22
-1663	2,158826E+22	2,401910E+22	2,520130E+22	2,520191E+22	2,401999E+22	2,158886E+22	1,820201E+22	1,476705E+22	1,256256E+22	1,256232E+22	1,476644E+22	1,820131E+22
-1662	2,158859E+22	2,402053E+22	2,520295E+22	2,520274E+22	2,402022E+22	2,158878E+22	1,820172E+22	1,476678E+22	1,256251E+22	1,256256E+22	1,476699E+22	1,820202E+22
-1661	2,158873E+22	2,401985E+22	2,520204E+22	2,520184E+22	2,401956E+22	2,158856E+22	1,820183E+22	1,476701E+22	1,256276E+22	1,256272E+22	1,476677E+22	1,820131E+22
-1660	2,158785E+22	2,401896E+22	2,520162E+22	2,520203E+22	2,401984E+22	2,158876E+22	1,820209E+22	1,476732E+22	1,256306E+22	1,256294E+22	1,476702E+22	1,820178E+22
-1659	2,158886E+22	2,402031E+22	2,520259E+22	2,520259E+22	2,402006E+22	2,158855E+22	1,820162E+22	1,476698E+22	1,256307E+22	1,256333E+22	1,476766E+22	1,820229E+22
-1658	2,158862E+22	2,401929E+22	2,520104E+22	2,520111E+22	2,401930E+22	2,158853E+22	1,820198E+22	1,476741E+22	1,256336E+22	1,256334E+22	1,476733E+22	1,820176E+22
-1657	2,158826E+22	2,401950E+22	2,520190E+22	2,520180E+22	2,401951E+22	2,158857E+22	1,820213E+22	1,476775E+22	1,256380E+22	1,256371E+22	1,476764E+22	1,820234E+22
-1656	2,158920E+22	2,402028E+22	2,520238E+22	2,520203E+22	2,401934E+22	2,158824E+22	1,820195E+22	1,476778E+22	1,256406E+22	1,256417E+22	1,476797E+22	1,820201E+22
-1655	2,158814E+22	2,401883E+22	2,520095E+22	2,520137E+22	2,401937E+22	2,158849E+22	1,820230E+22	1,476825E+22	1,256446E+22	1,256431E+22	1,476783E+22	1,820171E+22
-1654	2,158806E+22	2,401960E+22	2,520222E+22	2,520223E+22	2,401986E+22	2,158869E+22	1,820222E+22	1,476813E+22	1,256454E+22	1,256465E+22	1,476851E+22	1,820273E+22
-1653	2,158871E+22	2,401926E+22	2,520134E+22	2,520132E+22	2,401921E+22	2,158849E+22	1,820231E+22	1,476826E+22	1,256466E+22	1,256476E+22	1,476835E+22	1,820211E+22
-1652	2,158790E+22	2,401833E+22	2,520053E+22	2,520101E+22	2,401927E+22	2,158876E+22	1,820275E+22	1,476864E+22	1,256478E+22	1,256458E+22	1,476811E+22	1,820215E+22
-1651	2,158864E+22	2,401988E+22	2,520203E+22	2,520185E+22	2,401950E+22	2,158850E+22	1,820222E+22	1,476820E+22	1,256458E+22	1,256465E+22	1,476848E+22	1,820265E+22
-1650	2,158868E+22	2,401925E+22	2,520100E+22	2,520077E+22	2,401875E+22	2,158822E+22	1,820223E+22	1,476821E+22	1,256446E+22	1,256437E+22	1,476790E+22	1,820180E+22
-1649	2,158793E+22	2,401898E+22	2,520157E+22	2,520168E+22	2,401933E+22	2,158838E+22	1,820217E+22	1,476810E+22	1,256433E+22	1,256421E+22	1,476787E+22	1,820218E+22
-1648	2,158888E+22	2,402007E+22	2,520232E+22	2,520222E+22	2,401965E+22	2,158833E+22	1,820176E+22	1,476751E+22	1,256384E+22	1,256407E+22	1,476807E+22	1,820222E+22
-1647	2,158824E+22	2,401889E+22	2,520094E+22	2,520132E+22	2,401953E+22	2,158863E+22	1,820207E+22	1,476757E+22	1,256353E+22	1,256344E+22	1,476732E+22	1,820166E+22
-1646	2,158813E+22	2,401956E+22	2,520218E+22	2,520224E+22	2,401999E+22	2,158884E+22	1,820206E+22	1,476740E+22	1,256330E+22	1,256325E+22	1,476743E+22	1,820239E+22
-1645	2,158913E+22	2,401994E+22	2,520196E+22	2,520178E+22	2,401946E+22	2,158846E+22	1,820189E+22	1,476731E+22	1,256326E+22	1,256326E+22	1,476721E+22	1,820162E+22
-1644	2,158813E+22	2,401900E+22	2,520112E+22	2,520141E+22	2,401945E+22	2,158866E+22	1,820226E+22	1,476765E+22	1,256339E+22	1,256313E+22	1,476695E+22	1,820136E+22
-1643	2,158822E+22	2,402003E+22	2,520263E+22	2,520251E+22	2,401998E+22	2,158857E+22	1,820180E+22	1,476731E+22	1,256337E+22	1,256345E+22	1,476761E+22	1,820223E+22
-1642	2,158861E+22	2,401949E+22	2,520154E+22	2,520138E+22	2,401921E+22	2,158831E+22	1,820178E+22	1,476732E+22	1,256343E+22	1,256352E+22	1,476745E+22	1,820171E+22
-1641	2,158791E+22	2,401874E+22	2,520126E+22	2,520160E+22	2,401949E+22	2,158852E+22	1,820205E+22	1,476766E+22	1,256372E+22	1,256364E+22	1,476752E+22	1,820204E+22
-1640	2,158888E+22	2,402007E+22	2,520216E+22	2,520206E+22	2,401965E+22	2,158842E+22	1,820185E+22	1,476754E+22	1,256380E+22	1,256401E+22	1,476809E+22	1,820244E+22
-1639	2,158862E+22	2,401921E+22	2,520094E+22	2,520092E+22	2,401902E+22	2,158834E+22	1,820214E+22	1,476798E+22	1,256415E+22	1,256405E+22	1,476767E+22	1,820171E+22
-1638	2,158796E+22	2,401927E+22	2,520189E+22	2,520184E+22	2,401946E+22	2,158853E+22	1,820233E+22	1,476832E+22	1,256460E+22	1,256449E+22	1,476814E+22	1,820243E+22
-1637	2,158885E+22	2,401972E+22	2,520188E+22	2,520173E+22	2,401924E+22	2,158822E+22	1,820211E+22	1,476832E+22	1,256493E+22	1,256508E+22	1,476862E+22	1,820221E+22
-1636	2,158791E+22	2,401840E+22	2,520048E+22	2,520083E+22	2,401910E+22	2,158860E+22	1,820269E+22	1,476882E+22	1,256523E+22	1,256511E+22	1,476844E+22	1,820197E+22
-1635	2,158782E+22	2,401899E+22	2,520164E+22	2,520180E+22	2,401962E+22	2,158872E+22	1,820257E+22	1,476876E+22	1,256533E+22	1,256540E+22	1,476901E+22	1,820297E+22
-1634	2,158882E+22	2,401911E+22	2,520082E+22	2,520066E+22	2,401869E+22	2,158825E+22	1,820242E+22	1,476873E+22	1,256536E+22	1,256544E+22	1,476882E+22	1,820233E+22
-1633	2,158799E+22	2,401836E+22	2,520037E+22	2,520056E+22	2,401875E+22	2,158838E+22	1,820269E+22	1,476905E+22	1,256551E+22	1,256527E+22	1,476849E+22	1,820218E+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	2,158848E+22	2,401968E+22	2,520187E+22	2,520160E+22	2,401915E+22	2,158824E+22	1,820228E+22	1,476864E+22	1,256527E+22	1,256537E+22	1,476896E+22	1,820277E+22
-1631	2,158852E+22	2,401895E+22	2,520089E+22	2,520082E+22	2,401870E+22	2,158805E+22	1,820216E+22	1,476847E+22	1,256500E+22	1,256497E+22	1,476834E+22	1,820193E+22
-1630	2,158771E+22	2,401860E+22	2,520135E+22	2,520166E+22	2,401944E+22	2,158851E+22	1,820231E+22	1,476836E+22	1,256472E+22	1,256467E+22	1,476831E+22	1,820248E+22
-1629	2,158886E+22	2,401967E+22	2,520175E+22	2,520174E+22	2,401945E+22	2,158838E+22	1,820200E+22	1,476791E+22	1,256435E+22	1,256457E+22	1,476842E+22	1,820239E+22
-1628	2,158833E+22	2,401883E+22	2,520062E+22	2,520067E+22	2,401905E+22	2,158864E+22	1,820245E+22	1,476811E+22	1,256413E+22	1,256393E+22	1,476755E+22	1,820162E+22
-1627	2,158791E+22	2,401927E+22	2,520199E+22	2,520196E+22	2,401967E+22	2,158872E+22	1,820232E+22	1,476802E+22	1,256410E+22	1,256394E+22	1,476772E+22	1,820227E+22
-1626	2,158895E+22	2,401978E+22	2,520176E+22	2,520148E+22	2,401906E+22	2,158811E+22	1,820184E+22	1,476770E+22	1,256400E+22	1,256406E+22	1,476773E+22	1,820170E+22
-1625	2,158791E+22	2,401867E+22	2,520087E+22	2,520117E+22	2,401921E+22	2,158838E+22	1,820212E+22	1,476797E+22	1,256412E+22	1,256394E+22	1,476753E+22	1,820156E+22
-1624	2,158801E+22	2,401950E+22	2,520211E+22	2,520211E+22	2,401977E+22	2,158854E+22	1,820197E+22	1,476774E+22	1,256405E+22	1,256421E+22	1,476824E+22	1,820260E+22
-1623	2,158864E+22	2,401912E+22	2,520114E+22	2,520110E+22	2,401898E+22	2,158819E+22	1,820192E+22	1,476776E+22	1,256405E+22	1,256415E+22	1,476791E+22	1,820195E+22
-1622	2,158794E+22	2,401858E+22	2,520102E+22	2,520133E+22	2,401930E+22	2,158852E+22	1,820230E+22	1,476818E+22	1,256437E+22	1,256426E+22	1,476795E+22	1,820222E+22
-1621	2,158884E+22	2,401986E+22	2,520182E+22	2,520156E+22	2,401921E+22	2,158826E+22	1,820207E+22	1,476815E+22	1,256467E+22	1,256485E+22	1,476858E+22	1,820249E+22
-1620	2,158845E+22	2,401905E+22	2,520081E+22	2,520055E+22	2,401864E+22	2,158825E+22	1,820242E+22	1,476861E+22	1,256505E+22	1,256494E+22	1,476824E+22	1,820176E+22
-1619	2,158754E+22	2,401865E+22	2,520151E+22	2,520169E+22	2,401941E+22	2,158853E+22	1,820255E+22	1,476893E+22	1,256552E+22	1,256543E+22	1,476876E+22	1,820259E+22
-1618	2,158870E+22	2,401927E+22	2,520126E+22	2,520120E+22	2,401893E+22	2,158813E+22	1,820223E+22	1,476875E+22	1,256566E+22	1,256591E+22	1,476928E+22	1,820258E+22
-1617	2,158796E+22	2,401812E+22	2,519999E+22	2,520026E+22	2,401865E+22	2,158839E+22	1,820279E+22	1,476931E+22	1,256596E+22	1,256581E+22	1,476892E+22	1,820221E+22
-1616	2,158784E+22	2,401871E+22	2,520115E+22	2,520117E+22	2,401909E+22	2,158854E+22	1,820282E+22	1,476936E+22	1,256608E+22	1,256608E+22	1,476943E+22	1,820311E+22
-1615	2,158880E+22	2,401899E+22	2,520075E+22	2,520047E+22	2,401828E+22	2,158792E+22	1,820248E+22	1,476920E+22	1,256605E+22	1,256608E+22	1,476918E+22	1,820234E+22
-1614	2,158781E+22	2,401821E+22	2,520042E+22	2,520064E+22	2,401867E+22	2,158824E+22	1,820272E+22	1,476939E+22	1,256607E+22	1,256590E+22	1,476897E+22	1,820231E+22
-1613	2,158826E+22	2,401927E+22	2,520148E+22	2,520134E+22	2,401903E+22	2,158819E+22	1,820234E+22	1,476896E+22	1,256587E+22	1,256605E+22	1,476948E+22	1,820296E+22
-1612	2,158842E+22	2,401872E+22	2,520062E+22	2,520046E+22	2,401854E+22	2,158821E+22	1,820246E+22	1,476885E+22	1,256551E+22	1,256550E+22	1,476874E+22	1,820210E+22
-1611	2,158757E+22	2,401817E+22	2,520094E+22	2,520140E+22	2,401933E+22	2,158860E+22	1,820263E+22	1,476888E+22	1,256533E+22	1,256518E+22	1,476855E+22	1,820249E+22
-1610	2,158889E+22	2,401954E+22	2,520131E+22	2,520121E+22	2,401904E+22	2,158823E+22	1,820214E+22	1,476835E+22	1,256496E+22	1,256513E+22	1,476872E+22	1,820242E+22
-1609	2,158825E+22	2,401877E+22	2,520052E+22	2,520035E+22	2,401858E+22	2,158829E+22	1,820246E+22	1,476858E+22	1,256487E+22	1,256462E+22	1,476793E+22	1,820158E+22
-1608	2,158759E+22	2,401882E+22	2,520165E+22	2,520167E+22	2,401933E+22	2,158849E+22	1,820242E+22	1,476852E+22	1,256487E+22	1,256476E+22	1,476831E+22	1,820241E+22
-1607	2,158866E+22	2,401927E+22	2,520145E+22	2,520137E+22	2,401891E+22	2,158794E+22	1,820182E+22	1,476802E+22	1,256462E+22	1,256480E+22	1,476836E+22	1,820199E+22
-1606	2,158780E+22	2,401828E+22	2,520049E+22	2,520093E+22	2,401912E+22	2,158840E+22	1,820223E+22	1,476824E+22	1,256459E+22	1,256456E+22	1,476813E+22	1,820196E+22
-1605	2,158811E+22	2,401919E+22	2,520149E+22	2,520146E+22	2,401933E+22	2,158844E+22	1,820217E+22	1,476820E+22	1,256469E+22	1,256485E+22	1,476871E+22	1,820286E+22
-1604	2,158882E+22	2,401918E+22	2,520092E+22	2,520052E+22	2,401849E+22	2,158812E+22	1,820222E+22	1,476833E+22	1,256478E+22	1,256478E+22	1,476825E+22	1,820197E+22
-1603	2,158777E+22	2,401836E+22	2,520092E+22	2,520118E+22	2,401905E+22	2,158840E+22	1,820257E+22	1,476886E+22	1,256528E+22	1,256506E+22	1,476831E+22	1,820212E+22
-1602	2,158865E+22	2,401964E+22	2,520158E+22	2,520134E+22	2,401896E+22	2,158807E+22	1,820215E+22	1,476866E+22	1,256552E+22	1,256574E+22	1,476918E+22	1,820259E+22
-1601	2,158818E+22	2,401868E+22	2,520053E+22	2,520034E+22	2,401845E+22	2,158812E+22	1,820252E+22	1,476913E+22	1,256590E+22	1,256582E+22	1,476887E+22	1,820194E+22
-1600	2,158726E+22	2,401801E+22	2,520087E+22	2,520123E+22	2,401919E+22	2,158861E+22	1,820292E+22	1,476955E+22	1,256634E+22	1,256628E+22	1,476943E+22	1,820290E+22
-1599	2,158862E+22	2,401883E+22	2,520079E+22	2,520082E+22	2,401861E+22	2,158802E+22	1,820246E+22	1,476931E+22	1,256639E+22	1,256661E+22	1,476978E+22	1,820281E+22
-1598	2,158798E+22	2,401795E+22	2,519967E+22	2,519987E+22	2,401832E+22	2,158829E+22	1,820300E+22	1,476982E+22	1,256664E+22	1,256649E+22	1,476941E+22	1,820239E+22
-1597	2,158782E+22	2,401855E+22	2,520081E+22	2,520066E+22	2,401853E+22	2,158823E+22	1,820294E+22	1,476991E+22	1,256690E+22	1,256688E+22	1,476995E+22	1,820322E+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	2,158870E+22	2,401889E+22	2,520063E+22	2,520017E+22	2,401792E+22	2,158772E+22	1,820255E+22	1,476963E+22	1,256676E+22	1,256682E+22	1,476970E+22	1,820244E+22
-1595	2,158749E+22	2,401772E+22	2,520014E+22	2,520060E+22	2,401869E+22	2,158824E+22	1,820282E+22	1,476977E+22	1,256671E+22	1,256658E+22	1,476943E+22	1,820247E+22
-1594	2,158822E+22	2,401899E+22	2,520101E+22	2,520094E+22	2,401880E+22	2,158813E+22	1,820241E+22	1,476921E+22	1,256632E+22	1,256658E+22	1,476992E+22	1,820319E+22
-1593	2,158845E+22	2,401855E+22	2,520030E+22	2,520007E+22	2,401819E+22	2,158804E+22	1,820257E+22	1,476925E+22	1,256604E+22	1,256594E+22	1,476899E+22	1,820214E+22
-1592	2,158749E+22	2,401791E+22	2,520053E+22	2,520095E+22	2,401898E+22	2,158853E+22	1,820291E+22	1,476943E+22	1,256599E+22	1,256574E+22	1,476884E+22	1,820244E+22
-1591	2,158865E+22	2,401930E+22	2,520123E+22	2,520111E+22	2,401873E+22	2,158797E+22	1,820221E+22	1,476878E+22	1,256561E+22	1,256573E+22	1,476907E+22	1,820239E+22
-1590	2,158797E+22	2,401846E+22	2,520036E+22	2,520034E+22	2,401851E+22	2,158819E+22	1,820252E+22	1,476891E+22	1,256544E+22	1,256530E+22	1,476850E+22	1,820177E+22
-1589	2,158737E+22	2,401835E+22	2,520108E+22	2,520123E+22	2,401904E+22	2,158839E+22	1,820253E+22	1,476891E+22	1,256551E+22	1,256550E+22	1,476895E+22	1,820274E+22
-1588	2,158865E+22	2,401902E+22	2,520102E+22	2,520085E+22	2,401858E+22	2,158798E+22	1,820208E+22	1,476845E+22	1,256521E+22	1,256541E+22	1,476887E+22	1,820229E+22
-1587	2,158780E+22	2,401798E+22	2,520008E+22	2,520061E+22	2,401891E+22	2,158839E+22	1,820251E+22	1,476880E+22	1,256529E+22	1,256518E+22	1,476847E+22	1,820209E+22
-1586	2,158827E+22	2,401922E+22	2,520115E+22	2,520093E+22	2,401884E+22	2,158821E+22	1,820229E+22	1,476869E+22	1,256542E+22	1,256555E+22	1,476912E+22	1,820293E+22
-1585	2,158876E+22	2,401919E+22	2,520093E+22	2,520033E+22	2,401805E+22	2,158776E+22	1,820229E+22	1,476892E+22	1,256566E+22	1,256558E+22	1,476870E+22	1,820194E+22
-1584	2,158741E+22	2,401790E+22	2,520060E+22	2,520102E+22	2,401886E+22	2,158829E+22	1,820277E+22	1,476949E+22	1,256621E+22	1,256601E+22	1,476897E+22	1,820222E+22
-1583	2,158821E+22	2,401904E+22	2,520123E+22	2,520125E+22	2,401886E+22	2,158801E+22	1,820229E+22	1,476916E+22	1,256631E+22	1,256659E+22	1,476984E+22	1,820287E+22
-1582	2,158802E+22	2,401820E+22	2,520003E+22	2,520003E+22	2,401831E+22	2,158819E+22	1,820280E+22	1,476961E+22	1,256657E+22	1,256659E+22	1,476955E+22	1,820231E+22
-1581	2,158727E+22	2,401760E+22	2,520008E+22	2,520042E+22	2,401861E+22	2,158846E+22	1,820321E+22	1,477018E+22	1,256715E+22	1,256705E+22	1,476998E+22	1,820315E+22
-1580	2,158869E+22	2,401880E+22	2,520046E+22	2,520017E+22	2,401805E+22	2,158786E+22	1,820271E+22	1,476991E+22	1,256720E+22	1,256734E+22	1,477022E+22	1,820290E+22
-1579	2,158783E+22	2,401775E+22	2,519954E+22	2,519971E+22	2,401801E+22	2,158803E+22	1,820309E+22	1,477037E+22	1,256747E+22	1,256726E+22	1,476980E+22	1,820239E+22
-1578	2,158771E+22	2,401837E+22	2,520054E+22	2,520042E+22	2,401824E+22	2,158793E+22	1,820285E+22	1,477022E+22	1,256756E+22	1,256763E+22	1,477051E+22	1,820340E+22
-1577	2,158853E+22	2,401864E+22	2,520046E+22	2,520009E+22	2,401779E+22	2,158755E+22	1,820256E+22	1,476997E+22	1,256734E+22	1,256743E+22	1,477016E+22	1,820262E+22
-1576	2,158731E+22	2,401725E+22	2,519964E+22	2,520031E+22	2,401858E+22	2,158833E+22	1,820313E+22	1,477023E+22	1,256727E+22	1,256713E+22	1,476985E+22	1,820263E+22
-1575	2,158808E+22	2,401867E+22	2,520070E+22	2,520071E+22	2,401862E+22	2,158812E+22	1,820265E+22	1,476965E+22	1,256684E+22	1,256702E+22	1,477017E+22	1,820325E+22
-1574	2,158839E+22	2,401844E+22	2,520008E+22	2,519980E+22	2,401797E+22	2,158802E+22	1,820282E+22	1,476968E+22	1,256658E+22	1,256648E+22	1,476933E+22	1,820215E+22
-1573	2,158730E+22	2,401764E+22	2,520011E+22	2,520046E+22	2,401848E+22	2,158828E+22	1,820307E+22	1,476996E+22	1,256674E+22	1,256648E+22	1,476932E+22	1,820252E+22
-1572	2,158840E+22	2,401902E+22	2,520092E+22	2,520079E+22	2,401847E+22	2,158783E+22	1,820227E+22	1,476920E+22	1,256629E+22	1,256646E+22	1,476962E+22	1,820258E+22
-1571	2,158771E+22	2,401796E+22	2,519993E+22	2,520014E+22	2,401841E+22	2,158812E+22	1,820260E+22	1,476929E+22	1,256608E+22	1,256598E+22	1,476900E+22	1,820207E+22
-1570	2,158749E+22	2,401814E+22	2,520055E+22	2,520067E+22	2,401862E+22	2,158818E+22	1,820257E+22	1,476920E+22	1,256603E+22	1,256610E+22	1,476946E+22	1,820309E+22
-1569	2,158882E+22	2,401904E+22	2,520079E+22	2,520044E+22	2,401810E+22	2,158766E+22	1,820217E+22	1,476893E+22	1,256583E+22	1,256594E+22	1,476918E+22	1,820238E+22
-1568	2,158776E+22	2,401787E+22	2,519986E+22	2,520030E+22	2,401856E+22	2,158826E+22	1,820277E+22	1,476941E+22	1,256607E+22	1,256586E+22	1,476884E+22	1,820204E+22
-1567	2,158797E+22	2,401902E+22	2,520120E+22	2,520098E+22	2,401865E+22	2,158801E+22	1,820240E+22	1,476921E+22	1,256619E+22	1,256629E+22	1,476954E+22	1,820290E+22
-1566	2,158841E+22	2,401882E+22	2,520074E+22	2,520038E+22	2,401812E+22	2,158780E+22	1,820246E+22	1,476938E+22	1,256640E+22	1,256644E+22	1,476937E+22	1,820211E+22
-1565	2,158709E+22	2,401732E+22	2,519990E+22	2,520053E+22	2,401864E+22	2,158833E+22	1,820308E+22	1,477010E+22	1,256708E+22	1,256693E+22	1,476970E+22	1,820257E+22
-1564	2,158806E+22	2,401859E+22	2,520058E+22	2,520064E+22	2,401855E+22	2,158807E+22	1,820264E+22	1,476978E+22	1,256712E+22	1,256738E+22	1,477043E+22	1,820318E+22
-1563	2,158794E+22	2,401777E+22	2,519944E+22	2,519953E+22	2,401797E+22	2,158811E+22	1,820311E+22	1,477030E+22	1,256745E+22	1,256737E+22	1,477000E+22	1,820252E+22
-1562	2,158742E+22	2,401758E+22	2,519966E+22	2,519973E+22	2,401792E+22	2,158806E+22	1,820327E+22	1,477070E+22	1,256796E+22	1,256787E+22	1,477053E+22	1,820333E+22
-1561	2,158863E+22	2,401878E+22	2,520040E+22	2,519989E+22	2,401749E+22	2,158734E+22	1,820267E+22	1,477043E+22	1,256802E+22	1,256813E+22	1,477073E+22	1,820299E+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												
-1560	2,158757E+22	2,401739E+22	2,519926E+22	2,519957E+22	2,401787E+22	2,158789E+22	1,820315E+22	1,477080E+22	1,256821E+22	1,256807E+22	1,477040E+22	1,820258E+22
-1559	2,158743E+22	2,401796E+22	2,520032E+22	2,520036E+22	2,401820E+22	2,158788E+22	1,820289E+22	1,477050E+22	1,256808E+22	1,256821E+22	1,477097E+22	1,820364E+22
-1558	2,158848E+22	2,401834E+22	2,520010E+22	2,519990E+22	2,401778E+22	2,158768E+22	1,820279E+22	1,477027E+22	1,256775E+22	1,256791E+22	1,477056E+22	1,820281E+22
-1557	2,158730E+22	2,401700E+22	2,519906E+22	2,519969E+22	2,401816E+22	2,158827E+22	1,820344E+22	1,477079E+22	1,256791E+22	1,256767E+22	1,477015E+22	1,820268E+22
-1556	2,158795E+22	2,401856E+22	2,520043E+22	2,520025E+22	2,401825E+22	2,158804E+22	1,820290E+22	1,477021E+22	1,256753E+22	1,256759E+22	1,477043E+22	1,820317E+22
-1555	2,158807E+22	2,401813E+22	2,519990E+22	2,519969E+22	2,401779E+22	2,158787E+22	1,820296E+22	1,477021E+22	1,256734E+22	1,256717E+22	1,476968E+22	1,820217E+22
-1554	2,158715E+22	2,401738E+22	2,519971E+22	2,520007E+22	2,401815E+22	2,158800E+22	1,820300E+22	1,477026E+22	1,256736E+22	1,256722E+22	1,476992E+22	1,820278E+22
-1553	2,158828E+22	2,401877E+22	2,520065E+22	2,520051E+22	2,401816E+22	2,158758E+22	1,820230E+22	1,476956E+22	1,256687E+22	1,256707E+22	1,477013E+22	1,820289E+22
-1552	2,158767E+22	2,401762E+22	2,519947E+22	2,519979E+22	2,401821E+22	2,158809E+22	1,820280E+22	1,476973E+22	1,256668E+22	1,256659E+22	1,476946E+22	1,820231E+22
-1551	2,158746E+22	2,401800E+22	2,520037E+22	2,520045E+22	2,401837E+22	2,158803E+22	1,820268E+22	1,476962E+22	1,256661E+22	1,256661E+22	1,476976E+22	1,820320E+22
-1550	2,158882E+22	2,401905E+22	2,520075E+22	2,520032E+22	2,401794E+22	2,158759E+22	1,820236E+22	1,476937E+22	1,256647E+22	1,256660E+22	1,476959E+22	1,820240E+22
-1549	2,158752E+22	2,401760E+22	2,519953E+22	2,519994E+22	2,401819E+22	2,158806E+22	1,820297E+22	1,477004E+22	1,256696E+22	1,256674E+22	1,476941E+22	1,820211E+22
-1548	2,158756E+22	2,401855E+22	2,520079E+22	2,520072E+22	2,401857E+22	2,158803E+22	1,820260E+22	1,476977E+22	1,256706E+22	1,256717E+22	1,477016E+22	1,820308E+22
-1547	2,158806E+22	2,401819E+22	2,520015E+22	2,520006E+22	2,401806E+22	2,158787E+22	1,820273E+22	1,476995E+22	1,256724E+22	1,256729E+22	1,476996E+22	1,820244E+22
-1546	2,158715E+22	2,401695E+22	2,519911E+22	2,519969E+22	2,401808E+22	2,158813E+22	1,820325E+22	1,477061E+22	1,256783E+22	1,256773E+22	1,477033E+22	1,820296E+22
-1545	2,158818E+22	2,401848E+22	2,520018E+22	2,520003E+22	2,401790E+22	2,158766E+22	1,820279E+22	1,477042E+22	1,256794E+22	1,256808E+22	1,477087E+22	1,820336E+22
-1544	2,158792E+22	2,401763E+22	2,519916E+22	2,519910E+22	2,401748E+22	2,158781E+22	1,820325E+22	1,477091E+22	1,256832E+22	1,256819E+22	1,477049E+22	1,820259E+22
-1543	2,158718E+22	2,401741E+22	2,519971E+22	2,519971E+22	2,401764E+22	2,158772E+22	1,820322E+22	1,477110E+22	1,256869E+22	1,256862E+22	1,477101E+22	1,820342E+22
-1542	2,158842E+22	2,401854E+22	2,520031E+22	2,519995E+22	2,401755E+22	2,158734E+22	1,820274E+22	1,477072E+22	1,256860E+22	1,256887E+22	1,477131E+22	1,820316E+22
-1541	2,158733E+22	2,401696E+22	2,519876E+22	2,519919E+22	2,401772E+22	2,158796E+22	1,820343E+22	1,477129E+22	1,256888E+22	1,256876E+22	1,477094E+22	1,820282E+22
-1540	2,158729E+22	2,401760E+22	2,519983E+22	2,519996E+22	2,401812E+22	2,158806E+22	1,820324E+22	1,477103E+22	1,256871E+22	1,256875E+22	1,477129E+22	1,820375E+22
-1539	2,158837E+22	2,401802E+22	2,519966E+22	2,519954E+22	2,401764E+22	2,158775E+22	1,820314E+22	1,477090E+22	1,256849E+22	1,256848E+22	1,477078E+22	1,820284E+22
-1538	2,158731E+22	2,401692E+22	2,519868E+22	2,519906E+22	2,401758E+22	2,158797E+22	1,820355E+22	1,477129E+22	1,256864E+22	1,256838E+22	1,477059E+22	1,820276E+22
-1537	2,158774E+22	2,401835E+22	2,520031E+22	2,520000E+22	2,401776E+22	2,158757E+22	1,820289E+22	1,477071E+22	1,256827E+22	1,256830E+22	1,477090E+22	1,820327E+22
-1536	2,158776E+22	2,401765E+22	2,519953E+22	2,519948E+22	2,401763E+22	2,158770E+22	1,820297E+22	1,477058E+22	1,256802E+22	1,256795E+22	1,477031E+22	1,820245E+22
-1535	2,158696E+22	2,401703E+22	2,519947E+22	2,519985E+22	2,401797E+22	2,158785E+22	1,820295E+22	1,477044E+22	1,256780E+22	1,256776E+22	1,477041E+22	1,820314E+22
-1534	2,158839E+22	2,401860E+22	2,520033E+22	2,520021E+22	2,401801E+22	2,158757E+22	1,820242E+22	1,476979E+22	1,256726E+22	1,256756E+22	1,477052E+22	1,820310E+22
-1533	2,158776E+22	2,401754E+22	2,519909E+22	2,519925E+22	2,401780E+22	2,158797E+22	1,820303E+22	1,477024E+22	1,256732E+22	1,256715E+22	1,476978E+22	1,820239E+22
-1532	2,158738E+22	2,401794E+22	2,520022E+22	2,520017E+22	2,401815E+22	2,158795E+22	1,820286E+22	1,477015E+22	1,256733E+22	1,256723E+22	1,477001E+22	1,820308E+22
-1531	2,158846E+22	2,401868E+22	2,520055E+22	2,520030E+22	2,401794E+22	2,158757E+22	1,820256E+22	1,476995E+22	1,256731E+22	1,256737E+22	1,476999E+22	1,820243E+22
-1530	2,158729E+22	2,401720E+22	2,519905E+22	2,519951E+22	2,401792E+22	2,158793E+22	1,820308E+22	1,477051E+22	1,256776E+22	1,256763E+22	1,477011E+22	1,820240E+22
-1529	2,158733E+22	2,401806E+22	2,520032E+22	2,520027E+22	2,401819E+22	2,158786E+22	1,820284E+22	1,477038E+22	1,256785E+22	1,256795E+22	1,477075E+22	1,820338E+22
-1528	2,158795E+22	2,401770E+22	2,519950E+22	2,519950E+22	2,401773E+22	2,158783E+22	1,820304E+22	1,477060E+22	1,256809E+22	1,256813E+22	1,477056E+22	1,820272E+22
-1527	2,158713E+22	2,401681E+22	2,519883E+22	2,519918E+22	2,401757E+22	2,158784E+22	1,820335E+22	1,477113E+22	1,256860E+22	1,256845E+22	1,477079E+22	1,820315E+22
-1526	2,158822E+22	2,401846E+22	2,520008E+22	2,519972E+22	2,401751E+22	2,158742E+22	1,820288E+22	1,477087E+22	1,256870E+22	1,256891E+22	1,477140E+22	1,820344E+22
-1525	2,158774E+22	2,401739E+22	2,519892E+22	2,519879E+22	2,401709E+22	2,158751E+22	1,820333E+22	1,477147E+22	1,256921E+22	1,256910E+22	1,477111E+22	1,820276E+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	2,158691E+22	2,401701E+22	2,519938E+22	2,519957E+22	2,401767E+22	2,158773E+22	1,820331E+22	1,477154E+22	1,256943E+22	1,256939E+22	1,477155E+22	1,820361E+22
-1523	2,158819E+22	2,401803E+22	2,519985E+22	2,519976E+22	2,401763E+22	2,158752E+22	1,820303E+22	1,477122E+22	1,256929E+22	1,256952E+22	1,477174E+22	1,820341E+22
-1522	2,158740E+22	2,401669E+22	2,519818E+22	2,519852E+22	2,401729E+22	2,158787E+22	1,820367E+22	1,477178E+22	1,256952E+22	1,256940E+22	1,477139E+22	1,820303E+22
-1521	2,158726E+22	2,401743E+22	2,519956E+22	2,519948E+22	2,401759E+22	2,158779E+22	1,820349E+22	1,477166E+22	1,256943E+22	1,256934E+22	1,477156E+22	1,820373E+22
-1520	2,158817E+22	2,401776E+22	2,519940E+22	2,519922E+22	2,401729E+22	2,158757E+22	1,820330E+22	1,477145E+22	1,256928E+22	1,256923E+22	1,477121E+22	1,820282E+22
-1519	2,158697E+22	2,401664E+22	2,519861E+22	2,519893E+22	2,401732E+22	2,158767E+22	1,820346E+22	1,477159E+22	1,256925E+22	1,256905E+22	1,477108E+22	1,820293E+22
-1518	2,158761E+22	2,401805E+22	2,520009E+22	2,519989E+22	2,401774E+22	2,158754E+22	1,820288E+22	1,477088E+22	1,256874E+22	1,256896E+22	1,477147E+22	1,820355E+22
-1517	2,158769E+22	2,401727E+22	2,519903E+22	2,519901E+22	2,401733E+22	2,158763E+22	1,820313E+22	1,477094E+22	1,256855E+22	1,256854E+22	1,477081E+22	1,820278E+22
-1516	2,158700E+22	2,401677E+22	2,519905E+22	2,519950E+22	2,401785E+22	2,158789E+22	1,820314E+22	1,477083E+22	1,256831E+22	1,256822E+22	1,477068E+22	1,820326E+22
-1515	2,158841E+22	2,401849E+22	2,520010E+22	2,519993E+22	2,401786E+22	2,158760E+22	1,820269E+22	1,477031E+22	1,256791E+22	1,256807E+22	1,477070E+22	1,820310E+22
-1514	2,158777E+22	2,401750E+22	2,519887E+22	2,519874E+22	2,401728E+22	2,158769E+22	1,820313E+22	1,477073E+22	1,256806E+22	1,256788E+22	1,477021E+22	1,820241E+22
-1513	2,158709E+22	2,401763E+22	2,520009E+22	2,520000E+22	2,401781E+22	2,158765E+22	1,820297E+22	1,477073E+22	1,256815E+22	1,256801E+22	1,477049E+22	1,820311E+22
-1512	2,158808E+22	2,401808E+22	2,520007E+22	2,520004E+22	2,401785E+22	2,158756E+22	1,820272E+22	1,477046E+22	1,256814E+22	1,256827E+22	1,477066E+22	1,820267E+22
-1511	2,158704E+22	2,401674E+22	2,519865E+22	2,519906E+22	2,401761E+22	2,158781E+22	1,820319E+22	1,477091E+22	1,256842E+22	1,256836E+22	1,477070E+22	1,820279E+22
-1510	2,158743E+22	2,401778E+22	2,519986E+22	2,519976E+22	2,401784E+22	2,158778E+22	1,820303E+22	1,477081E+22	1,256851E+22	1,256869E+22	1,477128E+22	1,820361E+22
-1509	2,158799E+22	2,401753E+22	2,519907E+22	2,519883E+22	2,401710E+22	2,158755E+22	1,820326E+22	1,477125E+22	1,256897E+22	1,256894E+22	1,477107E+22	1,820288E+22
-1508	2,158704E+22	2,401667E+22	2,519867E+22	2,519893E+22	2,401729E+22	2,158763E+22	1,820343E+22	1,477167E+22	1,256945E+22	1,256926E+22	1,477123E+22	1,820316E+22
-1507	2,158796E+22	2,401813E+22	2,519992E+22	2,519969E+22	2,401750E+22	2,158737E+22	1,820302E+22	1,477141E+22	1,256956E+22	1,256974E+22	1,477190E+22	1,820358E+22
-1506	2,158760E+22	2,401705E+22	2,519853E+22	2,519842E+22	2,401687E+22	2,158743E+22	1,820343E+22	1,477190E+22	1,256996E+22	1,256995E+22	1,477179E+22	1,820307E+22
-1505	2,158677E+22	2,401660E+22	2,519901E+22	2,519925E+22	2,401740E+22	2,158766E+22	1,820361E+22	1,477212E+22	1,257014E+22	1,257006E+22	1,477201E+22	1,820379E+22
-1504	2,158806E+22	2,401758E+22	2,519930E+22	2,519933E+22	2,401745E+22	2,158761E+22	1,820340E+22	1,477186E+22	1,257007E+22	1,257024E+22	1,477220E+22	1,820354E+22
-1503	2,158729E+22	2,401655E+22	2,519798E+22	2,519806E+22	2,401685E+22	2,158770E+22	1,820383E+22	1,477227E+22	1,257020E+22	1,257003E+22	1,477177E+22	1,820313E+22
-1502	2,158719E+22	2,401725E+22	2,519938E+22	2,519917E+22	2,401722E+22	2,158759E+22	1,820357E+22	1,477205E+22	1,257010E+22	1,257009E+22	1,477203E+22	1,820373E+22
-1501	2,158789E+22	2,401737E+22	2,519905E+22	2,519886E+22	2,401692E+22	2,158729E+22	1,820334E+22	1,477190E+22	1,257002E+22	1,257004E+22	1,477183E+22	1,820305E+22
-1500	2,158681E+22	2,401622E+22	2,519818E+22	2,519869E+22	2,401726E+22	2,158759E+22	1,820342E+22	1,477183E+22	1,256978E+22	1,256965E+22	1,477155E+22	1,820318E+22
-1499	2,158757E+22	2,401767E+22	2,519962E+22	2,519956E+22	2,401764E+22	2,158760E+22	1,820306E+22	1,477121E+22	1,256921E+22	1,256941E+22	1,477180E+22	1,820383E+22
-1498	2,158792E+22	2,401719E+22	2,519863E+22	2,519841E+22	2,401684E+22	2,158743E+22	1,820323E+22	1,477129E+22	1,256904E+22	1,256901E+22	1,477115E+22	1,820294E+22
-1497	2,158707E+22	2,401678E+22	2,519898E+22	2,519917E+22	2,401733E+22	2,158760E+22	1,820333E+22	1,477137E+22	1,256892E+22	1,256869E+22	1,477085E+22	1,820312E+22
-1496	2,158816E+22	2,401826E+22	2,519999E+22	2,519980E+22	2,401768E+22	2,158751E+22	1,820288E+22	1,477085E+22	1,256868E+22	1,256879E+22	1,477108E+22	1,820297E+22
-1495	2,158736E+22	2,401722E+22	2,519885E+22	2,519866E+22	2,401712E+22	2,158754E+22	1,820315E+22	1,477110E+22	1,256873E+22	1,256862E+22	1,477073E+22	1,820252E+22
-1494	2,158684E+22	2,401714E+22	2,519973E+22	2,519981E+22	2,401778E+22	2,158772E+22	1,820312E+22	1,477107E+22	1,256881E+22	1,256883E+22	1,477111E+22	1,820330E+22
-1493	2,158786E+22	2,401752E+22	2,519943E+22	2,519948E+22	2,401751E+22	2,158754E+22	1,820303E+22	1,477106E+22	1,256894E+22	1,256909E+22	1,477132E+22	1,820304E+22
-1492	2,158705E+22	2,401636E+22	2,519805E+22	2,519856E+22	2,401735E+22	2,158775E+22	1,820341E+22	1,477148E+22	1,256920E+22	1,256909E+22	1,477116E+22	1,820298E+22
-1491	2,158747E+22	2,401762E+22	2,519951E+22	2,519931E+22	2,401748E+22	2,158768E+22	1,820330E+22	1,477147E+22	1,256939E+22	1,256945E+22	1,477172E+22	1,820376E+22
-1490	2,158803E+22	2,401744E+22	2,519884E+22	2,519833E+22	2,401647E+22	2,158714E+22	1,820330E+22	1,477179E+22	1,256985E+22	1,256988E+22	1,477173E+22	1,820306E+22
-1489	2,158684E+22	2,401638E+22	2,519854E+22	2,519879E+22	2,401694E+22	2,158732E+22	1,820352E+22	1,477222E+22	1,257029E+22	1,257013E+22	1,477184E+22	1,820332E+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	2,158768E+22	2,401761E+22	2,519948E+22	2,519948E+22	2,401748E+22	2,158746E+22	1,820322E+22	1,477190E+22	1,257036E+22	1,257063E+22	1,477258E+22	1,820383E+22
-1487	2,158743E+22	2,401670E+22	2,519819E+22	2,519802E+22	2,401662E+22	2,158741E+22	1,820363E+22	1,477231E+22	1,257057E+22	1,257060E+22	1,477230E+22	1,820337E+22
-1486	2,158687E+22	2,401637E+22	2,519860E+22	2,519884E+22	2,401714E+22	2,158767E+22	1,820387E+22	1,477259E+22	1,257079E+22	1,257072E+22	1,477240E+22	1,820383E+22
-1485	2,158796E+22	2,401736E+22	2,519891E+22	2,519876E+22	2,401690E+22	2,158740E+22	1,820366E+22	1,477250E+22	1,257088E+22	1,257096E+22	1,477261E+22	1,820358E+22
-1484	2,158708E+22	2,401624E+22	2,519772E+22	2,519785E+22	2,401661E+22	2,158748E+22	1,820390E+22	1,477275E+22	1,257094E+22	1,257073E+22	1,477216E+22	1,820313E+22
-1483	2,158692E+22	2,401687E+22	2,519909E+22	2,519904E+22	2,401713E+22	2,158753E+22	1,820367E+22	1,477246E+22	1,257076E+22	1,257075E+22	1,477250E+22	1,820393E+22
-1482	2,158781E+22	2,401703E+22	2,519859E+22	2,519838E+22	2,401654E+22	2,158711E+22	1,820337E+22	1,477218E+22	1,257056E+22	1,257070E+22	1,477243E+22	1,820340E+22
-1481	2,158682E+22	2,401597E+22	2,519788E+22	2,519836E+22	2,401690E+22	2,158745E+22	1,820361E+22	1,477222E+22	1,257025E+22	1,257012E+22	1,477189E+22	1,820335E+22
-1480	2,158760E+22	2,401747E+22	2,519925E+22	2,519922E+22	2,401744E+22	2,158760E+22	1,820329E+22	1,477167E+22	1,256981E+22	1,256995E+22	1,477211E+22	1,820384E+22
-1479	2,158784E+22	2,401725E+22	2,519865E+22	2,519813E+22	2,401645E+22	2,158722E+22	1,820331E+22	1,477167E+22	1,256959E+22	1,256952E+22	1,477142E+22	1,820294E+22
-1478	2,158695E+22	2,401664E+22	2,519896E+22	2,519911E+22	2,401713E+22	2,158744E+22	1,820339E+22	1,477174E+22	1,256958E+22	1,256941E+22	1,477125E+22	1,820300E+22
-1477	2,158772E+22	2,401775E+22	2,519963E+22	2,519958E+22	2,401748E+22	2,158739E+22	1,820302E+22	1,477137E+22	1,256947E+22	1,256963E+22	1,477171E+22	1,820317E+22
-1476	2,158707E+22	2,401661E+22	2,519828E+22	2,519843E+22	2,401712E+22	2,158759E+22	1,820330E+22	1,477151E+22	1,256941E+22	1,256936E+22	1,477132E+22	1,820281E+22
-1475	2,158677E+22	2,401666E+22	2,519906E+22	2,519930E+22	2,401756E+22	2,158782E+22	1,820346E+22	1,477162E+22	1,256950E+22	1,256949E+22	1,477163E+22	1,820365E+22
-1474	2,158803E+22	2,401733E+22	2,519886E+22	2,519868E+22	2,401683E+22	2,158726E+22	1,820320E+22	1,477161E+22	1,256970E+22	1,256985E+22	1,477190E+22	1,820333E+22
-1473	2,158715E+22	2,401633E+22	2,519789E+22	2,519812E+22	2,401668E+22	2,158735E+22	1,820357E+22	1,477210E+22	1,257002E+22	1,256983E+22	1,477158E+22	1,820302E+22
-1472	2,158731E+22	2,401739E+22	2,519932E+22	2,519914E+22	2,401721E+22	2,158747E+22	1,820341E+22	1,477204E+22	1,257029E+22	1,257037E+22	1,477230E+22	1,820381E+22
-1471	2,158775E+22	2,401725E+22	2,519882E+22	2,519825E+22	2,401630E+22	2,158695E+22	1,820330E+22	1,477217E+22	1,257057E+22	1,257069E+22	1,477237E+22	1,820332E+22
-1470	2,158673E+22	2,401602E+22	2,519823E+22	2,519860E+22	2,401688E+22	2,158739E+22	1,820369E+22	1,477261E+22	1,257097E+22	1,257093E+22	1,477242E+22	1,820347E+22
-1469	2,158746E+22	2,401712E+22	2,519891E+22	2,519901E+22	2,401722E+22	2,158752E+22	1,820363E+22	1,477257E+22	1,257115E+22	1,257138E+22	1,477312E+22	1,820408E+22
-1468	2,158739E+22	2,401634E+22	2,519765E+22	2,519763E+22	2,401643E+22	2,158741E+22	1,820392E+22	1,477293E+22	1,257134E+22	1,257126E+22	1,477265E+22	1,820342E+22
-1467	2,158677E+22	2,401612E+22	2,519817E+22	2,519837E+22	2,401678E+22	2,158762E+22	1,820419E+22	1,477326E+22	1,257163E+22	1,257142E+22	1,477278E+22	1,820387E+22
-1466	2,158778E+22	2,401711E+22	2,519857E+22	2,519828E+22	2,401630E+22	2,158697E+22	1,820368E+22	1,477301E+22	1,257170E+22	1,257182E+22	1,477324E+22	1,820378E+22
-1465	2,158686E+22	2,401589E+22	2,519746E+22	2,519762E+22	2,401620E+22	2,158712E+22	1,820390E+22	1,477315E+22	1,257161E+22	1,257146E+22	1,477272E+22	1,820333E+22
-1464	2,158674E+22	2,401643E+22	2,519861E+22	2,519874E+22	2,401698E+22	2,158749E+22	1,820377E+22	1,477280E+22	1,257135E+22	1,257143E+22	1,477307E+22	1,820419E+22
-1463	2,158779E+22	2,401693E+22	2,519836E+22	2,519802E+22	2,401620E+22	2,158695E+22	1,820341E+22	1,477241E+22	1,257094E+22	1,257113E+22	1,477280E+22	1,820367E+22
-1462	2,158699E+22	2,401597E+22	2,519770E+22	2,519809E+22	2,401665E+22	2,158736E+22	1,820371E+22	1,477252E+22	1,257073E+22	1,257058E+22	1,477210E+22	1,820327E+22
-1461	2,158744E+22	2,401735E+22	2,519908E+22	2,519894E+22	2,401711E+22	2,158747E+22	1,820350E+22	1,477220E+22	1,257049E+22	1,257054E+22	1,477241E+22	1,820378E+22
-1460	2,158755E+22	2,401692E+22	2,519847E+22	2,519820E+22	2,401648E+22	2,158715E+22	1,820341E+22	1,477210E+22	1,257026E+22	1,257016E+22	1,477177E+22	1,820289E+22
-1459	2,158661E+22	2,401618E+22	2,519855E+22	2,519899E+22	2,401719E+22	2,158757E+22	1,820365E+22	1,477223E+22	1,257027E+22	1,257009E+22	1,477178E+22	1,820320E+22
-1458	2,158749E+22	2,401725E+22	2,519902E+22	2,519905E+22	2,401711E+22	2,158729E+22	1,820321E+22	1,477183E+22	1,257016E+22	1,257040E+22	1,477240E+22	1,820357E+22
-1457	2,158705E+22	2,401623E+22	2,519777E+22	2,519793E+22	2,401663E+22	2,158743E+22	1,820360E+22	1,477209E+22	1,257011E+22	1,257004E+22	1,477182E+22	1,820309E+22
-1456	2,158683E+22	2,401646E+22	2,519855E+22	2,519875E+22	2,401713E+22	2,158770E+22	1,820372E+22	1,477224E+22	1,257033E+22	1,257028E+22	1,477214E+22	1,820378E+22
-1455	2,158801E+22	2,401743E+22	2,519877E+22	2,519822E+22	2,401623E+22	2,158688E+22	1,820324E+22	1,477207E+22	1,257045E+22	1,257060E+22	1,477239E+22	1,820349E+22
-1454	2,158710E+22	2,401626E+22	2,519786E+22	2,519804E+22	2,401641E+22	2,158706E+22	1,820353E+22	1,477250E+22	1,257082E+22	1,257071E+22	1,477213E+22	1,820305E+22
-1453	2,158698E+22	2,401697E+22	2,519898E+22	2,519894E+22	2,401703E+22	2,158733E+22	1,820353E+22	1,477255E+22	1,257112E+22	1,257126E+22	1,477298E+22	1,820407E+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	2,158752E+22	2,401668E+22	2,519828E+22	2,519810E+22	2,401635E+22	2,158703E+22	1,820350E+22	1,477263E+22	1,257127E+22	1,257141E+22	1,477289E+22	1,820355E+22
-1451	2,158666E+22	2,401563E+22	2,519764E+22	2,519818E+22	2,401673E+22	2,158756E+22	1,820414E+22	1,477326E+22	1,257171E+22	1,257157E+22	1,477287E+22	1,820368E+22
-1450	2,158740E+22	2,401685E+22	2,519838E+22	2,519829E+22	2,401658E+22	2,158728E+22	1,820390E+22	1,477324E+22	1,257200E+22	1,257215E+22	1,477361E+22	1,820422E+22
-1449	2,158727E+22	2,401616E+22	2,519741E+22	2,519721E+22	2,401582E+22	2,158709E+22	1,820416E+22	1,477359E+22	1,257220E+22	1,257204E+22	1,477307E+22	1,820341E+22
-1448	2,158650E+22	2,401577E+22	2,519783E+22	2,519811E+22	2,401650E+22	2,158740E+22	1,820428E+22	1,477379E+22	1,257249E+22	1,257232E+22	1,477338E+22	1,820393E+22
-1447	2,158749E+22	2,401687E+22	2,519835E+22	2,519801E+22	2,401603E+22	2,158674E+22	1,820360E+22	1,477326E+22	1,257228E+22	1,257252E+22	1,477386E+22	1,820413E+22
-1446	2,158685E+22	2,401563E+22	2,519716E+22	2,519742E+22	2,401607E+22	2,158705E+22	1,820390E+22	1,477337E+22	1,257211E+22	1,257207E+22	1,477319E+22	1,820356E+22
-1445	2,158668E+22	2,401613E+22	2,519817E+22	2,519836E+22	2,401672E+22	2,158743E+22	1,820399E+22	1,477325E+22	1,257191E+22	1,257196E+22	1,477346E+22	1,820443E+22
-1444	2,158784E+22	2,401674E+22	2,519804E+22	2,519785E+22	2,401612E+22	2,158693E+22	1,820359E+22	1,477283E+22	1,257148E+22	1,257157E+22	1,477299E+22	1,820365E+22
-1443	2,158692E+22	2,401591E+22	2,519753E+22	2,519787E+22	2,401645E+22	2,158737E+22	1,820401E+22	1,477307E+22	1,257138E+22	1,257111E+22	1,477238E+22	1,820323E+22
-1442	2,158710E+22	2,401704E+22	2,519882E+22	2,519864E+22	2,401673E+22	2,158720E+22	1,820359E+22	1,477269E+22	1,257123E+22	1,257130E+22	1,477294E+22	1,820391E+22
-1441	2,158726E+22	2,401648E+22	2,519810E+22	2,519795E+22	2,401623E+22	2,158702E+22	1,820357E+22	1,477255E+22	1,257094E+22	1,257088E+22	1,477231E+22	1,820310E+22
-1440	2,158642E+22	2,401565E+22	2,519785E+22	2,519851E+22	2,401700E+22	2,158760E+22	1,820388E+22	1,477270E+22	1,257097E+22	1,257085E+22	1,477238E+22	1,820350E+22
-1439	2,158749E+22	2,401711E+22	2,519860E+22	2,519846E+22	2,401660E+22	2,158706E+22	1,820332E+22	1,477222E+22	1,257073E+22	1,257099E+22	1,477288E+22	1,820394E+22
-1438	2,158726E+22	2,401627E+22	2,519753E+22	2,519749E+22	2,401613E+22	2,158710E+22	1,820361E+22	1,477251E+22	1,257080E+22	1,257070E+22	1,477217E+22	1,820310E+22
-1437	2,158668E+22	2,401635E+22	2,519840E+22	2,519842E+22	2,401665E+22	2,158736E+22	1,820383E+22	1,477281E+22	1,257117E+22	1,257106E+22	1,477262E+22	1,820386E+22
-1436	2,158777E+22	2,401714E+22	2,519863E+22	2,519833E+22	2,401622E+22	2,158670E+22	1,820325E+22	1,477250E+22	1,257120E+22	1,257137E+22	1,477286E+22	1,820354E+22
-1435	2,158682E+22	2,401589E+22	2,519752E+22	2,519793E+22	2,401646E+22	2,158721E+22	1,820381E+22	1,477303E+22	1,257157E+22	1,257146E+22	1,477271E+22	1,820327E+22
-1434	2,158670E+22	2,401645E+22	2,519842E+22	2,519849E+22	2,401675E+22	2,158732E+22	1,820382E+22	1,477314E+22	1,257193E+22	1,257208E+22	1,477362E+22	1,820440E+22
-1433	2,158745E+22	2,401628E+22	2,519774E+22	2,519762E+22	2,401598E+22	2,158700E+22	1,820392E+22	1,477333E+22	1,257210E+22	1,257216E+22	1,477335E+22	1,820371E+22
-1432	2,158657E+22	2,401533E+22	2,519705E+22	2,519758E+22	2,401636E+22	2,158751E+22	1,820450E+22	1,477400E+22	1,257267E+22	1,257245E+22	1,477339E+22	1,820373E+22
-1431	2,158720E+22	2,401676E+22	2,519818E+22	2,519781E+22	2,401597E+22	2,158690E+22	1,820397E+22	1,477376E+22	1,257283E+22	1,257298E+22	1,477418E+22	1,820441E+22
-1430	2,158713E+22	2,401593E+22	2,519723E+22	2,519702E+22	2,401549E+22	2,158672E+22	1,820405E+22	1,477397E+22	1,257301E+22	1,257293E+22	1,477368E+22	1,820355E+22
-1429	2,158620E+22	2,401532E+22	2,519740E+22	2,519779E+22	2,401626E+22	2,158722E+22	1,820431E+22	1,477418E+22	1,257320E+22	1,257313E+22	1,477406E+22	1,820433E+22
-1428	2,158743E+22	2,401643E+22	2,519786E+22	2,519781E+22	2,401601E+22	2,158674E+22	1,820369E+22	1,477355E+22	1,257277E+22	1,257305E+22	1,477426E+22	1,820441E+22
-1427	2,158698E+22	2,401552E+22	2,519678E+22	2,519706E+22	2,401593E+22	2,158716E+22	1,820422E+22	1,477382E+22	1,257259E+22	1,257245E+22	1,477346E+22	1,820373E+22
-1426	2,158670E+22	2,401606E+22	2,519790E+22	2,519787E+22	2,401624E+22	2,158721E+22	1,820416E+22	1,477375E+22	1,257254E+22	1,257247E+22	1,477373E+22	1,820446E+22
-1425	2,158771E+22	2,401662E+22	2,519798E+22	2,519767E+22	2,401579E+22	2,158675E+22	1,820381E+22	1,477336E+22	1,257216E+22	1,257215E+22	1,477323E+22	1,820353E+22
-1424	2,158658E+22	2,401558E+22	2,519725E+22	2,519774E+22	2,401639E+22	2,158734E+22	1,820418E+22	1,477357E+22	1,257213E+22	1,257189E+22	1,477288E+22	1,820322E+22
-1423	2,158671E+22	2,401669E+22	2,519849E+22	2,519831E+22	2,401649E+22	2,158708E+22	1,820364E+22	1,477300E+22	1,257180E+22	1,257196E+22	1,477350E+22	1,820421E+22
-1422	2,158717E+22	2,401614E+22	2,519769E+22	2,519761E+22	2,401602E+22	2,158693E+22	1,820363E+22	1,477290E+22	1,257156E+22	1,257155E+22	1,477279E+22	1,820333E+22
-1421	2,158636E+22	2,401534E+22	2,519732E+22	2,519793E+22	2,401658E+22	2,158743E+22	1,820407E+22	1,477323E+22	1,257167E+22	1,257151E+22	1,477286E+22	1,820378E+22
-1420	2,158753E+22	2,401689E+22	2,519822E+22	2,519813E+22	2,401631E+22	2,158686E+22	1,820342E+22	1,477269E+22	1,257141E+22	1,257160E+22	1,477320E+22	1,820401E+22
-1419	2,158723E+22	2,401624E+22	2,519744E+22	2,519728E+22	2,401585E+22	2,158694E+22	1,820378E+22	1,477305E+22	1,257154E+22	1,257139E+22	1,477263E+22	1,820319E+22
-1418	2,158639E+22	2,401603E+22	2,519817E+22	2,519817E+22	2,401630E+22	2,158702E+22	1,820382E+22	1,477330E+22	1,257200E+22	1,257194E+22	1,477326E+22	1,820408E+22
-1417	2,158752E+22	2,401668E+22	2,519826E+22	2,519810E+22	2,401608E+22	2,158669E+22	1,820347E+22	1,477299E+22	1,257197E+22	1,257219E+22	1,477346E+22	1,820377E+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	2,158664E+22	2,401541E+22	2,519689E+22	2,519746E+22	2,401633E+22	2,158734E+22	1,820417E+22	1,477364E+22	1,257240E+22	1,257231E+22	1,477331E+22	1,820349E+22
-1415	2,158660E+22	2,401622E+22	2,519794E+22	2,519786E+22	2,401628E+22	2,158717E+22	1,820406E+22	1,477372E+22	1,257269E+22	1,257280E+22	1,477411E+22	1,820464E+22
-1414	2,158749E+22	2,401618E+22	2,519744E+22	2,519716E+22	2,401553E+22	2,158674E+22	1,820402E+22	1,477393E+22	1,257301E+22	1,257298E+22	1,477378E+22	1,820371E+22
-1413	2,158633E+22	2,401505E+22	2,519673E+22	2,519715E+22	2,401588E+22	2,158720E+22	1,820464E+22	1,477464E+22	1,257360E+22	1,257336E+22	1,477399E+22	1,820390E+22
-1412	2,158695E+22	2,401629E+22	2,519786E+22	2,519774E+22	2,401589E+22	2,158671E+22	1,820398E+22	1,477418E+22	1,257357E+22	1,257376E+22	1,477473E+22	1,820461E+22
-1411	2,158699E+22	2,401561E+22	2,519689E+22	2,519679E+22	2,401541E+22	2,158677E+22	1,820424E+22	1,477439E+22	1,257361E+22	1,257359E+22	1,477427E+22	1,820389E+22
-1410	2,158609E+22	2,401494E+22	2,519696E+22	2,519734E+22	2,401591E+22	2,158708E+22	1,820447E+22	1,477462E+22	1,257382E+22	1,257377E+22	1,477458E+22	1,820468E+22
-1409	2,158754E+22	2,401626E+22	2,519751E+22	2,519740E+22	2,401572E+22	2,158672E+22	1,820400E+22	1,477406E+22	1,257337E+22	1,257357E+22	1,477453E+22	1,820446E+22
-1408	2,158696E+22	2,401543E+22	2,519648E+22	2,519664E+22	2,401567E+22	2,158715E+22	1,820451E+22	1,477440E+22	1,257334E+22	1,257310E+22	1,477375E+22	1,820361E+22
-1407	2,158646E+22	2,401602E+22	2,519787E+22	2,519762E+22	2,401584E+22	2,158693E+22	1,820421E+22	1,477417E+22	1,257319E+22	1,257311E+22	1,477410E+22	1,820449E+22
-1406	2,158746E+22	2,401633E+22	2,519783E+22	2,519760E+22	2,401564E+22	2,158648E+22	1,820369E+22	1,477369E+22	1,257286E+22	1,257289E+22	1,477369E+22	1,820356E+22
-1405	2,158618E+22	2,401500E+22	2,519672E+22	2,519734E+22	2,401620E+22	2,158726E+22	1,820428E+22	1,477396E+22	1,257278E+22	1,257262E+22	1,477350E+22	1,820358E+22
-1404	2,158660E+22	2,401611E+22	2,519792E+22	2,519800E+22	2,401637E+22	2,158705E+22	1,820376E+22	1,477333E+22	1,257230E+22	1,257250E+22	1,477390E+22	1,820448E+22
-1403	2,158728E+22	2,401600E+22	2,519728E+22	2,519710E+22	2,401568E+22	2,158688E+22	1,820389E+22	1,477337E+22	1,257211E+22	1,257206E+22	1,477318E+22	1,820354E+22
-1402	2,158636E+22	2,401524E+22	2,519707E+22	2,519741E+22	2,401598E+22	2,158706E+22	1,820413E+22	1,477372E+22	1,257240E+22	1,257220E+22	1,477327E+22	1,820391E+22
-1401	2,158748E+22	2,401678E+22	2,519815E+22	2,519790E+22	2,401596E+22	2,158664E+22	1,820354E+22	1,477318E+22	1,257217E+22	1,257233E+22	1,477360E+22	1,820400E+22
-1400	2,158697E+22	2,401593E+22	2,519718E+22	2,519714E+22	2,401583E+22	2,158694E+22	1,820394E+22	1,477355E+22	1,257236E+22	1,257227E+22	1,477321E+22	1,820327E+22
-1399	2,158610E+22	2,401570E+22	2,519785E+22	2,519787E+22	2,401612E+22	2,158698E+22	1,820396E+22	1,477370E+22	1,257267E+22	1,257269E+22	1,477385E+22	1,820439E+22
-1398	2,158746E+22	2,401630E+22	2,519784E+22	2,519778E+22	2,401592E+22	2,158666E+22	1,820365E+22	1,477353E+22	1,257277E+22	1,257296E+22	1,477396E+22	1,820395E+22
-1397	2,158651E+22	2,401502E+22	2,519633E+22	2,519685E+22	2,401595E+22	2,158730E+22	1,820454E+22	1,477437E+22	1,257331E+22	1,257315E+22	1,477388E+22	1,820373E+22
-1396	2,158652E+22	2,401584E+22	2,519752E+22	2,519746E+22	2,401593E+22	2,158703E+22	1,820430E+22	1,477435E+22	1,257356E+22	1,257360E+22	1,477453E+22	1,820469E+22
-1395	2,158735E+22	2,401601E+22	2,519724E+22	2,519684E+22	2,401517E+22	2,158656E+22	1,820423E+22	1,477456E+22	1,257388E+22	1,257386E+22	1,477441E+22	1,820390E+22
-1394	2,158605E+22	2,401462E+22	2,519637E+22	2,519678E+22	2,401545E+22	2,158682E+22	1,820460E+22	1,477512E+22	1,257447E+22	1,257430E+22	1,477472E+22	1,820427E+22
-1393	2,158685E+22	2,401585E+22	2,519740E+22	2,519734E+22	2,401565E+22	2,158667E+22	1,820414E+22	1,477459E+22	1,257425E+22	1,257452E+22	1,477530E+22	1,820492E+22
-1392	2,158702E+22	2,401532E+22	2,519644E+22	2,519636E+22	2,401522E+22	2,158682E+22	1,820450E+22	1,477487E+22	1,257427E+22	1,257427E+22	1,477474E+22	1,820408E+22
-1391	2,158617E+22	2,401495E+22	2,519671E+22	2,519684E+22	2,401543E+22	2,158687E+22	1,820459E+22	1,477502E+22	1,257436E+22	1,257426E+22	1,477486E+22	1,820477E+22
-1390	2,158756E+22	2,401627E+22	2,519747E+22	2,519719E+22	2,401542E+22	2,158649E+22	1,820403E+22	1,477451E+22	1,257408E+22	1,257417E+22	1,477475E+22	1,820428E+22
-1389	2,158661E+22	2,401516E+22	2,519636E+22	2,519646E+22	2,401543E+22	2,158699E+22	1,820462E+22	1,477489E+22	1,257407E+22	1,257383E+22	1,477419E+22	1,820362E+22
-1388	2,158606E+22	2,401537E+22	2,519751E+22	2,519760E+22	2,401589E+22	2,158690E+22	1,820427E+22	1,477450E+22	1,257378E+22	1,257374E+22	1,477451E+22	1,820455E+22
-1387	2,158721E+22	2,401588E+22	2,519742E+22	2,519733E+22	2,401560E+22	2,158663E+22	1,820394E+22	1,477407E+22	1,257337E+22	1,257348E+22	1,477425E+22	1,820388E+22
-1386	2,158607E+22	2,401453E+22	2,519616E+22	2,519676E+22	2,401575E+22	2,158708E+22	1,820442E+22	1,477439E+22	1,257339E+22	1,257325E+22	1,477402E+22	1,820396E+22
-1385	2,158678E+22	2,401591E+22	2,519745E+22	2,519738E+22	2,401593E+22	2,158697E+22	1,820401E+22	1,477381E+22	1,257293E+22	1,257307E+22	1,477424E+22	1,820460E+22
-1384	2,158736E+22	2,401597E+22	2,519706E+22	2,519665E+22	2,401527E+22	2,158673E+22	1,820407E+22	1,477390E+22	1,257287E+22	1,257279E+22	1,477358E+22	1,820353E+22
-1383	2,158623E+22	2,401523E+22	2,519706E+22	2,519716E+22	2,401553E+22	2,158667E+22	1,820407E+22	1,477409E+22	1,257308E+22	1,257293E+22	1,477376E+22	1,820402E+22
-1382	2,158731E+22	2,401652E+22	2,519803E+22	2,519786E+22	2,401588E+22	2,158643E+22	1,820344E+22	1,477355E+22	1,257293E+22	1,257313E+22	1,477413E+22	1,820409E+22
-1381	2,158667E+22	2,401541E+22	2,519672E+22	2,519679E+22	2,401571E+22	2,158699E+22	1,820416E+22	1,477404E+22	1,257312E+22	1,257308E+22	1,477385E+22	1,820361E+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	2,158600E+22	2,401510E+22	2,519729E+22	2,519755E+22	2,401600E+22	2,158706E+22	1,820427E+22	1,477424E+22	1,257336E+22	1,257335E+22	1,477427E+22	1,820455E+22
-1379	2,158747E+22	2,401612E+22	2,519745E+22	2,519728E+22	2,401557E+22	2,158668E+22	1,820406E+22	1,477422E+22	1,257355E+22	1,257367E+22	1,477444E+22	1,820409E+22
-1378	2,158634E+22	2,401474E+22	2,519601E+22	2,519627E+22	2,401529E+22	2,158694E+22	1,820471E+22	1,477507E+22	1,257429E+22	1,257407E+22	1,477445E+22	1,820389E+22
-1377	2,158639E+22	2,401553E+22	2,519723E+22	2,519708E+22	2,401554E+22	2,158684E+22	1,820447E+22	1,477494E+22	1,257449E+22	1,257454E+22	1,477512E+22	1,820477E+22
-1376	2,158711E+22	2,401561E+22	2,519685E+22	2,519652E+22	2,401499E+22	2,158648E+22	1,820438E+22	1,477508E+22	1,257476E+22	1,257482E+22	1,477510E+22	1,820410E+22
-1375	2,158592E+22	2,401434E+22	2,519603E+22	2,519640E+22	2,401514E+22	2,158666E+22	1,820464E+22	1,477546E+22	1,257510E+22	1,257503E+22	1,477534E+22	1,820465E+22
-1374	2,158696E+22	2,401565E+22	2,519708E+22	2,519704E+22	2,401541E+22	2,158650E+22	1,820419E+22	1,477502E+22	1,257493E+22	1,257515E+22	1,477569E+22	1,820505E+22
-1373	2,158696E+22	2,401509E+22	2,519606E+22	2,519592E+22	2,401492E+22	2,158678E+22	1,820476E+22	1,477542E+22	1,257499E+22	1,257491E+22	1,477513E+22	1,820419E+22
-1372	2,158605E+22	2,401464E+22	2,519653E+22	2,519671E+22	2,401523E+22	2,158678E+22	1,820477E+22	1,477550E+22	1,257501E+22	1,257484E+22	1,477511E+22	1,820464E+22
-1371	2,158730E+22	2,401605E+22	2,519736E+22	2,519708E+22	2,401525E+22	2,158643E+22	1,820423E+22	1,477498E+22	1,257471E+22	1,257483E+22	1,477524E+22	1,820433E+22
-1370	2,158618E+22	2,401459E+22	2,519594E+22	2,519614E+22	2,401514E+22	2,158679E+22	1,820466E+22	1,477529E+22	1,257476E+22	1,257460E+22	1,477482E+22	1,820394E+22
-1369	2,158596E+22	2,401483E+22	2,519687E+22	2,519706E+22	2,401566E+22	2,158699E+22	1,820448E+22	1,477485E+22	1,257434E+22	1,257437E+22	1,477501E+22	1,820480E+22
-1368	2,158724E+22	2,401557E+22	2,519685E+22	2,519675E+22	2,401526E+22	2,158662E+22	1,820420E+22	1,477454E+22	1,257397E+22	1,257408E+22	1,477467E+22	1,820407E+22
-1367	2,158624E+22	2,401458E+22	2,519589E+22	2,519621E+22	2,401514E+22	2,158672E+22	1,820443E+22	1,477474E+22	1,257392E+22	1,257375E+22	1,477434E+22	1,820411E+22
-1366	2,158690E+22	2,401600E+22	2,519747E+22	2,519718E+22	2,401550E+22	2,158655E+22	1,820392E+22	1,477422E+22	1,257363E+22	1,257369E+22	1,477452E+22	1,820450E+22
-1365	2,158710E+22	2,401576E+22	2,519701E+22	2,519657E+22	2,401508E+22	2,158656E+22	1,820414E+22	1,477434E+22	1,257359E+22	1,257355E+22	1,477410E+22	1,820362E+22
-1364	2,158592E+22	2,401472E+22	2,519685E+22	2,519723E+22	2,401560E+22	2,158672E+22	1,820419E+22	1,477444E+22	1,257369E+22	1,257358E+22	1,477420E+22	1,820408E+22
-1363	2,158708E+22	2,401615E+22	2,519770E+22	2,519766E+22	2,401588E+22	2,158666E+22	1,820383E+22	1,477406E+22	1,257355E+22	1,257381E+22	1,477470E+22	1,820434E+22
-1362	2,158649E+22	2,401490E+22	2,519615E+22	2,519627E+22	2,401532E+22	2,158693E+22	1,820448E+22	1,477471E+22	1,257396E+22	1,257389E+22	1,477443E+22	1,820392E+22
-1361	2,158605E+22	2,401474E+22	2,519665E+22	2,519686E+22	2,401558E+22	2,158710E+22	1,820468E+22	1,477496E+22	1,257428E+22	1,257418E+22	1,477474E+22	1,820461E+22
-1360	2,158735E+22	2,401590E+22	2,519712E+22	2,519677E+22	2,401509E+22	2,158651E+22	1,820436E+22	1,477497E+22	1,257458E+22	1,257466E+22	1,477504E+22	1,820417E+22
-1359	2,158618E+22	2,401455E+22	2,519578E+22	2,519589E+22	2,401469E+22	2,158643E+22	1,820462E+22	1,477554E+22	1,257515E+22	1,257502E+22	1,477515E+22	1,820416E+22
-1358	2,158626E+22	2,401518E+22	2,519691E+22	2,519685E+22	2,401525E+22	2,158649E+22	1,820433E+22	1,477534E+22	1,257532E+22	1,257543E+22	1,477579E+22	1,820503E+22
-1357	2,158695E+22	2,401518E+22	2,519637E+22	2,519613E+22	2,401476E+22	2,158644E+22	1,820452E+22	1,477549E+22	1,257544E+22	1,257561E+22	1,477577E+22	1,820450E+22
-1356	2,158593E+22	2,401395E+22	2,519560E+22	2,519611E+22	2,401493E+22	2,158664E+22	1,820484E+22	1,477587E+22	1,257565E+22	1,257555E+22	1,477566E+22	1,820476E+22
-1355	2,158700E+22	2,401563E+22	2,519689E+22	2,519672E+22	2,401517E+22	2,158654E+22	1,820453E+22	1,477556E+22	1,257553E+22	1,257569E+22	1,477603E+22	1,820506E+22
-1354	2,158673E+22	2,401484E+22	2,519587E+22	2,519562E+22	2,401448E+22	2,158652E+22	1,820492E+22	1,477599E+22	1,257578E+22	1,257563E+22	1,477553E+22	1,820422E+22
-1353	2,158582E+22	2,401425E+22	2,519616E+22	2,519644E+22	2,401508E+22	2,158679E+22	1,820498E+22	1,477599E+22	1,257574E+22	1,257556E+22	1,477554E+22	1,820459E+22
-1352	2,158693E+22	2,401558E+22	2,519694E+22	2,519680E+22	2,401515E+22	2,158648E+22	1,820446E+22	1,477546E+22	1,257541E+22	1,257558E+22	1,477578E+22	1,820449E+22
-1351	2,158605E+22	2,401424E+22	2,519547E+22	2,519567E+22	2,401472E+22	2,158659E+22	1,820473E+22	1,477561E+22	1,257528E+22	1,257519E+22	1,477535E+22	1,820430E+22
-1350	2,158609E+22	2,401466E+22	2,519645E+22	2,519663E+22	2,401526E+22	2,158672E+22	1,820453E+22	1,477527E+22	1,257495E+22	1,257492E+22	1,477536E+22	1,820494E+22
-1349	2,158728E+22	2,401548E+22	2,519652E+22	2,519627E+22	2,401483E+22	2,158645E+22	1,820436E+22	1,477501E+22	1,257463E+22	1,257469E+22	1,477507E+22	1,820421E+22
-1348	2,158619E+22	2,401446E+22	2,519587E+22	2,519614E+22	2,401485E+22	2,158649E+22	1,820448E+22	1,477511E+22	1,257451E+22	1,257431E+22	1,477463E+22	1,820405E+22
-1347	2,158670E+22	2,401589E+22	2,519749E+22	2,519723E+22	2,401541E+22	2,158645E+22	1,820402E+22	1,477461E+22	1,257423E+22	1,257436E+22	1,477506E+22	1,820458E+22
-1346	2,158670E+22	2,401523E+22	2,519665E+22	2,519641E+22	2,401493E+22	2,158646E+22	1,820422E+22	1,477476E+22	1,257430E+22	1,257433E+22	1,477473E+22	1,820394E+22
-1345	2,158584E+22	2,401421E+22	2,519620E+22	2,519676E+22	2,401549E+22	2,158695E+22	1,820455E+22	1,477495E+22	1,257438E+22	1,257430E+22	1,477472E+22	1,820425E+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	2,158697E+22	2,401579E+22	2,519711E+22	2,519708E+22	2,401555E+22	2,158673E+22	1,820427E+22	1,477476E+22	1,257438E+22	1,257457E+22	1,477516E+22	1,820447E+22
-1343	2,158650E+22	2,401478E+22	2,519576E+22	2,519566E+22	2,401467E+22	2,158658E+22	1,820463E+22	1,477530E+22	1,257480E+22	1,257468E+22	1,477494E+22	1,820409E+22
-1342	2,158604E+22	2,401464E+22	2,519642E+22	2,519650E+22	2,401504E+22	2,158661E+22	1,820466E+22	1,477556E+22	1,257524E+22	1,257507E+22	1,477526E+22	1,820462E+22
-1341	2,158703E+22	2,401551E+22	2,519676E+22	2,519648E+22	2,401478E+22	2,158627E+22	1,820441E+22	1,477549E+22	1,257547E+22	1,257563E+22	1,477579E+22	1,820445E+22
-1340	2,158594E+22	2,401404E+22	2,519546E+22	2,519579E+22	2,401459E+22	2,158634E+22	1,820468E+22	1,477589E+22	1,257580E+22	1,257576E+22	1,477574E+22	1,820443E+22
-1339	2,158621E+22	2,401492E+22	2,519660E+22	2,519660E+22	2,401510E+22	2,158654E+22	1,820460E+22	1,477579E+22	1,257590E+22	1,257610E+22	1,477639E+22	1,820533E+22
-1338	2,158688E+22	2,401483E+22	2,519591E+22	2,519570E+22	2,401440E+22	2,158634E+22	1,820478E+22	1,477608E+22	1,257620E+22	1,257630E+22	1,477625E+22	1,820476E+22
-1337	2,158603E+22	2,401380E+22	2,519516E+22	2,519557E+22	2,401464E+22	2,158674E+22	1,820522E+22	1,477650E+22	1,257643E+22	1,257623E+22	1,477597E+22	1,820464E+22
-1336	2,158674E+22	2,401545E+22	2,519670E+22	2,519642E+22	2,401484E+22	2,158647E+22	1,820485E+22	1,477626E+22	1,257642E+22	1,257648E+22	1,477643E+22	1,820499E+22
-1335	2,158644E+22	2,401454E+22	2,519561E+22	2,519538E+22	2,401411E+22	2,158617E+22	1,820490E+22	1,477642E+22	1,257652E+22	1,257642E+22	1,477611E+22	1,820442E+22
-1334	2,158564E+22	2,401381E+22	2,519568E+22	2,519615E+22	2,401485E+22	2,158653E+22	1,820495E+22	1,477637E+22	1,257644E+22	1,257629E+22	1,477609E+22	1,820480E+22
-1333	2,158673E+22	2,401510E+22	2,519633E+22	2,519632E+22	2,401487E+22	2,158644E+22	1,820463E+22	1,477584E+22	1,257598E+22	1,257622E+22	1,477636E+22	1,820489E+22
-1332	2,158610E+22	2,401398E+22	2,519513E+22	2,519532E+22	2,401436E+22	2,158642E+22	1,820483E+22	1,477593E+22	1,257572E+22	1,257560E+22	1,477562E+22	1,820443E+22
-1331	2,158619E+22	2,401479E+22	2,519641E+22	2,519636E+22	2,401490E+22	2,158654E+22	1,820468E+22	1,477567E+22	1,257546E+22	1,257542E+22	1,477570E+22	1,820497E+22
-1330	2,158708E+22	2,401535E+22	2,519646E+22	2,519612E+22	2,401447E+22	2,158613E+22	1,820438E+22	1,477545E+22	1,257532E+22	1,257536E+22	1,477548E+22	1,820430E+22
-1329	2,158602E+22	2,401416E+22	2,519555E+22	2,519598E+22	2,401487E+22	2,158657E+22	1,820463E+22	1,477551E+22	1,257516E+22	1,257499E+22	1,477505E+22	1,820402E+22
-1328	2,158633E+22	2,401547E+22	2,519714E+22	2,519707E+22	2,401544E+22	2,158663E+22	1,820434E+22	1,477513E+22	1,257493E+22	1,257507E+22	1,477554E+22	1,820476E+22
-1327	2,158659E+22	2,401485E+22	2,519615E+22	2,519600E+22	2,401460E+22	2,158633E+22	1,820440E+22	1,477522E+22	1,257495E+22	1,257500E+22	1,477526E+22	1,820426E+22
-1326	2,158589E+22	2,401393E+22	2,519562E+22	2,519623E+22	2,401508E+22	2,158672E+22	1,820475E+22	1,477559E+22	1,257521E+22	1,257502E+22	1,477516E+22	1,820435E+22
-1325	2,158681E+22	2,401553E+22	2,519665E+22	2,519651E+22	2,401507E+22	2,158657E+22	1,820453E+22	1,477542E+22	1,257528E+22	1,257543E+22	1,477574E+22	1,820465E+22
-1324	2,158630E+22	2,401451E+22	2,519558E+22	2,519541E+22	2,401419E+22	2,158622E+22	1,820469E+22	1,477581E+22	1,257562E+22	1,257550E+22	1,477547E+22	1,820418E+22
-1323	2,158584E+22	2,401444E+22	2,519625E+22	2,519633E+22	2,401478E+22	2,158638E+22	1,820470E+22	1,477600E+22	1,257600E+22	1,257597E+22	1,477601E+22	1,820489E+22
-1322	2,158675E+22	2,401500E+22	2,519626E+22	2,519612E+22	2,401450E+22	2,158608E+22	1,820447E+22	1,477594E+22	1,257625E+22	1,257650E+22	1,477651E+22	1,820491E+22
-1321	2,158602E+22	2,401370E+22	2,519482E+22	2,519525E+22	2,401442E+22	2,158649E+22	1,820499E+22	1,477639E+22	1,257649E+22	1,257644E+22	1,477621E+22	1,820462E+22
-1320	2,158620E+22	2,401475E+22	2,519622E+22	2,519616E+22	2,401481E+22	2,158657E+22	1,820501E+22	1,477648E+22	1,257670E+22	1,257677E+22	1,477673E+22	1,820541E+22
-1319	2,158688E+22	2,401476E+22	2,519569E+22	2,519531E+22	2,401388E+22	2,158603E+22	1,820492E+22	1,477666E+22	1,257700E+22	1,257701E+22	1,477663E+22	1,820479E+22
-1318	2,158588E+22	2,401365E+22	2,519499E+22	2,519538E+22	2,401430E+22	2,158639E+22	1,820529E+22	1,477711E+22	1,257733E+22	1,257704E+22	1,477640E+22	1,820455E+22
-1317	2,158624E+22	2,401495E+22	2,519633E+22	2,519620E+22	2,401471E+22	2,158641E+22	1,820500E+22	1,477676E+22	1,257722E+22	1,257734E+22	1,477707E+22	1,820518E+22
-1316	2,158608E+22	2,401398E+22	2,519524E+22	2,519520E+22	2,401398E+22	2,158613E+22	1,820501E+22	1,477677E+22	1,257709E+22	1,257705E+22	1,477662E+22	1,820468E+22
-1315	2,158560E+22	2,401355E+22	2,519528E+22	2,519580E+22	2,401463E+22	2,158651E+22	1,820515E+22	1,477674E+22	1,257693E+22	1,257687E+22	1,477663E+22	1,820512E+22
-1314	2,158670E+22	2,401478E+22	2,519582E+22	2,519580E+22	2,401446E+22	2,158625E+22	1,820478E+22	1,477632E+22	1,257662E+22	1,257681E+22	1,477679E+22	1,820520E+22
-1313	2,158628E+22	2,401398E+22	2,519480E+22	2,519484E+22	2,401407E+22	2,158640E+22	1,820503E+22	1,477638E+22	1,257635E+22	1,257617E+22	1,477590E+22	1,820439E+22
-1312	2,158602E+22	2,401474E+22	2,519638E+22	2,519620E+22	2,401462E+22	2,158636E+22	1,820483E+22	1,477617E+22	1,257616E+22	1,257607E+22	1,477604E+22	1,820496E+22
-1311	2,158686E+22	2,401507E+22	2,519627E+22	2,519601E+22	2,401426E+22	2,158584E+22	1,820431E+22	1,477575E+22	1,257593E+22	1,257605E+22	1,477600E+22	1,820451E+22
-1310	2,158589E+22	2,401382E+22	2,519513E+22	2,519573E+22	2,401472E+22	2,158642E+22	1,820468E+22	1,477591E+22	1,257581E+22	1,257565E+22	1,477552E+22	1,820417E+22
-1309	2,158607E+22	2,401496E+22	2,519651E+22	2,519656E+22	2,401522E+22	2,158669E+22	1,820465E+22	1,477564E+22	1,257560E+22	1,257574E+22	1,477604E+22	1,820501E+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	2,158650E+22	2,401456E+22	2,519577E+22	2,519558E+22	2,401423E+22	2,158619E+22	1,820463E+22	1,477574E+22	1,257560E+22	1,257557E+22	1,477560E+22	1,820437E+22
-1307	2,158588E+22	2,401392E+22	2,519543E+22	2,519582E+22	2,401463E+22	2,158648E+22	1,820494E+22	1,477614E+22	1,257596E+22	1,257577E+22	1,477566E+22	1,820443E+22
-1306	2,158652E+22	2,401517E+22	2,519635E+22	2,519618E+22	2,401462E+22	2,158621E+22	1,820459E+22	1,477599E+22	1,257618E+22	1,257634E+22	1,477638E+22	1,820489E+22
-1305	2,158617E+22	2,401416E+22	2,519513E+22	2,519508E+22	2,401408E+22	2,158621E+22	1,820480E+22	1,477628E+22	1,257642E+22	1,257637E+22	1,477608E+22	1,820432E+22
-1304	2,158558E+22	2,401408E+22	2,519590E+22	2,519605E+22	2,401463E+22	2,158640E+22	1,820497E+22	1,477656E+22	1,257680E+22	1,257678E+22	1,477658E+22	1,820520E+22
-1303	2,158676E+22	2,401470E+22	2,519582E+22	2,519572E+22	2,401415E+22	2,158591E+22	1,820463E+22	1,477645E+22	1,257699E+22	1,257724E+22	1,477706E+22	1,820524E+22
-1302	2,158614E+22	2,401358E+22	2,519441E+22	2,519480E+22	2,401405E+22	2,158629E+22	1,820522E+22	1,477707E+22	1,257736E+22	1,257718E+22	1,477661E+22	1,820464E+22
-1301	2,158598E+22	2,401451E+22	2,519590E+22	2,519576E+22	2,401447E+22	2,158649E+22	1,820533E+22	1,477719E+22	1,257762E+22	1,257761E+22	1,477722E+22	1,820545E+22
-1300	2,158654E+22	2,401443E+22	2,519559E+22	2,519520E+22	2,401360E+22	2,158578E+22	1,820503E+22	1,477719E+22	1,257779E+22	1,257780E+22	1,477713E+22	1,820484E+22
-1299	2,158556E+22	2,401329E+22	2,519471E+22	2,519521E+22	2,401418E+22	2,158628E+22	1,820537E+22	1,477751E+22	1,257803E+22	1,257790E+22	1,477713E+22	1,820481E+22
-1298	2,158590E+22	2,401429E+22	2,519569E+22	2,519574E+22	2,401446E+22	2,158631E+22	1,820511E+22	1,477716E+22	1,257790E+22	1,257811E+22	1,477774E+22	1,820566E+22
-1297	2,158621E+22	2,401363E+22	2,519451E+22	2,519452E+22	2,401373E+22	2,158621E+22	1,820523E+22	1,477717E+22	1,257765E+22	1,257762E+22	1,477702E+22	1,820488E+22
-1296	2,158567E+22	2,401350E+22	2,519500E+22	2,519531E+22	2,401422E+22	2,158638E+22	1,820538E+22	1,477727E+22	1,257757E+22	1,257738E+22	1,477688E+22	1,820525E+22
-1295	2,158682E+22	2,401483E+22	2,519571E+22	2,519544E+22	2,401392E+22	2,158580E+22	1,820472E+22	1,477668E+22	1,257723E+22	1,257737E+22	1,477708E+22	1,820524E+22
-1294	2,158622E+22	2,401393E+22	2,519474E+22	2,519474E+22	2,401380E+22	2,158603E+22	1,820498E+22	1,477680E+22	1,257700E+22	1,257678E+22	1,477622E+22	1,820430E+22
-1293	2,158561E+22	2,401432E+22	2,519613E+22	2,519612E+22	2,401464E+22	2,158640E+22	1,820496E+22	1,477654E+22	1,257677E+22	1,257674E+22	1,477653E+22	1,820509E+22
-1292	2,158652E+22	2,401461E+22	2,519601E+22	2,519588E+22	2,401420E+22	2,158587E+22	1,820447E+22	1,477608E+22	1,257642E+22	1,257657E+22	1,477639E+22	1,820468E+22
-1291	2,158580E+22	2,401356E+22	2,519476E+22	2,519538E+22	2,401456E+22	2,158647E+22	1,820497E+22	1,477636E+22	1,257639E+22	1,257628E+22	1,477602E+22	1,820437E+22
-1290	2,158591E+22	2,401453E+22	2,519594E+22	2,519596E+22	2,401480E+22	2,158656E+22	1,820491E+22	1,477627E+22	1,257642E+22	1,257648E+22	1,477651E+22	1,820523E+22
-1289	2,158653E+22	2,401439E+22	2,519530E+22	2,519498E+22	2,401385E+22	2,158612E+22	1,820486E+22	1,477636E+22	1,257647E+22	1,257638E+22	1,477604E+22	1,820437E+22
-1288	2,158563E+22	2,401371E+22	2,519529E+22	2,519556E+22	2,401425E+22	2,158620E+22	1,820507E+22	1,477677E+22	1,257689E+22	1,257667E+22	1,477622E+22	1,820463E+22
-1287	2,158636E+22	2,401476E+22	2,519599E+22	2,519588E+22	2,401427E+22	2,158583E+22	1,820449E+22	1,477639E+22	1,257699E+22	1,257725E+22	1,477710E+22	1,820529E+22
-1286	2,158617E+22	2,401384E+22	2,519470E+22	2,519471E+22	2,401380E+22	2,158601E+22	1,820488E+22	1,477676E+22	1,257718E+22	1,257717E+22	1,477668E+22	1,820460E+22
-1285	2,158549E+22	2,401372E+22	2,519540E+22	2,519557E+22	2,401439E+22	2,158643E+22	1,820528E+22	1,477712E+22	1,257755E+22	1,257753E+22	1,477712E+22	1,820544E+22
-1284	2,158669E+22	2,401453E+22	2,519562E+22	2,519539E+22	2,401384E+22	2,158579E+22	1,820486E+22	1,477702E+22	1,257773E+22	1,257789E+22	1,477740E+22	1,820528E+22
-1283	2,158606E+22	2,401355E+22	2,519435E+22	2,519456E+22	2,401377E+22	2,158617E+22	1,820544E+22	1,477764E+22	1,257820E+22	1,257803E+22	1,477712E+22	1,820464E+22
-1282	2,158553E+22	2,401394E+22	2,519551E+22	2,519549E+22	2,401422E+22	2,158633E+22	1,820550E+22	1,477780E+22	1,257856E+22	1,257854E+22	1,477784E+22	1,820563E+22
-1281	2,158631E+22	2,401394E+22	2,519500E+22	2,519481E+22	2,401359E+22	2,158591E+22	1,820524E+22	1,477769E+22	1,257857E+22	1,257863E+22	1,477772E+22	1,820502E+22
-1280	2,158534E+22	2,401286E+22	2,519426E+22	2,519476E+22	2,401391E+22	2,158628E+22	1,820565E+22	1,477804E+22	1,257873E+22	1,257858E+22	1,477764E+22	1,820517E+22
-1279	2,158599E+22	2,401393E+22	2,519513E+22	2,519515E+22	2,401396E+22	2,158604E+22	1,820519E+22	1,477757E+22	1,257851E+22	1,257872E+22	1,477820E+22	1,820601E+22
-1278	2,158646E+22	2,401365E+22	2,519422E+22	2,519402E+22	2,401322E+22	2,158587E+22	1,820532E+22	1,477765E+22	1,257829E+22	1,257819E+22	1,477731E+22	1,820490E+22
-1277	2,158556E+22	2,401343E+22	2,519488E+22	2,519499E+22	2,401384E+22	2,158618E+22	1,820549E+22	1,477771E+22	1,257823E+22	1,257802E+22	1,477724E+22	1,820523E+22
-1276	2,158654E+22	2,401465E+22	2,519580E+22	2,519548E+22	2,401376E+22	2,158556E+22	1,820467E+22	1,477699E+22	1,257778E+22	1,257794E+22	1,477743E+22	1,820524E+22
-1275	2,158598E+22	2,401368E+22	2,519463E+22	2,519472E+22	2,401383E+22	2,158601E+22	1,820501E+22	1,477703E+22	1,257752E+22	1,257744E+22	1,477675E+22	1,820445E+22
-1274	2,158526E+22	2,401365E+22	2,519554E+22	2,519574E+22	2,401452E+22	2,158646E+22	1,820518E+22	1,477696E+22	1,257737E+22	1,257737E+22	1,477701E+22	1,820538E+22
-1273	2,158654E+22	2,401423E+22	2,519534E+22	2,519529E+22	2,401404E+22	2,158604E+22	1,820480E+22	1,477659E+22	1,257704E+22	1,257713E+22	1,477672E+22	1,820475E+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	2,158573E+22	2,401341E+22	2,519447E+22	2,519485E+22	2,401410E+22	2,158636E+22	1,820528E+22	1,477702E+22	1,257719E+22	1,257693E+22	1,477635E+22	1,820449E+22
-1271	2,158589E+22	2,401432E+22	2,519566E+22	2,519550E+22	2,401422E+22	2,158613E+22	1,820491E+22	1,477678E+22	1,257725E+22	1,257731E+22	1,477702E+22	1,820537E+22
-1270	2,158646E+22	2,401419E+22	2,519509E+22	2,519471E+22	2,401347E+22	2,158573E+22	1,820484E+22	1,477687E+22	1,257731E+22	1,257726E+22	1,477663E+22	1,820447E+22
-1269	2,158532E+22	2,401327E+22	2,519495E+22	2,519532E+22	2,401413E+22	2,158615E+22	1,820517E+22	1,477720E+22	1,257766E+22	1,257755E+22	1,477692E+22	1,820494E+22
-1268	2,158619E+22	2,401439E+22	2,519574E+22	2,519565E+22	2,401409E+22	2,158577E+22	1,820462E+22	1,477678E+22	1,257761E+22	1,257793E+22	1,477763E+22	1,820559E+22
-1267	2,158623E+22	2,401367E+22	2,519442E+22	2,519440E+22	2,401363E+22	2,158602E+22	1,820514E+22	1,477725E+22	1,257788E+22	1,257793E+22	1,477723E+22	1,820481E+22
-1266	2,158538E+22	2,401336E+22	2,519493E+22	2,519507E+22	2,401405E+22	2,158641E+22	1,820562E+22	1,477783E+22	1,257846E+22	1,257835E+22	1,477760E+22	1,820557E+22
-1265	2,158663E+22	2,401432E+22	2,519522E+22	2,519491E+22	2,401357E+22	2,158580E+22	1,820517E+22	1,477770E+22	1,257866E+22	1,257875E+22	1,477785E+22	1,820521E+22
-1264	2,158568E+22	2,401320E+22	2,519415E+22	2,519431E+22	2,401349E+22	2,158602E+22	1,820567E+22	1,477833E+22	1,257916E+22	1,257894E+22	1,477772E+22	1,820486E+22
-1263	2,158532E+22	2,401333E+22	2,519493E+22	2,519504E+22	2,401386E+22	2,158605E+22	1,820547E+22	1,477823E+22	1,257935E+22	1,257944E+22	1,477854E+22	1,820601E+22
-1262	2,158632E+22	2,401353E+22	2,519439E+22	2,519422E+22	2,401313E+22	2,158568E+22	1,820537E+22	1,477816E+22	1,257925E+22	1,257935E+22	1,477828E+22	1,820530E+22
-1261	2,158533E+22	2,401257E+22	2,519377E+22	2,519421E+22	2,401350E+22	2,158615E+22	1,820584E+22	1,477850E+22	1,257936E+22	1,257920E+22	1,477809E+22	1,820539E+22
-1260	2,158603E+22	2,401394E+22	2,519508E+22	2,519480E+22	2,401348E+22	2,158573E+22	1,820523E+22	1,477795E+22	1,257905E+22	1,257920E+22	1,477844E+22	1,820601E+22
-1259	2,158644E+22	2,401375E+22	2,519438E+22	2,519397E+22	2,401297E+22	2,158564E+22	1,820531E+22	1,477795E+22	1,257887E+22	1,257883E+22	1,477769E+22	1,820482E+22
-1258	2,158518E+22	2,401301E+22	2,519469E+22	2,519494E+22	2,401378E+22	2,158609E+22	1,820556E+22	1,477809E+22	1,257888E+22	1,257870E+22	1,477768E+22	1,820528E+22
-1257	2,158630E+22	2,401421E+22	2,519534E+22	2,519528E+22	2,401393E+22	2,158581E+22	1,820489E+22	1,477735E+22	1,257835E+22	1,257854E+22	1,477782E+22	1,820528E+22
-1256	2,158569E+22	2,401325E+22	2,519428E+22	2,519444E+22	2,401374E+22	2,158617E+22	1,820537E+22	1,477757E+22	1,257815E+22	1,257801E+22	1,477716E+22	1,820472E+22
-1255	2,158527E+22	2,401315E+22	2,519488E+22	2,519516E+22	2,401412E+22	2,158631E+22	1,820536E+22	1,477747E+22	1,257806E+22	1,257803E+22	1,477746E+22	1,820561E+22
-1254	2,158665E+22	2,401410E+22	2,519495E+22	2,519469E+22	2,401346E+22	2,158577E+22	1,820502E+22	1,477721E+22	1,257782E+22	1,257786E+22	1,477715E+22	1,820481E+22
-1253	2,158556E+22	2,401320E+22	2,519426E+22	2,519445E+22	2,401360E+22	2,158608E+22	1,820540E+22	1,477756E+22	1,257802E+22	1,257779E+22	1,477693E+22	1,820460E+22
-1252	2,158565E+22	2,401407E+22	2,519560E+22	2,519534E+22	2,401387E+22	2,158577E+22	1,820483E+22	1,477713E+22	1,257795E+22	1,257809E+22	1,477761E+22	1,820560E+22
-1251	2,158638E+22	2,401396E+22	2,519490E+22	2,519457E+22	2,401336E+22	2,158562E+22	1,820480E+22	1,477711E+22	1,257795E+22	1,257811E+22	1,477734E+22	1,820479E+22
-1250	2,158518E+22	2,401273E+22	2,519436E+22	2,519487E+22	2,401392E+22	2,158618E+22	1,820540E+22	1,477767E+22	1,257835E+22	1,257828E+22	1,477749E+22	1,820528E+22
-1249	2,158633E+22	2,401416E+22	2,519517E+22	2,519515E+22	2,401395E+22	2,158592E+22	1,820499E+22	1,477739E+22	1,257835E+22	1,257857E+22	1,477798E+22	1,820563E+22
-1248	2,158615E+22	2,401358E+22	2,519428E+22	2,519403E+22	2,401324E+22	2,158594E+22	1,820551E+22	1,477801E+22	1,257879E+22	1,257865E+22	1,477758E+22	1,820486E+22
-1247	2,158521E+22	2,401295E+22	2,519457E+22	2,519468E+22	2,401358E+22	2,158609E+22	1,820574E+22	1,477847E+22	1,257942E+22	1,257928E+22	1,477814E+22	1,820561E+22
-1246	2,158638E+22	2,401395E+22	2,519489E+22	2,519461E+22	2,401321E+22	2,158556E+22	1,820533E+22	1,477832E+22	1,257957E+22	1,257970E+22	1,477850E+22	1,820530E+22
-1245	2,158529E+22	2,401262E+22	2,519366E+22	2,519391E+22	2,401323E+22	2,158598E+22	1,820586E+22	1,477884E+22	1,257997E+22	1,257984E+22	1,477844E+22	1,820516E+22
-1244	2,158516E+22	2,401293E+22	2,519453E+22	2,519461E+22	2,401349E+22	2,158589E+22	1,820559E+22	1,477863E+22	1,257997E+22	1,258010E+22	1,477906E+22	1,820632E+22
-1243	2,158647E+22	2,401344E+22	2,519409E+22	2,519384E+22	2,401281E+22	2,158553E+22	1,820545E+22	1,477852E+22	1,257988E+22	1,258003E+22	1,477876E+22	1,820548E+22
-1242	2,158530E+22	2,401236E+22	2,519343E+22	2,519377E+22	2,401311E+22	2,158599E+22	1,820600E+22	1,477900E+22	1,258007E+22	1,257985E+22	1,477847E+22	1,820548E+22
-1241	2,158601E+22	2,401384E+22	2,519488E+22	2,519460E+22	2,401334E+22	2,158566E+22	1,820537E+22	1,477841E+22	1,257972E+22	1,257984E+22	1,477877E+22	1,820591E+22
-1240	2,158608E+22	2,401346E+22	2,519436E+22	2,519401E+22	2,401290E+22	2,158558E+22	1,820546E+22	1,477842E+22	1,257955E+22	1,257946E+22	1,477813E+22	1,820499E+22
-1239	2,158496E+22	2,401241E+22	2,519415E+22	2,519464E+22	2,401363E+22	2,158603E+22	1,820562E+22	1,477842E+22	1,257947E+22	1,257938E+22	1,477821E+22	1,820553E+22
-1238	2,158625E+22	2,401384E+22	2,519478E+22	2,519476E+22	2,401358E+22	2,158578E+22	1,820518E+22	1,477782E+22	1,257891E+22	1,257911E+22	1,477824E+22	1,820543E+22
-1237	2,158561E+22	2,401294E+22	2,519380E+22	2,519389E+22	2,401331E+22	2,158611E+22	1,820566E+22	1,477810E+22	1,257882E+22	1,257863E+22	1,477758E+22	1,820486E+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	2,158525E+22	2,401309E+22	2,519470E+22	2,519472E+22	2,401356E+22	2,158598E+22	1,820543E+22	1,477792E+22	1,257871E+22	1,257863E+22	1,477781E+22	1,820567E+22
-1235	2,158659E+22	2,401406E+22	2,519491E+22	2,519454E+22	2,401313E+22	2,158546E+22	1,820497E+22	1,477755E+22	1,257853E+22	1,257867E+22	1,477770E+22	1,820489E+22
-1234	2,158529E+22	2,401278E+22	2,519394E+22	2,519427E+22	2,401343E+22	2,158592E+22	1,820544E+22	1,477796E+22	1,257873E+22	1,257859E+22	1,477755E+22	1,820486E+22
-1233	2,158558E+22	2,401373E+22	2,519513E+22	2,519507E+22	2,401384E+22	2,158586E+22	1,820501E+22	1,477753E+22	1,257857E+22	1,257877E+22	1,477812E+22	1,820576E+22
-1232	2,158623E+22	2,401366E+22	2,519463E+22	2,519433E+22	2,401320E+22	2,158569E+22	1,820515E+22	1,477769E+22	1,257866E+22	1,257873E+22	1,477779E+22	1,820510E+22
-1231	2,158524E+22	2,401238E+22	2,519382E+22	2,519435E+22	2,401352E+22	2,158605E+22	1,820563E+22	1,477827E+22	1,257917E+22	1,257903E+22	1,477794E+22	1,820539E+22
-1230	2,158631E+22	2,401404E+22	2,519484E+22	2,519460E+22	2,401338E+22	2,158574E+22	1,820535E+22	1,477815E+22	1,257929E+22	1,257941E+22	1,477842E+22	1,820556E+22
-1229	2,158580E+22	2,401323E+22	2,519403E+22	2,519375E+22	2,401284E+22	2,158574E+22	1,820576E+22	1,477873E+22	1,257982E+22	1,257966E+22	1,477823E+22	1,820493E+22
-1228	2,158484E+22	2,401250E+22	2,519426E+22	2,519443E+22	2,401326E+22	2,158579E+22	1,820575E+22	1,477895E+22	1,258027E+22	1,258020E+22	1,477885E+22	1,820586E+22
-1227	2,158618E+22	2,401351E+22	2,519445E+22	2,519430E+22	2,401300E+22	2,158545E+22	1,820535E+22	1,477865E+22	1,258031E+22	1,258062E+22	1,477927E+22	1,820568E+22
-1226	2,158519E+22	2,401210E+22	2,519298E+22	2,519333E+22	2,401285E+22	2,158590E+22	1,820607E+22	1,477931E+22	1,258065E+22	1,258058E+22	1,477904E+22	1,820555E+22
-1225	2,158535E+22	2,401280E+22	2,519400E+22	2,519407E+22	2,401317E+22	2,158583E+22	1,820583E+22	1,477914E+22	1,258063E+22	1,258068E+22	1,477940E+22	1,820638E+22
-1224	2,158643E+22	2,401348E+22	2,519409E+22	2,519363E+22	2,401247E+22	2,158537E+22	1,820566E+22	1,477909E+22	1,258060E+22	1,258061E+22	1,477907E+22	1,820558E+22
-1223	2,158520E+22	2,401210E+22	2,519321E+22	2,519360E+22	2,401282E+22	2,158571E+22	1,820601E+22	1,477943E+22	1,258078E+22	1,258057E+22	1,477890E+22	1,820550E+22
-1222	2,158579E+22	2,401357E+22	2,519464E+22	2,519444E+22	2,401316E+22	2,158560E+22	1,820557E+22	1,477887E+22	1,258036E+22	1,258050E+22	1,477923E+22	1,820595E+22
-1221	2,158572E+22	2,401296E+22	2,519397E+22	2,519381E+22	2,401282E+22	2,158568E+22	1,820573E+22	1,477886E+22	1,258016E+22	1,258011E+22	1,477864E+22	1,820518E+22
-1220	2,158480E+22	2,401204E+22	2,519370E+22	2,519424E+22	2,401333E+22	2,158596E+22	1,820582E+22	1,477883E+22	1,258000E+22	1,257990E+22	1,477861E+22	1,820573E+22
-1219	2,158629E+22	2,401372E+22	2,519444E+22	2,519437E+22	2,401326E+22	2,158566E+22	1,820530E+22	1,477821E+22	1,257954E+22	1,257977E+22	1,477866E+22	1,820554E+22
-1218	2,158552E+22	2,401271E+22	2,519339E+22	2,519336E+22	2,401281E+22	2,158588E+22	1,820582E+22	1,477862E+22	1,257955E+22	1,257933E+22	1,477802E+22	1,820498E+22
-1217	2,158519E+22	2,401295E+22	2,519443E+22	2,519447E+22	2,401329E+22	2,158574E+22	1,820550E+22	1,477838E+22	1,257944E+22	1,257935E+22	1,477826E+22	1,820569E+22
-1216	2,158632E+22	2,401382E+22	2,519481E+22	2,519450E+22	2,401297E+22	2,158528E+22	1,820501E+22	1,477797E+22	1,257922E+22	1,257935E+22	1,477826E+22	1,820522E+22
-1215	2,158518E+22	2,401225E+22	2,519336E+22	2,519389E+22	2,401319E+22	2,158578E+22	1,820547E+22	1,477829E+22	1,257936E+22	1,257931E+22	1,477813E+22	1,820518E+22
-1214	2,158562E+22	2,401349E+22	2,519467E+22	2,519458E+22	2,401345E+22	2,158581E+22	1,820534E+22	1,477807E+22	1,257922E+22	1,257939E+22	1,477854E+22	1,820590E+22
-1213	2,158613E+22	2,401343E+22	2,519428E+22	2,519393E+22	2,401282E+22	2,158562E+22	1,820549E+22	1,477835E+22	1,257947E+22	1,257946E+22	1,477822E+22	1,820513E+22
-1212	2,158508E+22	2,401228E+22	2,519364E+22	2,519399E+22	2,401305E+22	2,158578E+22	1,820580E+22	1,477888E+22	1,258003E+22	1,257983E+22	1,477838E+22	1,820536E+22
-1211	2,158603E+22	2,401380E+22	2,519469E+22	2,519447E+22	2,401315E+22	2,158551E+22	1,820538E+22	1,477865E+22	1,258021E+22	1,258042E+22	1,477907E+22	1,820562E+22
-1210	2,158537E+22	2,401260E+22	2,519347E+22	2,519342E+22	2,401265E+22	2,158567E+22	1,820593E+22	1,477929E+22	1,258071E+22	1,258063E+22	1,477899E+22	1,820527E+22
-1209	2,158471E+22	2,401200E+22	2,519357E+22	2,519400E+22	2,401311E+22	2,158582E+22	1,820599E+22	1,477947E+22	1,258102E+22	1,258100E+22	1,477948E+22	1,820616E+22
-1208	2,158609E+22	2,401318E+22	2,519403E+22	2,519391E+22	2,401271E+22	2,158540E+22	1,820565E+22	1,477926E+22	1,258104E+22	1,258128E+22	1,477981E+22	1,820612E+22
-1207	2,158535E+22	2,401184E+22	2,519243E+22	2,519274E+22	2,401236E+22	2,158566E+22	1,820620E+22	1,477984E+22	1,258141E+22	1,258129E+22	1,477950E+22	1,820575E+22
-1206	2,158545E+22	2,401286E+22	2,519385E+22	2,519361E+22	2,401258E+22	2,158558E+22	1,820607E+22	1,477973E+22	1,258139E+22	1,258139E+22	1,477978E+22	1,820634E+22
-1205	2,158614E+22	2,401326E+22	2,519403E+22	2,519357E+22	2,401224E+22	2,158518E+22	1,820580E+22	1,477962E+22	1,258139E+22	1,258140E+22	1,477957E+22	1,820560E+22
-1204	2,158489E+22	2,401181E+22	2,519299E+22	2,519348E+22	2,401268E+22	2,158554E+22	1,820600E+22	1,477975E+22	1,258140E+22	1,258125E+22	1,477940E+22	1,820566E+22
-1203	2,158556E+22	2,401318E+22	2,519424E+22	2,519421E+22	2,401310E+22	2,158562E+22	1,820564E+22	1,477914E+22	1,258092E+22	1,258116E+22	1,477972E+22	1,820615E+22
-1202	2,158556E+22	2,401249E+22	2,519333E+22	2,519329E+22	2,401254E+22	2,158569E+22	1,820602E+22	1,477935E+22	1,258075E+22	1,258068E+22	1,477906E+22	1,820544E+22
-1201	2,158491E+22	2,401188E+22	2,519318E+22	2,519371E+22	2,401296E+22	2,158582E+22	1,820604E+22	1,477934E+22	1,258061E+22	1,258041E+22	1,477887E+22	1,820572E+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	2,158612E+22	2,401363E+22	2,519436E+22	2,519413E+22	2,401287E+22	2,158542E+22	1,820545E+22	1,477875E+22	1,258023E+22	1,258034E+22	1,477903E+22	1,820569E+22
-1199	2,158537E+22	2,401241E+22	2,519311E+22	2,519312E+22	2,401247E+22	2,158551E+22	1,820573E+22	1,477898E+22	1,258025E+22	1,258009E+22	1,477854E+22	1,820511E+22
-1198	2,158503E+22	2,401273E+22	2,519417E+22	2,519418E+22	2,401299E+22	2,158559E+22	1,820561E+22	1,477876E+22	1,258006E+22	1,258005E+22	1,477879E+22	1,820584E+22
-1197	2,158606E+22	2,401341E+22	2,519445E+22	2,519430E+22	2,401286E+22	2,158532E+22	1,820524E+22	1,477842E+22	1,257987E+22	1,258005E+22	1,477880E+22	1,820547E+22
-1196	2,158514E+22	2,401204E+22	2,519297E+22	2,519353E+22	2,401291E+22	2,158567E+22	1,820564E+22	1,477875E+22	1,257999E+22	1,257992E+22	1,477855E+22	1,820536E+22
-1195	2,158561E+22	2,401337E+22	2,519437E+22	2,519423E+22	2,401319E+22	2,158573E+22	1,820552E+22	1,477860E+22	1,258002E+22	1,258016E+22	1,477897E+22	1,820593E+22
-1194	2,158590E+22	2,401312E+22	2,519391E+22	2,519352E+22	2,401243E+22	2,158549E+22	1,820579E+22	1,477906E+22	1,258041E+22	1,258035E+22	1,477878E+22	1,820523E+22
-1193	2,158484E+22	2,401191E+22	2,519321E+22	2,519372E+22	2,401283E+22	2,158561E+22	1,820598E+22	1,477952E+22	1,258096E+22	1,258076E+22	1,477900E+22	1,820547E+22
-1192	2,158562E+22	2,401330E+22	2,519431E+22	2,519427E+22	2,401301E+22	2,158544E+22	1,820556E+22	1,477922E+22	1,258107E+22	1,258130E+22	1,477982E+22	1,820610E+22
-1191	2,158528E+22	2,401200E+22	2,519269E+22	2,519279E+22	2,401226E+22	2,158549E+22	1,820603E+22	1,477976E+22	1,258150E+22	1,258151E+22	1,477970E+22	1,820571E+22
-1190	2,158487E+22	2,401185E+22	2,519304E+22	2,519329E+22	2,401250E+22	2,158565E+22	1,820630E+22	1,478006E+22	1,258176E+22	1,258171E+22	1,477997E+22	1,820639E+22
-1189	2,158611E+22	2,401310E+22	2,519377E+22	2,519348E+22	2,401225E+22	2,158520E+22	1,820589E+22	1,477988E+22	1,258186E+22	1,258200E+22	1,478022E+22	1,820619E+22
-1188	2,158529E+22	2,401190E+22	2,519241E+22	2,519250E+22	2,401195E+22	2,158532E+22	1,820624E+22	1,478031E+22	1,258215E+22	1,258199E+22	1,477989E+22	1,820574E+22
-1187	2,158523E+22	2,401273E+22	2,519386E+22	2,519367E+22	2,401252E+22	2,158541E+22	1,820604E+22	1,478009E+22	1,258213E+22	1,258218E+22	1,478026E+22	1,820634E+22
-1186	2,158573E+22	2,401272E+22	2,519360E+22	2,519338E+22	2,401222E+22	2,158525E+22	1,820600E+22	1,478006E+22	1,258205E+22	1,258212E+22	1,478011E+22	1,820579E+22
-1185	2,158469E+22	2,401132E+22	2,519242E+22	2,519318E+22	2,401266E+22	2,158566E+22	1,820629E+22	1,478021E+22	1,258198E+22	1,258182E+22	1,477981E+22	1,820580E+22
-1184	2,158536E+22	2,401281E+22	2,519383E+22	2,519387E+22	2,401290E+22	2,158563E+22	1,820594E+22	1,477968E+22	1,258153E+22	1,258166E+22	1,478009E+22	1,820644E+22
-1183	2,158557E+22	2,401216E+22	2,519272E+22	2,519262E+22	2,401202E+22	2,158543E+22	1,820614E+22	1,477985E+22	1,258146E+22	1,258134E+22	1,477946E+22	1,820557E+22
-1182	2,158491E+22	2,401187E+22	2,519298E+22	2,519318E+22	2,401232E+22	2,158550E+22	1,820621E+22	1,477985E+22	1,258132E+22	1,258110E+22	1,477929E+22	1,820576E+22
-1181	2,158584E+22	2,401335E+22	2,519423E+22	2,519400E+22	2,401258E+22	2,158512E+22	1,820546E+22	1,477918E+22	1,258096E+22	1,258112E+22	1,477958E+22	1,820584E+22
-1180	2,158518E+22	2,401217E+22	2,519285E+22	2,519292E+22	2,401227E+22	2,158528E+22	1,820562E+22	1,477919E+22	1,258078E+22	1,258075E+22	1,477910E+22	1,820541E+22
-1179	2,158498E+22	2,401248E+22	2,519385E+22	2,519394E+22	2,401289E+22	2,158555E+22	1,820560E+22	1,477899E+22	1,258060E+22	1,258068E+22	1,477925E+22	1,820607E+22
-1178	2,158600E+22	2,401307E+22	2,519393E+22	2,519383E+22	2,401263E+22	2,158534E+22	1,820555E+22	1,477896E+22	1,258052E+22	1,258064E+22	1,477918E+22	1,820565E+22
-1177	2,158517E+22	2,401191E+22	2,519260E+22	2,519316E+22	2,401265E+22	2,158560E+22	1,820594E+22	1,477940E+22	1,258078E+22	1,258057E+22	1,477886E+22	1,820530E+22
-1176	2,158529E+22	2,401313E+22	2,519425E+22	2,519407E+22	2,401294E+22	2,158561E+22	1,820579E+22	1,477931E+22	1,258092E+22	1,258094E+22	1,477944E+22	1,820605E+22
-1175	2,158559E+22	2,401259E+22	2,519341E+22	2,519315E+22	2,401214E+22	2,158526E+22	1,820589E+22	1,477964E+22	1,258136E+22	1,258135E+22	1,477948E+22	1,820545E+22
-1174	2,158465E+22	2,401154E+22	2,519273E+22	2,519316E+22	2,401240E+22	2,158553E+22	1,820626E+22	1,478009E+22	1,258180E+22	1,258167E+22	1,477971E+22	1,820577E+22
-1173	2,158540E+22	2,401279E+22	2,519380E+22	2,519383E+22	2,401270E+22	2,158538E+22	1,820584E+22	1,477983E+22	1,258192E+22	1,258217E+22	1,478047E+22	1,820646E+22
-1172	2,158538E+22	2,401188E+22	2,519227E+22	2,519225E+22	2,401179E+22	2,158523E+22	1,820613E+22	1,478025E+22	1,258225E+22	1,258225E+22	1,478022E+22	1,820599E+22
-1171	2,158499E+22	2,401187E+22	2,519285E+22	2,519290E+22	2,401211E+22	2,158539E+22	1,820632E+22	1,478054E+22	1,258259E+22	1,258250E+22	1,478040E+22	1,820643E+22
-1170	2,158593E+22	2,401290E+22	2,519359E+22	2,519324E+22	2,401195E+22	2,158502E+22	1,820608E+22	1,478049E+22	1,258272E+22	1,258283E+22	1,478071E+22	1,820625E+22
-1169	2,158506E+22	2,401158E+22	2,519220E+22	2,519247E+22	2,401189E+22	2,158517E+22	1,820633E+22	1,478080E+22	1,258291E+22	1,258275E+22	1,478037E+22	1,820577E+22
-1168	2,158477E+22	2,401216E+22	2,519353E+22	2,519359E+22	2,401257E+22	2,158549E+22	1,820624E+22	1,478055E+22	1,258278E+22	1,258283E+22	1,478080E+22	1,820666E+22
-1167	2,158556E+22	2,401209E+22	2,519285E+22	2,519282E+22	2,401197E+22	2,158523E+22	1,820619E+22	1,478048E+22	1,258269E+22	1,258279E+22	1,478063E+22	1,820608E+22
-1166	2,158475E+22	2,401113E+22	2,519188E+22	2,519238E+22	2,401206E+22	2,158557E+22	1,820663E+22	1,478074E+22	1,258260E+22	1,258239E+22	1,478017E+22	1,820592E+22
-1165	2,158527E+22	2,401259E+22	2,519353E+22	2,519339E+22	2,401245E+22	2,158543E+22	1,820613E+22	1,478024E+22	1,258227E+22	1,258231E+22	1,478044E+22	1,820647E+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	2,158552E+22	2,401215E+22	2,519262E+22	2,519231E+22	2,401156E+22	2,158500E+22	1,820602E+22	1,478017E+22	1,258210E+22	1,258200E+22	1,477988E+22	1,820566E+22
-1163	2,158478E+22	2,401173E+22	2,519293E+22	2,519314E+22	2,401219E+22	2,158521E+22	1,820601E+22	1,478007E+22	1,258194E+22	1,258180E+22	1,477977E+22	1,820588E+22
-1162	2,158559E+22	2,401292E+22	2,519387E+22	2,519380E+22	2,401253E+22	2,158514E+22	1,820559E+22	1,477952E+22	1,258152E+22	1,258175E+22	1,478010E+22	1,820612E+22
-1161	2,158514E+22	2,401182E+22	2,519247E+22	2,519271E+22	2,401224E+22	2,158534E+22	1,820586E+22	1,477960E+22	1,258131E+22	1,258126E+22	1,477945E+22	1,820555E+22
-1160	2,158487E+22	2,401221E+22	2,519357E+22	2,519370E+22	2,401280E+22	2,158565E+22	1,820596E+22	1,477957E+22	1,258124E+22	1,258120E+22	1,477959E+22	1,820625E+22
-1159	2,158595E+22	2,401279E+22	2,519345E+22	2,519325E+22	2,401223E+22	2,158522E+22	1,820579E+22	1,477958E+22	1,258137E+22	1,258142E+22	1,477961E+22	1,820569E+22
-1158	2,158504E+22	2,401179E+22	2,519239E+22	2,519261E+22	2,401208E+22	2,158541E+22	1,820626E+22	1,478010E+22	1,258172E+22	1,258148E+22	1,477941E+22	1,820534E+22
-1157	2,158488E+22	2,401258E+22	2,519391E+22	2,519384E+22	2,401270E+22	2,158542E+22	1,820594E+22	1,477995E+22	1,258191E+22	1,258196E+22	1,478015E+22	1,820626E+22
-1156	2,158538E+22	2,401216E+22	2,519288E+22	2,519269E+22	2,401181E+22	2,158502E+22	1,820588E+22	1,478005E+22	1,258216E+22	1,258227E+22	1,478024E+22	1,820589E+22
-1155	2,158469E+22	2,401125E+22	2,519230E+22	2,519270E+22	2,401206E+22	2,158532E+22	1,820627E+22	1,478050E+22	1,258256E+22	1,258249E+22	1,478033E+22	1,820612E+22
-1154	2,158547E+22	2,401252E+22	2,519330E+22	2,519322E+22	2,401223E+22	2,158522E+22	1,820608E+22	1,478042E+22	1,258270E+22	1,258290E+22	1,478096E+22	1,820668E+22
-1153	2,158545E+22	2,401181E+22	2,519210E+22	2,519197E+22	2,401145E+22	2,158502E+22	1,820630E+22	1,478082E+22	1,258304E+22	1,258295E+22	1,478057E+22	1,820595E+22
-1152	2,158474E+22	2,401170E+22	2,519289E+22	2,519293E+22	2,401201E+22	2,158527E+22	1,820648E+22	1,478109E+22	1,258336E+22	1,258323E+22	1,478086E+22	1,820650E+22
-1151	2,158560E+22	2,401237E+22	2,519313E+22	2,519297E+22	2,401184E+22	2,158495E+22	1,820618E+22	1,478097E+22	1,258353E+22	1,258368E+22	1,478130E+22	1,820640E+22
-1150	2,158481E+22	2,401117E+22	2,519175E+22	2,519199E+22	2,401165E+22	2,158530E+22	1,820669E+22	1,478132E+22	1,258362E+22	1,258349E+22	1,478093E+22	1,820598E+22
-1149	2,158450E+22	2,401153E+22	2,519297E+22	2,519318E+22	2,401236E+22	2,158554E+22	1,820658E+22	1,478114E+22	1,258351E+22	1,258353E+22	1,478127E+22	1,820685E+22
-1148	2,158559E+22	2,401188E+22	2,519233E+22	2,519219E+22	2,401149E+22	2,158502E+22	1,820631E+22	1,478093E+22	1,258333E+22	1,258342E+22	1,478105E+22	1,820629E+22
-1147	2,158484E+22	2,401113E+22	2,519170E+22	2,519191E+22	2,401155E+22	2,158522E+22	1,820658E+22	1,478114E+22	1,258331E+22	1,258307E+22	1,478055E+22	1,820596E+22
-1146	2,158513E+22	2,401238E+22	2,519333E+22	2,519306E+22	2,401203E+22	2,158514E+22	1,820619E+22	1,478068E+22	1,258296E+22	1,258303E+22	1,478092E+22	1,820659E+22
-1145	2,158539E+22	2,401187E+22	2,519249E+22	2,519231E+22	2,401147E+22	2,158479E+22	1,820596E+22	1,478046E+22	1,258267E+22	1,258263E+22	1,478033E+22	1,820578E+22
-1144	2,158456E+22	2,401136E+22	2,519271E+22	2,519310E+22	2,401225E+22	2,158528E+22	1,820611E+22	1,478035E+22	1,258240E+22	1,258232E+22	1,478024E+22	1,820619E+22
-1143	2,158556E+22	2,401249E+22	2,519328E+22	2,519330E+22	2,401232E+22	2,158516E+22	1,820580E+22	1,477993E+22	1,258209E+22	1,258232E+22	1,478050E+22	1,820632E+22
-1142	2,158524E+22	2,401176E+22	2,519215E+22	2,519208E+22	2,401176E+22	2,158535E+22	1,820626E+22	1,478020E+22	1,258199E+22	1,258184E+22	1,477976E+22	1,820555E+22
-1141	2,158465E+22	2,401190E+22	2,519334E+22	2,519338E+22	2,401246E+22	2,158555E+22	1,820628E+22	1,478028E+22	1,258214E+22	1,258198E+22	1,477994E+22	1,820614E+22
-1140	2,158572E+22	2,401261E+22	2,519325E+22	2,519296E+22	2,401184E+22	2,158492E+22	1,820583E+22	1,478009E+22	1,258224E+22	1,258233E+22	1,478020E+22	1,820580E+22
-1139	2,158479E+22	2,401143E+22	2,519212E+22	2,519235E+22	2,401183E+22	2,158516E+22	1,820618E+22	1,478052E+22	1,258260E+22	1,258243E+22	1,478009E+22	1,820555E+22
-1138	2,158462E+22	2,401198E+22	2,519332E+22	2,519338E+22	2,401246E+22	2,158541E+22	1,820616E+22	1,478047E+22	1,258272E+22	1,258285E+22	1,478088E+22	1,820667E+22
-1137	2,158542E+22	2,401176E+22	2,519240E+22	2,519233E+22	2,401153E+22	2,158489E+22	1,820605E+22	1,478056E+22	1,258288E+22	1,258300E+22	1,478077E+22	1,820616E+22
-1136	2,158470E+22	2,401102E+22	2,519197E+22	2,519235E+22	2,401180E+22	2,158525E+22	1,820650E+22	1,478106E+22	1,258328E+22	1,258316E+22	1,478081E+22	1,820636E+22
-1135	2,158547E+22	2,401230E+22	2,519291E+22	2,519269E+22	2,401177E+22	2,158503E+22	1,820627E+22	1,478103E+22	1,258358E+22	1,258375E+22	1,478147E+22	1,820677E+22
-1134	2,158532E+22	2,401170E+22	2,519200E+22	2,519159E+22	2,401100E+22	2,158487E+22	1,820656E+22	1,478144E+22	1,258392E+22	1,258382E+22	1,478111E+22	1,820597E+22
-1133	2,158431E+22	2,401112E+22	2,519257E+22	2,519281E+22	2,401195E+22	2,158526E+22	1,820668E+22	1,478168E+22	1,258425E+22	1,258414E+22	1,478144E+22	1,820660E+22
-1132	2,158540E+22	2,401195E+22	2,519258E+22	2,519251E+22	2,401160E+22	2,158488E+22	1,820628E+22	1,478135E+22	1,258421E+22	1,258446E+22	1,478192E+22	1,820671E+22
-1131	2,158480E+22	2,401085E+22	2,519127E+22	2,519146E+22	2,401127E+22	2,158515E+22	1,820679E+22	1,478176E+22	1,258430E+22	1,258416E+22	1,478138E+22	1,820619E+22
-1130	2,158450E+22	2,401122E+22	2,519242E+22	2,519255E+22	2,401187E+22	2,158540E+22	1,820685E+22	1,478172E+22	1,258421E+22	1,258416E+22	1,478166E+22	1,820699E+22
-1129	2,158559E+22	2,401175E+22	2,519218E+22	2,519195E+22	2,401107E+22	2,158470E+22	1,820638E+22	1,478139E+22	1,258399E+22	1,258402E+22	1,478137E+22	1,820626E+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	2,158465E+22	2,401097E+22	2,519173E+22	2,519195E+22	2,401141E+22	2,158503E+22	1,820659E+22	1,478148E+22	1,258387E+22	1,258367E+22	1,478101E+22	1,820609E+22
-1127	2,158492E+22	2,401200E+22	2,519295E+22	2,519281E+22	2,401187E+22	2,158503E+22	1,820620E+22	1,478098E+22	1,258356E+22	1,258372E+22	1,478145E+22	1,820678E+22
-1126	2,158528E+22	2,401164E+22	2,519222E+22	2,519194E+22	2,401126E+22	2,158491E+22	1,820624E+22	1,478084E+22	1,258319E+22	1,258320E+22	1,478078E+22	1,820596E+22
-1125	2,158441E+22	2,401092E+22	2,519233E+22	2,519286E+22	2,401215E+22	2,158538E+22	1,820644E+22	1,478089E+22	1,258305E+22	1,258291E+22	1,478056E+22	1,820625E+22
-1124	2,158559E+22	2,401236E+22	2,519285E+22	2,519279E+22	2,401195E+22	2,158505E+22	1,820598E+22	1,478042E+22	1,258277E+22	1,258295E+22	1,478086E+22	1,820640E+22
-1123	2,158520E+22	2,401170E+22	2,519203E+22	2,519174E+22	2,401132E+22	2,158507E+22	1,820634E+22	1,478075E+22	1,258284E+22	1,258263E+22	1,478020E+22	1,820556E+22
-1122	2,158437E+22	2,401145E+22	2,519297E+22	2,519305E+22	2,401208E+22	2,158532E+22	1,820644E+22	1,478088E+22	1,258303E+22	1,258290E+22	1,478059E+22	1,820628E+22
-1121	2,158541E+22	2,401204E+22	2,519287E+22	2,519280E+22	2,401164E+22	2,158472E+22	1,820585E+22	1,478052E+22	1,258301E+22	1,258319E+22	1,478089E+22	1,820607E+22
-1120	2,158461E+22	2,401096E+22	2,519170E+22	2,519208E+22	2,401169E+22	2,158514E+22	1,820631E+22	1,478089E+22	1,258321E+22	1,258318E+22	1,478078E+22	1,820600E+22
-1119	2,158469E+22	2,401159E+22	2,519259E+22	2,519263E+22	2,401196E+22	2,158526E+22	1,820635E+22	1,478098E+22	1,258345E+22	1,258360E+22	1,478144E+22	1,820698E+22
-1118	2,158560E+22	2,401178E+22	2,519210E+22	2,519166E+22	2,401096E+22	2,158479E+22	1,820636E+22	1,478117E+22	1,258368E+22	1,258371E+22	1,478119E+22	1,820624E+22
-1117	2,158457E+22	2,401084E+22	2,519184E+22	2,519214E+22	2,401148E+22	2,158509E+22	1,820674E+22	1,478174E+22	1,258422E+22	1,258400E+22	1,478120E+22	1,820628E+22
-1116	2,158527E+22	2,401212E+22	2,519272E+22	2,519248E+22	2,401149E+22	2,158480E+22	1,820633E+22	1,478154E+22	1,258443E+22	1,258463E+22	1,478205E+22	1,820685E+22
-1115	2,158505E+22	2,401135E+22	2,519178E+22	2,519144E+22	2,401086E+22	2,158475E+22	1,820663E+22	1,478193E+22	1,258476E+22	1,258469E+22	1,478172E+22	1,820613E+22
-1114	2,158400E+22	2,401047E+22	2,519193E+22	2,519239E+22	2,401175E+22	2,158535E+22	1,820705E+22	1,478227E+22	1,258503E+22	1,258494E+22	1,478206E+22	1,820686E+22
-1113	2,158527E+22	2,401148E+22	2,519209E+22	2,519217E+22	2,401133E+22	2,158482E+22	1,820653E+22	1,478189E+22	1,258490E+22	1,258511E+22	1,478236E+22	1,820690E+22
-1112	2,158479E+22	2,401065E+22	2,519093E+22	2,519107E+22	2,401094E+22	2,158505E+22	1,820700E+22	1,478227E+22	1,258495E+22	1,258478E+22	1,478183E+22	1,820636E+22
-1111	2,158446E+22	2,401102E+22	2,519202E+22	2,519198E+22	2,401129E+22	2,158510E+22	1,820696E+22	1,478224E+22	1,258499E+22	1,258492E+22	1,478215E+22	1,820709E+22
-1110	2,158550E+22	2,401167E+22	2,519208E+22	2,519164E+22	2,401067E+22	2,158447E+22	1,820646E+22	1,478183E+22	1,258469E+22	1,258475E+22	1,478189E+22	1,820637E+22
-1109	2,158434E+22	2,401051E+22	2,519146E+22	2,519193E+22	2,401140E+22	2,158498E+22	1,820666E+22	1,478186E+22	1,258452E+22	1,258437E+22	1,478150E+22	1,820626E+22
-1108	2,158488E+22	2,401173E+22	2,519252E+22	2,519246E+22	2,401168E+22	2,158498E+22	1,820626E+22	1,478123E+22	1,258403E+22	1,258429E+22	1,478194E+22	1,820707E+22
-1107	2,158535E+22	2,401150E+22	2,519192E+22	2,519157E+22	2,401092E+22	2,158476E+22	1,820635E+22	1,478123E+22	1,258375E+22	1,258370E+22	1,478108E+22	1,820605E+22
-1106	2,158435E+22	2,401067E+22	2,519190E+22	2,519238E+22	2,401179E+22	2,158534E+22	1,820676E+22	1,478148E+22	1,258375E+22	1,258351E+22	1,478089E+22	1,820622E+22
-1105	2,158538E+22	2,401213E+22	2,519275E+22	2,519267E+22	2,401162E+22	2,158481E+22	1,820609E+22	1,478092E+22	1,258350E+22	1,258362E+22	1,478121E+22	1,820633E+22
-1104	2,158487E+22	2,401134E+22	2,519183E+22	2,519169E+22	2,401119E+22	2,158494E+22	1,820643E+22	1,478119E+22	1,258353E+22	1,258340E+22	1,478081E+22	1,820574E+22
-1103	2,158409E+22	2,401089E+22	2,519232E+22	2,519257E+22	2,401178E+22	2,158523E+22	1,820657E+22	1,478135E+22	1,258380E+22	1,258377E+22	1,478130E+22	1,820662E+22
-1102	2,158535E+22	2,401172E+22	2,519237E+22	2,519220E+22	2,401125E+22	2,158473E+22	1,820615E+22	1,478103E+22	1,258372E+22	1,258394E+22	1,478151E+22	1,820640E+22
-1101	2,158457E+22	2,401059E+22	2,519122E+22	2,519169E+22	2,401140E+22	2,158509E+22	1,820660E+22	1,478150E+22	1,258401E+22	1,258391E+22	1,478123E+22	1,820619E+22
-1100	2,158486E+22	2,401161E+22	2,519223E+22	2,519206E+22	2,401143E+22	2,158500E+22	1,820647E+22	1,478150E+22	1,258424E+22	1,258438E+22	1,478192E+22	1,820711E+22
-1099	2,158558E+22	2,401180E+22	2,519209E+22	2,519142E+22	2,401049E+22	2,158442E+22	1,820642E+22	1,478177E+22	1,258460E+22	1,258457E+22	1,478167E+22	1,820623E+22
-1098	2,158425E+22	2,401043E+22	2,519155E+22	2,519197E+22	2,401128E+22	2,158497E+22	1,820695E+22	1,478239E+22	1,258517E+22	1,258496E+22	1,478185E+22	1,820637E+22
-1097	2,158485E+22	2,401153E+22	2,519237E+22	2,519241E+22	2,401142E+22	2,158474E+22	1,820647E+22	1,478203E+22	1,258523E+22	1,258547E+22	1,478267E+22	1,820707E+22
-1096	2,158482E+22	2,401082E+22	2,519127E+22	2,519117E+22	2,401076E+22	2,158485E+22	1,820691E+22	1,478241E+22	1,258540E+22	1,258542E+22	1,478237E+22	1,820649E+22
-1095	2,158399E+22	2,401002E+22	2,519112E+22	2,519160E+22	2,401123E+22	2,158524E+22	1,820734E+22	1,478288E+22	1,258580E+22	1,258568E+22	1,478260E+22	1,820711E+22
-1094	2,158531E+22	2,401141E+22	2,519172E+22	2,519148E+22	2,401074E+22	2,158467E+22	1,820681E+22	1,478249E+22	1,258567E+22	1,258580E+22	1,478279E+22	1,820699E+22
-1093	2,158463E+22	2,401045E+22	2,519079E+22	2,519088E+22	2,401061E+22	2,158480E+22	1,820710E+22	1,478280E+22	1,258576E+22	1,258554E+22	1,478222E+22	1,820637E+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	2,158437E+22	2,401090E+22	2,519178E+22	2,519173E+22	2,401097E+22	2,158477E+22	1,820685E+22	1,478253E+22	1,258563E+22	1,258566E+22	1,478270E+22	1,820727E+22
-1091	2,158537E+22	2,401147E+22	2,519192E+22	2,519155E+22	2,401054E+22	2,158430E+22	1,820643E+22	1,478213E+22	1,258527E+22	1,258536E+22	1,478236E+22	1,820658E+22
-1090	2,158420E+22	2,401009E+22	2,519099E+22	2,519164E+22	2,401128E+22	2,158505E+22	1,820693E+22	1,478228E+22	1,258505E+22	1,258491E+22	1,478191E+22	1,820644E+22
-1089	2,158476E+22	2,401138E+22	2,519218E+22	2,519225E+22	2,401149E+22	2,158496E+22	1,820649E+22	1,478167E+22	1,258455E+22	1,258472E+22	1,478219E+22	1,820712E+22
-1088	2,158527E+22	2,401136E+22	2,519170E+22	2,519134E+22	2,401073E+22	2,158475E+22	1,820661E+22	1,478169E+22	1,258432E+22	1,258425E+22	1,478144E+22	1,820608E+22
-1087	2,158416E+22	2,401039E+22	2,519143E+22	2,519184E+22	2,401127E+22	2,158510E+22	1,820695E+22	1,478206E+22	1,258457E+22	1,258431E+22	1,478139E+22	1,820628E+22
-1086	2,158508E+22	2,401183E+22	2,519243E+22	2,519229E+22	2,401130E+22	2,158467E+22	1,820623E+22	1,478144E+22	1,258430E+22	1,258445E+22	1,478182E+22	1,820650E+22
-1085	2,158455E+22	2,401079E+22	2,519136E+22	2,519146E+22	2,401106E+22	2,158485E+22	1,820653E+22	1,478165E+22	1,258431E+22	1,258424E+22	1,478141E+22	1,820604E+22
-1084	2,158415E+22	2,401063E+22	2,519171E+22	2,519195E+22	2,401132E+22	2,158500E+22	1,820663E+22	1,478173E+22	1,258445E+22	1,258450E+22	1,478192E+22	1,820702E+22
-1083	2,158552E+22	2,401167E+22	2,519207E+22	2,519173E+22	2,401074E+22	2,158440E+22	1,820624E+22	1,478156E+22	1,258445E+22	1,258459E+22	1,478192E+22	1,820658E+22
-1082	2,158457E+22	2,401046E+22	2,519093E+22	2,519129E+22	2,401098E+22	2,158491E+22	1,820686E+22	1,478216E+22	1,258486E+22	1,258468E+22	1,478166E+22	1,820620E+22
-1081	2,158460E+22	2,401140E+22	2,519224E+22	2,519208E+22	2,401118E+22	2,158477E+22	1,820659E+22	1,478206E+22	1,258508E+22	1,258518E+22	1,478237E+22	1,820708E+22
-1080	2,158522E+22	2,401144E+22	2,519194E+22	2,519150E+22	2,401055E+22	2,158443E+22	1,820659E+22	1,478226E+22	1,258538E+22	1,258545E+22	1,478234E+22	1,820638E+22
-1079	2,158389E+22	2,400982E+22	2,519086E+22	2,519150E+22	2,401109E+22	2,158503E+22	1,820726E+22	1,478301E+22	1,258606E+22	1,258590E+22	1,478258E+22	1,820668E+22
-1078	2,158465E+22	2,401106E+22	2,519175E+22	2,519183E+22	2,401115E+22	2,158486E+22	1,820687E+22	1,478268E+22	1,258605E+22	1,258628E+22	1,478327E+22	1,820737E+22
-1077	2,158472E+22	2,401035E+22	2,519065E+22	2,519068E+22	2,401047E+22	2,158481E+22	1,820726E+22	1,478312E+22	1,258629E+22	1,258621E+22	1,478283E+22	1,820671E+22
-1076	2,158414E+22	2,400998E+22	2,519066E+22	2,519090E+22	2,401057E+22	2,158489E+22	1,820744E+22	1,478341E+22	1,258660E+22	1,258648E+22	1,478314E+22	1,820732E+22
-1075	2,158531E+22	2,401142E+22	2,519166E+22	2,519116E+22	2,401015E+22	2,158415E+22	1,820676E+22	1,478299E+22	1,258646E+22	1,258656E+22	1,478327E+22	1,820708E+22
-1074	2,158439E+22	2,401013E+22	2,519053E+22	2,519073E+22	2,401042E+22	2,158459E+22	1,820713E+22	1,478320E+22	1,258645E+22	1,258630E+22	1,478279E+22	1,820655E+22
-1073	2,158411E+22	2,401052E+22	2,519159E+22	2,519171E+22	2,401093E+22	2,158467E+22	1,820683E+22	1,478275E+22	1,258610E+22	1,258620E+22	1,478312E+22	1,820749E+22
-1072	2,158529E+22	2,401116E+22	2,519158E+22	2,519138E+22	2,401053E+22	2,158439E+22	1,820661E+22	1,478239E+22	1,258564E+22	1,258580E+22	1,478275E+22	1,820677E+22
-1071	2,158418E+22	2,400983E+22	2,519040E+22	2,519104E+22	2,401090E+22	2,158501E+22	1,820724E+22	1,478282E+22	1,258567E+22	1,258543E+22	1,478222E+22	1,820650E+22
-1070	2,158465E+22	2,401129E+22	2,519191E+22	2,519176E+22	2,401111E+22	2,158490E+22	1,820677E+22	1,478226E+22	1,258526E+22	1,258530E+22	1,478244E+22	1,820702E+22
-1069	2,158492E+22	2,401103E+22	2,519150E+22	2,519121E+22	2,401053E+22	2,158460E+22	1,820679E+22	1,478229E+22	1,258515E+22	1,258500E+22	1,478181E+22	1,820608E+22
-1068	2,158397E+22	2,401011E+22	2,519101E+22	2,519144E+22	2,401092E+22	2,158482E+22	1,820692E+22	1,478244E+22	1,258529E+22	1,258514E+22	1,478205E+22	1,820654E+22
-1067	2,158492E+22	2,401150E+22	2,519208E+22	2,519196E+22	2,401097E+22	2,158441E+22	1,820627E+22	1,478187E+22	1,258499E+22	1,258519E+22	1,478242E+22	1,820683E+22
-1066	2,158447E+22	2,401038E+22	2,519083E+22	2,519104E+22	2,401080E+22	2,158479E+22	1,820676E+22	1,478216E+22	1,258501E+22	1,258495E+22	1,478197E+22	1,820634E+22
-1065	2,158413E+22	2,401043E+22	2,519146E+22	2,519166E+22	2,401100E+22	2,158480E+22	1,820675E+22	1,478220E+22	1,258512E+22	1,258512E+22	1,478231E+22	1,820717E+22
-1064	2,158552E+22	2,401164E+22	2,519195E+22	2,519154E+22	2,401052E+22	2,158430E+22	1,820644E+22	1,478206E+22	1,258517E+22	1,258534E+22	1,478241E+22	1,820666E+22
-1063	2,158436E+22	2,401021E+22	2,519060E+22	2,519092E+22	2,401059E+22	2,158471E+22	1,820708E+22	1,478284E+22	1,258582E+22	1,258562E+22	1,478228E+22	1,820629E+22
-1062	2,158422E+22	2,401096E+22	2,519188E+22	2,519182E+22	2,401107E+22	2,158479E+22	1,820683E+22	1,478269E+22	1,258602E+22	1,258612E+22	1,478303E+22	1,820725E+22
-1061	2,158485E+22	2,401080E+22	2,519137E+22	2,519123E+22	2,401053E+22	2,158453E+22	1,820690E+22	1,478288E+22	1,258628E+22	1,258637E+22	1,478298E+22	1,820671E+22
-1060	2,158393E+22	2,400945E+22	2,519006E+22	2,519066E+22	2,401056E+22	2,158488E+22	1,820747E+22	1,478354E+22	1,258683E+22	1,258673E+22	1,478324E+22	1,820707E+22
-1059	2,158475E+22	2,401090E+22	2,519131E+22	2,519119E+22	2,401051E+22	2,158449E+22	1,820704E+22	1,478333E+22	1,258688E+22	1,258699E+22	1,478372E+22	1,820756E+22
-1058	2,158471E+22	2,401021E+22	2,519033E+22	2,519020E+22	2,400993E+22	2,158448E+22	1,820739E+22	1,478372E+22	1,258714E+22	1,258699E+22	1,478329E+22	1,820677E+22
-1057	2,158390E+22	2,400979E+22	2,519067E+22	2,519082E+22	2,401022E+22	2,158448E+22	1,820735E+22	1,478379E+22	1,258729E+22	1,258718E+22	1,478357E+22	1,820738E+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	2,158509E+22	2,401117E+22	2,519157E+22	2,519122E+22	2,401020E+22	2,158409E+22	1,820677E+22	1,478323E+22	1,258699E+22	1,258723E+22	1,478382E+22	1,820725E+22
-1055	2,158417E+22	2,400971E+22	2,519006E+22	2,519035E+22	2,401025E+22	2,158462E+22	1,820734E+22	1,478362E+22	1,258705E+22	1,258693E+22	1,478329E+22	1,820678E+22
-1054	2,158398E+22	2,401019E+22	2,519116E+22	2,519132E+22	2,401083E+22	2,158484E+22	1,820716E+22	1,478324E+22	1,258668E+22	1,258670E+22	1,478342E+22	1,820758E+22
-1053	2,158517E+22	2,401084E+22	2,519117E+22	2,519108E+22	2,401043E+22	2,158447E+22	1,820694E+22	1,478298E+22	1,258634E+22	1,258636E+22	1,478295E+22	1,820677E+22
-1052	2,158420E+22	2,400975E+22	2,519001E+22	2,519040E+22	2,401036E+22	2,158475E+22	1,820736E+22	1,478332E+22	1,258641E+22	1,258614E+22	1,478264E+22	1,820657E+22
-1051	2,158443E+22	2,401107E+22	2,519178E+22	2,519150E+22	2,401064E+22	2,158445E+22	1,820680E+22	1,478281E+22	1,258607E+22	1,258606E+22	1,478292E+22	1,820709E+22
-1050	2,158458E+22	2,401052E+22	2,519109E+22	2,519096E+22	2,401034E+22	2,158442E+22	1,820683E+22	1,478273E+22	1,258591E+22	1,258585E+22	1,478248E+22	1,820636E+22
-1049	2,158373E+22	2,400966E+22	2,519070E+22	2,519119E+22	2,401070E+22	2,158464E+22	1,820690E+22	1,478270E+22	1,258585E+22	1,258580E+22	1,478262E+22	1,820693E+22
-1048	2,158499E+22	2,401127E+22	2,519171E+22	2,519161E+22	2,401077E+22	2,158438E+22	1,820642E+22	1,478217E+22	1,258548E+22	1,258579E+22	1,478293E+22	1,820713E+22
-1047	2,158457E+22	2,401025E+22	2,519037E+22	2,519041E+22	2,401033E+22	2,158464E+22	1,820700E+22	1,478273E+22	1,258576E+22	1,258564E+22	1,478239E+22	1,820649E+22
-1046	2,158410E+22	2,401039E+22	2,519130E+22	2,519131E+22	2,401072E+22	2,158472E+22	1,820697E+22	1,478281E+22	1,258596E+22	1,258585E+22	1,478265E+22	1,820712E+22
-1045	2,158521E+22	2,401129E+22	2,519176E+22	2,519151E+22	2,401050E+22	2,158426E+22	1,820667E+22	1,478272E+22	1,258612E+22	1,258621E+22	1,478286E+22	1,820669E+22
-1044	2,158415E+22	2,400984E+22	2,519015E+22	2,519051E+22	2,401035E+22	2,158460E+22	1,820723E+22	1,478338E+22	1,258671E+22	1,258659E+22	1,478301E+22	1,820659E+22
-1043	2,158398E+22	2,401047E+22	2,519142E+22	2,519140E+22	2,401072E+22	2,158462E+22	1,820707E+22	1,478334E+22	1,258688E+22	1,258696E+22	1,478365E+22	1,820753E+22
-1042	2,158468E+22	2,401025E+22	2,519069E+22	2,519065E+22	2,401019E+22	2,158450E+22	1,820724E+22	1,478357E+22	1,258717E+22	1,258723E+22	1,478360E+22	1,820699E+22
-1041	2,158386E+22	2,400922E+22	2,518973E+22	2,519016E+22	2,401006E+22	2,158460E+22	1,820758E+22	1,478407E+22	1,258761E+22	1,258746E+22	1,478370E+22	1,820726E+22
-1040	2,158476E+22	2,401083E+22	2,519114E+22	2,519081E+22	2,401009E+22	2,158425E+22	1,820712E+22	1,478377E+22	1,258761E+22	1,258779E+22	1,478424E+22	1,820765E+22
-1039	2,158454E+22	2,400997E+22	2,519007E+22	2,518984E+22	2,400950E+22	2,158417E+22	1,820745E+22	1,478424E+22	1,258798E+22	1,258786E+22	1,478389E+22	1,820694E+22
-1038	2,158367E+22	2,400945E+22	2,519039E+22	2,519067E+22	2,401019E+22	2,158444E+22	1,820739E+22	1,478418E+22	1,258799E+22	1,258791E+22	1,478408E+22	1,820755E+22
-1037	2,158486E+22	2,401067E+22	2,519114E+22	2,519107E+22	2,401029E+22	2,158424E+22	1,820701E+22	1,478367E+22	1,258762E+22	1,258785E+22	1,478422E+22	1,820748E+22
-1036	2,158425E+22	2,400947E+22	2,518952E+22	2,518973E+22	2,400987E+22	2,158455E+22	1,820755E+22	1,478404E+22	1,258762E+22	1,258751E+22	1,478370E+22	1,820699E+22
-1035	2,158397E+22	2,401003E+22	2,519089E+22	2,519086E+22	2,401033E+22	2,158459E+22	1,820739E+22	1,478384E+22	1,258735E+22	1,258723E+22	1,478365E+22	1,820753E+22
-1034	2,158496E+22	2,401058E+22	2,519092E+22	2,519074E+22	2,401009E+22	2,158431E+22	1,820713E+22	1,478355E+22	1,258712E+22	1,258708E+22	1,478334E+22	1,820673E+22
-1033	2,158384E+22	2,400946E+22	2,518995E+22	2,519026E+22	2,401007E+22	2,158444E+22	1,820730E+22	1,478366E+22	1,258706E+22	1,258685E+22	1,478312E+22	1,820668E+22
-1032	2,158422E+22	2,401068E+22	2,519150E+22	2,519136E+22	2,401061E+22	2,158441E+22	1,820681E+22	1,478303E+22	1,258661E+22	1,258679E+22	1,478355E+22	1,820737E+22
-1031	2,158447E+22	2,401008E+22	2,519053E+22	2,519045E+22	2,401004E+22	2,158436E+22	1,820701E+22	1,478316E+22	1,258655E+22	1,258656E+22	1,478308E+22	1,820674E+22
-1030	2,158378E+22	2,400937E+22	2,519024E+22	2,519076E+22	2,401051E+22	2,158466E+22	1,820711E+22	1,478318E+22	1,258647E+22	1,258638E+22	1,478301E+22	1,820713E+22
-1029	2,158504E+22	2,401111E+22	2,519142E+22	2,519129E+22	2,401059E+22	2,158440E+22	1,820671E+22	1,478277E+22	1,258625E+22	1,258643E+22	1,478323E+22	1,820722E+22
-1028	2,158466E+22	2,401026E+22	2,519014E+22	2,518985E+22	2,400976E+22	2,158435E+22	1,820713E+22	1,478328E+22	1,258659E+22	1,258646E+22	1,478289E+22	1,820655E+22
-1027	2,158385E+22	2,401013E+22	2,519119E+22	2,519113E+22	2,401034E+22	2,158439E+22	1,820710E+22	1,478346E+22	1,258687E+22	1,258672E+22	1,478317E+22	1,820715E+22
-1026	2,158481E+22	2,401071E+22	2,519131E+22	2,519126E+22	2,401040E+22	2,158423E+22	1,820683E+22	1,478330E+22	1,258704E+22	1,258718E+22	1,478357E+22	1,820692E+22
-1025	2,158383E+22	2,400929E+22	2,518970E+22	2,519007E+22	2,401004E+22	2,158448E+22	1,820736E+22	1,478384E+22	1,258745E+22	1,258739E+22	1,478364E+22	1,820694E+22
-1024	2,158400E+22	2,401008E+22	2,519087E+22	2,519088E+22	2,401040E+22	2,158457E+22	1,820731E+22	1,478382E+22	1,258759E+22	1,258774E+22	1,478423E+22	1,820778E+22
-1023	2,158470E+22	2,401001E+22	2,519017E+22	2,518992E+22	2,400954E+22	2,158423E+22	1,820748E+22	1,478426E+22	1,258808E+22	1,258807E+22	1,478413E+22	1,820716E+22
-1022	2,158379E+22	2,400907E+22	2,518952E+22	2,518980E+22	2,400969E+22	2,158437E+22	1,820768E+22	1,478464E+22	1,258848E+22	1,258828E+22	1,478416E+22	1,820729E+22
-1021	2,158451E+22	2,401052E+22	2,519098E+22	2,519077E+22	2,401002E+22	2,158414E+22	1,820724E+22	1,478430E+22	1,258846E+22	1,258861E+22	1,478473E+22	1,820777E+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	2,158443E+22	2,400967E+22	2,518970E+22	2,518947E+22	2,400927E+22	2,158405E+22	1,820750E+22	1,478461E+22	1,258867E+22	1,258867E+22	1,478453E+22	1,820722E+22
-1019	2,158355E+22	2,400908E+22	2,519007E+22	2,519040E+22	2,400995E+22	2,158436E+22	1,820763E+22	1,478469E+22	1,258863E+22	1,258852E+22	1,478450E+22	1,820772E+22
-1018	2,158475E+22	2,401025E+22	2,519062E+22	2,519068E+22	2,401014E+22	2,158433E+22	1,820734E+22	1,478424E+22	1,258831E+22	1,258848E+22	1,478462E+22	1,820759E+22
-1017	2,158412E+22	2,400929E+22	2,518933E+22	2,518933E+22	2,400948E+22	2,158440E+22	1,820771E+22	1,478451E+22	1,258825E+22	1,258808E+22	1,478403E+22	1,820705E+22
-1016	2,158389E+22	2,400984E+22	2,519072E+22	2,519058E+22	2,401001E+22	2,158444E+22	1,820751E+22	1,478423E+22	1,258800E+22	1,258795E+22	1,478411E+22	1,820752E+22
-1015	2,158465E+22	2,401018E+22	2,519057E+22	2,519038E+22	2,400970E+22	2,158406E+22	1,820722E+22	1,478403E+22	1,258789E+22	1,258791E+22	1,478397E+22	1,820695E+22
-1014	2,158365E+22	2,400904E+22	2,518953E+22	2,519000E+22	2,400999E+22	2,158439E+22	1,820731E+22	1,478398E+22	1,258768E+22	1,258754E+22	1,478367E+22	1,820697E+22
-1013	2,158417E+22	2,401027E+22	2,519099E+22	2,519099E+22	2,401048E+22	2,158447E+22	1,820701E+22	1,478343E+22	1,258719E+22	1,258737E+22	1,478396E+22	1,820770E+22
-1012	2,158474E+22	2,400999E+22	2,519007E+22	2,518978E+22	2,400951E+22	2,158415E+22	1,820713E+22	1,478356E+22	1,258713E+22	1,258715E+22	1,478352E+22	1,820699E+22
-1011	2,158391E+22	2,400940E+22	2,519014E+22	2,519038E+22	2,400995E+22	2,158431E+22	1,820727E+22	1,478375E+22	1,258717E+22	1,258695E+22	1,478325E+22	1,820705E+22
-1010	2,158482E+22	2,401088E+22	2,519128E+22	2,519109E+22	2,401033E+22	2,158425E+22	1,820689E+22	1,478337E+22	1,258710E+22	1,258723E+22	1,478365E+22	1,820711E+22
-1009	2,158423E+22	2,400993E+22	2,519014E+22	2,518981E+22	2,400959E+22	2,158417E+22	1,820716E+22	1,478372E+22	1,258735E+22	1,258728E+22	1,478345E+22	1,820665E+22
-1008	2,158355E+22	2,400960E+22	2,519080E+22	2,519093E+22	2,401031E+22	2,158447E+22	1,820728E+22	1,478387E+22	1,258761E+22	1,258762E+22	1,478385E+22	1,820733E+22
-1007	2,158453E+22	2,401010E+22	2,519063E+22	2,519067E+22	2,401006E+22	2,158425E+22	1,820719E+22	1,478395E+22	1,258791E+22	1,258808E+22	1,478427E+22	1,820728E+22
-1006	2,158382E+22	2,400888E+22	2,518907E+22	2,518951E+22	2,400974E+22	2,158444E+22	1,820762E+22	1,478448E+22	1,258831E+22	1,258819E+22	1,478416E+22	1,820717E+22
-1005	2,158401E+22	2,400983E+22	2,519042E+22	2,519036E+22	2,401002E+22	2,158448E+22	1,820760E+22	1,478452E+22	1,258852E+22	1,258856E+22	1,478468E+22	1,820795E+22
-1004	2,158477E+22	2,400992E+22	2,518989E+22	2,518935E+22	2,400888E+22	2,158380E+22	1,820752E+22	1,478481E+22	1,258898E+22	1,258902E+22	1,478480E+22	1,820737E+22
-1003	2,158364E+22	2,400882E+22	2,518941E+22	2,518964E+22	2,400929E+22	2,158398E+22	1,820771E+22	1,478518E+22	1,258930E+22	1,258913E+22	1,478475E+22	1,820743E+22
-1002	2,158424E+22	2,401002E+22	2,519057E+22	2,519057E+22	2,400998E+22	2,158418E+22	1,820739E+22	1,478474E+22	1,258921E+22	1,258945E+22	1,478538E+22	1,820802E+22
-1001	2,158424E+22	2,400932E+22	2,518942E+22	2,518914E+22	2,400904E+22	2,158402E+22	1,820764E+22	1,478495E+22	1,258921E+22	1,258926E+22	1,478499E+22	1,820749E+22
-1000	2,158361E+22	2,400884E+22	2,518968E+22	2,519001E+22	2,400973E+22	2,158440E+22	1,820788E+22	1,478510E+22	1,258919E+22	1,258910E+22	1,478485E+22	1,820774E+22
-999	2,158464E+22	2,401004E+22	2,519023E+22	2,519013E+22	2,400965E+22	2,158418E+22	1,820762E+22	1,478486E+22	1,258908E+22	1,258915E+22	1,478498E+22	1,820761E+22
-998	2,158392E+22	2,400902E+22	2,518907E+22	2,518910E+22	2,400924E+22	2,158422E+22	1,820781E+22	1,478501E+22	1,258899E+22	1,258877E+22	1,478440E+22	1,820703E+22
-997	2,158361E+22	2,400943E+22	2,519041E+22	2,519046E+22	2,400993E+22	2,158440E+22	1,820765E+22	1,478469E+22	1,258871E+22	1,258865E+22	1,478459E+22	1,820771E+22
-996	2,158458E+22	2,400983E+22	2,519009E+22	2,518987E+22	2,400929E+22	2,158386E+22	1,820724E+22	1,478435E+22	1,258848E+22	1,258863E+22	1,478461E+22	1,820730E+22
-995	2,158364E+22	2,400875E+22	2,518919E+22	2,518964E+22	2,400958E+22	2,158418E+22	1,820747E+22	1,478441E+22	1,258822E+22	1,258809E+22	1,478408E+22	1,820717E+22
-994	2,158419E+22	2,401004E+22	2,519059E+22	2,519062E+22	2,401023E+22	2,158442E+22	1,820720E+22	1,478391E+22	1,258784E+22	1,258798E+22	1,478434E+22	1,820777E+22
-993	2,158466E+22	2,400999E+22	2,519004E+22	2,518946E+22	2,400908E+22	2,158391E+22	1,820719E+22	1,478396E+22	1,258775E+22	1,258774E+22	1,478385E+22	1,820701E+22
-992	2,158379E+22	2,400926E+22	2,519008E+22	2,519028E+22	2,400973E+22	2,158417E+22	1,820737E+22	1,478417E+22	1,258790E+22	1,258775E+22	1,478371E+22	1,820696E+22
-991	2,158439E+22	2,401039E+22	2,519092E+22	2,519086E+22	2,401011E+22	2,158413E+22	1,820707E+22	1,478396E+22	1,258799E+22	1,258815E+22	1,478432E+22	1,820730E+22
-990	2,158391E+22	2,400930E+22	2,518955E+22	2,518956E+22	2,400957E+22	2,158424E+22	1,820736E+22	1,478422E+22	1,258816E+22	1,258814E+22	1,478410E+22	1,820694E+22
-989	2,158343E+22	2,400903E+22	2,519008E+22	2,519042E+22	2,401011E+22	2,158460E+22	1,820767E+22	1,478449E+22	1,258842E+22	1,258839E+22	1,478444E+22	1,820769E+22
-988	2,158467E+22	2,400984E+22	2,518997E+22	2,518982E+22	2,400936E+22	2,158398E+22	1,820741E+22	1,478457E+22	1,258876E+22	1,258893E+22	1,478490E+22	1,820760E+22
-987	2,158390E+22	2,400882E+22	2,518884E+22	2,518900E+22	2,400903E+22	2,158401E+22	1,820779E+22	1,478515E+22	1,258920E+22	1,258900E+22	1,478462E+22	1,820723E+22
-986	2,158387E+22	2,400962E+22	2,519019E+22	2,519010E+22	2,400966E+22	2,158421E+22	1,820770E+22	1,478511E+22	1,258946E+22	1,258950E+22	1,478528E+22	1,820800E+22
-985	2,158447E+22	2,400971E+22	2,518985E+22	2,518926E+22	2,400867E+22	2,158357E+22	1,820749E+22	1,478518E+22	1,258970E+22	1,258983E+22	1,478542E+22	1,820761E+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	2,158351E+22	2,400848E+22	2,518912E+22	2,518952E+22	2,400928E+22	2,158405E+22	1,820786E+22	1,478551E+22	1,258994E+22	1,258990E+22	1,478533E+22	1,820760E+22
-983	2,158402E+22	2,400954E+22	2,519003E+22	2,519014E+22	2,400975E+22	2,158426E+22	1,820778E+22	1,478536E+22	1,258995E+22	1,259016E+22	1,478589E+22	1,820827E+22
-982	2,158420E+22	2,400899E+22	2,518892E+22	2,518881E+22	2,400891E+22	2,158409E+22	1,820796E+22	1,478555E+22	1,258994E+22	1,258988E+22	1,478533E+22	1,820755E+22
-981	2,158354E+22	2,400861E+22	2,518925E+22	2,518956E+22	2,400942E+22	2,158440E+22	1,820823E+22	1,478575E+22	1,258998E+22	1,258975E+22	1,478518E+22	1,820775E+22
-980	2,158449E+22	2,400982E+22	2,518990E+22	2,518964E+22	2,400906E+22	2,158380E+22	1,820767E+22	1,478537E+22	1,258987E+22	1,258997E+22	1,478557E+22	1,820776E+22
-979	2,158371E+22	2,400871E+22	2,518885E+22	2,518889E+22	2,400880E+22	2,158382E+22	1,820779E+22	1,478543E+22	1,258967E+22	1,258949E+22	1,478494E+22	1,820721E+22
-978	2,158338E+22	2,400895E+22	2,518987E+22	2,519012E+22	2,400974E+22	2,158431E+22	1,820771E+22	1,478503E+22	1,258932E+22	1,258936E+22	1,478518E+22	1,820798E+22
-977	2,158451E+22	2,400965E+22	2,518981E+22	2,518949E+22	2,400894E+22	2,158368E+22	1,820727E+22	1,478458E+22	1,258889E+22	1,258910E+22	1,478503E+22	1,820761E+22
-976	2,158382E+22	2,400873E+22	2,518895E+22	2,518932E+22	2,400928E+22	2,158407E+22	1,820756E+22	1,478470E+22	1,258871E+22	1,258860E+22	1,478436E+22	1,820716E+22
-975	2,158406E+22	2,400993E+22	2,519039E+22	2,519027E+22	2,400983E+22	2,158426E+22	1,820743E+22	1,478447E+22	1,258857E+22	1,258863E+22	1,478468E+22	1,820775E+22
-974	2,158441E+22	2,400972E+22	2,518987E+22	2,518948E+22	2,400905E+22	2,158382E+22	1,820731E+22	1,478445E+22	1,258850E+22	1,258845E+22	1,478424E+22	1,820695E+22
-973	2,158344E+22	2,400878E+22	2,518967E+22	2,519017E+22	2,400978E+22	2,158429E+22	1,820765E+22	1,478474E+22	1,258871E+22	1,258852E+22	1,478427E+22	1,820713E+22
-972	2,158413E+22	2,400985E+22	2,519029E+22	2,519032E+22	2,400976E+22	2,158406E+22	1,820731E+22	1,478450E+22	1,258879E+22	1,258903E+22	1,478506E+22	1,820770E+22
-971	2,158385E+22	2,400888E+22	2,518900E+22	2,518904E+22	2,400906E+22	2,158405E+22	1,820769E+22	1,478490E+22	1,258897E+22	1,258892E+22	1,478467E+22	1,820723E+22
-970	2,158344E+22	2,400873E+22	2,518946E+22	2,518979E+22	2,400965E+22	2,158447E+22	1,820796E+22	1,478519E+22	1,258934E+22	1,258927E+22	1,478502E+22	1,820787E+22
-969	2,158462E+22	2,400986E+22	2,518982E+22	2,518930E+22	2,400871E+22	2,158359E+22	1,820747E+22	1,478508E+22	1,258958E+22	1,258975E+22	1,478546E+22	1,820779E+22
-968	2,158385E+22	2,400874E+22	2,518877E+22	2,518884E+22	2,400868E+22	2,158370E+22	1,820778E+22	1,478558E+22	1,259003E+22	1,258993E+22	1,478522E+22	1,820730E+22
-967	2,158357E+22	2,400923E+22	2,518989E+22	2,518990E+22	2,400945E+22	2,158405E+22	1,820781E+22	1,478565E+22	1,259033E+22	1,259043E+22	1,478599E+22	1,820829E+22
-966	2,158427E+22	2,400919E+22	2,518934E+22	2,518913E+22	2,400874E+22	2,158365E+22	1,820767E+22	1,478563E+22	1,259041E+22	1,259057E+22	1,478595E+22	1,820785E+22
-965	2,158344E+22	2,400809E+22	2,518856E+22	2,518915E+22	2,400918E+22	2,158424E+22	1,820830E+22	1,478615E+22	1,259066E+22	1,259051E+22	1,478575E+22	1,820782E+22
-964	2,158401E+22	2,400931E+22	2,518952E+22	2,518944E+22	2,400914E+22	2,158404E+22	1,820805E+22	1,478599E+22	1,259073E+22	1,259085E+22	1,478633E+22	1,820838E+22
-963	2,158408E+22	2,400882E+22	2,518869E+22	2,518840E+22	2,400831E+22	2,158375E+22	1,820819E+22	1,478619E+22	1,259074E+22	1,259058E+22	1,478568E+22	1,820749E+22
-962	2,158323E+22	2,400826E+22	2,518891E+22	2,518931E+22	2,400915E+22	2,158418E+22	1,820832E+22	1,478626E+22	1,259081E+22	1,259060E+22	1,478573E+22	1,820778E+22
-961	2,158412E+22	2,400952E+22	2,518967E+22	2,518938E+22	2,400879E+22	2,158354E+22	1,820757E+22	1,478561E+22	1,259044E+22	1,259066E+22	1,478616E+22	1,820807E+22
-960	2,158364E+22	2,400841E+22	2,518851E+22	2,518867E+22	2,400868E+22	2,158376E+22	1,820780E+22	1,478562E+22	1,259015E+22	1,259012E+22	1,478545E+22	1,820745E+22
-959	2,158332E+22	2,400864E+22	2,518941E+22	2,518970E+22	2,400944E+22	2,158422E+22	1,820792E+22	1,478547E+22	1,258989E+22	1,258991E+22	1,478561E+22	1,820826E+22
-958	2,158458E+22	2,400947E+22	2,518945E+22	2,518927E+22	2,400884E+22	2,158364E+22	1,820745E+22	1,478502E+22	1,258947E+22	1,258958E+22	1,478526E+22	1,820765E+22
-957	2,158378E+22	2,400867E+22	2,518876E+22	2,518908E+22	2,400908E+22	2,158408E+22	1,820788E+22	1,478528E+22	1,258940E+22	1,258916E+22	1,478466E+22	1,820715E+22
-956	2,158380E+22	2,400966E+22	2,519014E+22	2,518995E+22	2,400941E+22	2,158398E+22	1,820756E+22	1,478501E+22	1,258937E+22	1,258944E+22	1,478524E+22	1,820785E+22
-955	2,158410E+22	2,400929E+22	2,518955E+22	2,518928E+22	2,400879E+22	2,158366E+22	1,820749E+22	1,478498E+22	1,258929E+22	1,258927E+22	1,478483E+22	1,820715E+22
-954	2,158319E+22	2,400822E+22	2,518896E+22	2,518967E+22	2,400959E+22	2,158433E+22	1,820791E+22	1,478529E+22	1,258952E+22	1,258940E+22	1,478495E+22	1,820742E+22
-953	2,158402E+22	2,400959E+22	2,518979E+22	2,518970E+22	2,400925E+22	2,158386E+22	1,820746E+22	1,478497E+22	1,258948E+22	1,258974E+22	1,478563E+22	1,820808E+22
-952	2,158401E+22	2,400882E+22	2,518867E+22	2,518855E+22	2,400856E+22	2,158377E+22	1,820776E+22	1,478539E+22	1,258976E+22	1,258970E+22	1,478514E+22	1,820732E+22
-951	2,158331E+22	2,400859E+22	2,518923E+22	2,518936E+22	2,400910E+22	2,158412E+22	1,820812E+22	1,478585E+22	1,259028E+22	1,259016E+22	1,478559E+22	1,820801E+22
-950	2,158442E+22	2,400958E+22	2,518965E+22	2,518933E+22	2,400865E+22	2,158340E+22	1,820752E+22	1,478559E+22	1,259043E+22	1,259061E+22	1,478601E+22	1,820789E+22
-949	2,158361E+22	2,400839E+22	2,518845E+22	2,518872E+22	2,400871E+22	2,158381E+22	1,820804E+22	1,478612E+22	1,259082E+22	1,259071E+22	1,478581E+22	1,820754E+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	2,158333E+22	2,400874E+22	2,518935E+22	2,518945E+22	2,400916E+22	2,158402E+22	1,820808E+22	1,478622E+22	1,259113E+22	1,259125E+22	1,478662E+22	1,820861E+22
-947	2,158421E+22	2,400883E+22	2,518887E+22	2,518872E+22	2,400838E+22	2,158358E+22	1,820805E+22	1,478630E+22	1,259120E+22	1,259127E+22	1,478639E+22	1,820799E+22
-946	2,158334E+22	2,400777E+22	2,518795E+22	2,518856E+22	2,400883E+22	2,158420E+22	1,820863E+22	1,478684E+22	1,259156E+22	1,259133E+22	1,478621E+22	1,820783E+22
-945	2,158376E+22	2,400918E+22	2,518931E+22	2,518897E+22	2,400859E+22	2,158370E+22	1,820812E+22	1,478649E+22	1,259150E+22	1,259161E+22	1,478683E+22	1,820852E+22
-944	2,158392E+22	2,400858E+22	2,518850E+22	2,518820E+22	2,400798E+22	2,158339E+22	1,820809E+22	1,478655E+22	1,259149E+22	1,259142E+22	1,478625E+22	1,820759E+22
-943	2,158291E+22	2,400779E+22	2,518847E+22	2,518896E+22	2,400888E+22	2,158398E+22	1,820835E+22	1,478665E+22	1,259150E+22	1,259138E+22	1,478640E+22	1,820816E+22
-942	2,158405E+22	2,400907E+22	2,518915E+22	2,518915E+22	2,400876E+22	2,158352E+22	1,820764E+22	1,478587E+22	1,259091E+22	1,259119E+22	1,478659E+22	1,820838E+22
-941	2,158376E+22	2,400827E+22	2,518810E+22	2,518827E+22	2,400851E+22	2,158384E+22	1,820808E+22	1,478604E+22	1,259063E+22	1,259050E+22	1,478573E+22	1,820766E+22
-940	2,158340E+22	2,400860E+22	2,518913E+22	2,518917E+22	2,400893E+22	2,158397E+22	1,820807E+22	1,478596E+22	1,259052E+22	1,259044E+22	1,478589E+22	1,820831E+22
-939	2,158450E+22	2,400941E+22	2,518941E+22	2,518908E+22	2,400845E+22	2,158340E+22	1,820764E+22	1,478557E+22	1,259017E+22	1,259018E+22	1,478551E+22	1,820751E+22
-938	2,158343E+22	2,400833E+22	2,518849E+22	2,518894E+22	2,400900E+22	2,158402E+22	1,820805E+22	1,478583E+22	1,259023E+22	1,259000E+22	1,478517E+22	1,820711E+22
-937	2,158334E+22	2,400927E+22	2,518984E+22	2,518967E+22	2,400921E+22	2,158387E+22	1,820763E+22	1,478540E+22	1,259005E+22	1,259020E+22	1,478585E+22	1,820813E+22
-936	2,158393E+22	2,400887E+22	2,518909E+22	2,518893E+22	2,400860E+22	2,158362E+22	1,820763E+22	1,478542E+22	1,259002E+22	1,259007E+22	1,478541E+22	1,820741E+22
-935	2,158308E+22	2,400783E+22	2,518836E+22	2,518906E+22	2,400917E+22	2,158420E+22	1,820819E+22	1,478593E+22	1,259036E+22	1,259021E+22	1,478555E+22	1,820777E+22
-934	2,158408E+22	2,400932E+22	2,518930E+22	2,518926E+22	2,400894E+22	2,158368E+22	1,820762E+22	1,478555E+22	1,259030E+22	1,259049E+22	1,478606E+22	1,820823E+22
-933	2,158400E+22	2,400876E+22	2,518849E+22	2,518824E+22	2,400822E+22	2,158361E+22	1,820798E+22	1,478602E+22	1,259063E+22	1,259050E+22	1,478566E+22	1,820748E+22
-932	2,158310E+22	2,400832E+22	2,518900E+22	2,518906E+22	2,400865E+22	2,158370E+22	1,820811E+22	1,478639E+22	1,259119E+22	1,259112E+22	1,478628E+22	1,820825E+22
-931	2,158418E+22	2,400912E+22	2,518930E+22	2,518911E+22	2,400845E+22	2,158330E+22	1,820769E+22	1,478611E+22	1,259124E+22	1,259148E+22	1,478663E+22	1,820812E+22
-930	2,158341E+22	2,400789E+22	2,518784E+22	2,518829E+22	2,400860E+22	2,158394E+22	1,820837E+22	1,478671E+22	1,259165E+22	1,259158E+22	1,478644E+22	1,820775E+22
-929	2,158319E+22	2,400848E+22	2,518888E+22	2,518884E+22	2,400871E+22	2,158389E+22	1,820832E+22	1,478676E+22	1,259184E+22	1,259194E+22	1,478709E+22	1,820883E+22
-928	2,158423E+22	2,400871E+22	2,518856E+22	2,518825E+22	2,400797E+22	2,158338E+22	1,820818E+22	1,478686E+22	1,259204E+22	1,259204E+22	1,478677E+22	1,820797E+22
-927	2,158309E+22	2,400751E+22	2,518765E+22	2,518810E+22	2,400836E+22	2,158392E+22	1,820879E+22	1,478747E+22	1,259246E+22	1,259219E+22	1,478676E+22	1,820795E+22
-926	2,158349E+22	2,400869E+22	2,518897E+22	2,518888E+22	2,400851E+22	2,158352E+22	1,820814E+22	1,478690E+22	1,259222E+22	1,259236E+22	1,478733E+22	1,820867E+22
-925	2,158374E+22	2,400822E+22	2,518815E+22	2,518798E+22	2,400793E+22	2,158345E+22	1,820827E+22	1,478695E+22	1,259208E+22	1,259205E+22	1,478680E+22	1,820793E+22
-924	2,158282E+22	2,400742E+22	2,518802E+22	2,518848E+22	2,400848E+22	2,158380E+22	1,820847E+22	1,478705E+22	1,259208E+22	1,259200E+22	1,478691E+22	1,820851E+22
-923	2,158416E+22	2,400890E+22	2,518883E+22	2,518875E+22	2,400841E+22	2,158345E+22	1,820792E+22	1,478636E+22	1,259149E+22	1,259170E+22	1,478687E+22	1,820845E+22
-922	2,158376E+22	2,400819E+22	2,518782E+22	2,518785E+22	2,400824E+22	2,158381E+22	1,820834E+22	1,478659E+22	1,259134E+22	1,259114E+22	1,478602E+22	1,820755E+22
-921	2,158317E+22	2,400857E+22	2,518911E+22	2,518890E+22	2,400853E+22	2,158370E+22	1,820812E+22	1,478638E+22	1,259118E+22	1,259109E+22	1,478626E+22	1,820832E+22
-920	2,158426E+22	2,400915E+22	2,518930E+22	2,518905E+22	2,400834E+22	2,158318E+22	1,820757E+22	1,478595E+22	1,259093E+22	1,259098E+22	1,478600E+22	1,820755E+22
-919	2,158303E+22	2,400775E+22	2,518798E+22	2,518857E+22	2,400884E+22	2,158397E+22	1,820820E+22	1,478632E+22	1,259100E+22	1,259084E+22	1,478586E+22	1,820749E+22
-918	2,158320E+22	2,400862E+22	2,518920E+22	2,518934E+22	2,400912E+22	2,158390E+22	1,820783E+22	1,478584E+22	1,259069E+22	1,259087E+22	1,478636E+22	1,820845E+22
-917	2,158403E+22	2,400866E+22	2,518860E+22	2,518836E+22	2,400824E+22	2,158358E+22	1,820794E+22	1,478599E+22	1,259070E+22	1,259068E+22	1,478588E+22	1,820768E+22
-916	2,158309E+22	2,400768E+22	2,518801E+22	2,518840E+22	2,400847E+22	2,158379E+22	1,820829E+22	1,478652E+22	1,259121E+22	1,259101E+22	1,478604E+22	1,820795E+22
-915	2,158404E+22	2,400920E+22	2,518921E+22	2,518896E+22	2,400847E+22	2,158337E+22	1,820774E+22	1,478610E+22	1,259116E+22	1,259132E+22	1,478653E+22	1,820824E+22
-914	2,158374E+22	2,400842E+22	2,518820E+22	2,518804E+22	2,400811E+22	2,158351E+22	1,820810E+22	1,478656E+22	1,259153E+22	1,259146E+22	1,478629E+22	1,820755E+22
-913	2,158279E+22	2,400797E+22	2,518868E+22	2,518876E+22	2,400847E+22	2,158363E+22	1,820821E+22	1,478680E+22	1,259191E+22	1,259192E+22	1,478691E+22	1,820857E+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	2,158410E+22	2,400875E+22	2,518888E+22	2,518881E+22	2,400831E+22	2,158328E+22	1,820788E+22	1,478664E+22	1,259204E+22	1,259227E+22	1,478715E+22	1,820831E+22
-911	2,158327E+22	2,400747E+22	2,518728E+22	2,518769E+22	2,400824E+22	2,158392E+22	1,820876E+22	1,478745E+22	1,259255E+22	1,259241E+22	1,478699E+22	1,820800E+22
-910	2,158311E+22	2,400807E+22	2,518843E+22	2,518846E+22	2,400841E+22	2,158379E+22	1,820858E+22	1,478740E+22	1,259270E+22	1,259271E+22	1,478749E+22	1,820886E+22
-909	2,158407E+22	2,400851E+22	2,518833E+22	2,518790E+22	2,400760E+22	2,158323E+22	1,820842E+22	1,478749E+22	1,259288E+22	1,259286E+22	1,478734E+22	1,820811E+22
-908	2,158281E+22	2,400709E+22	2,518730E+22	2,518770E+22	2,400789E+22	2,158352E+22	1,820875E+22	1,478795E+22	1,259330E+22	1,259309E+22	1,478745E+22	1,820827E+22
-907	2,158339E+22	2,400827E+22	2,518853E+22	2,518849E+22	2,400823E+22	2,158342E+22	1,820825E+22	1,478728E+22	1,259287E+22	1,259309E+22	1,478788E+22	1,820895E+22
-906	2,158374E+22	2,400789E+22	2,518766E+22	2,518754E+22	2,400772E+22	2,158346E+22	1,820848E+22	1,478737E+22	1,259270E+22	1,259270E+22	1,478727E+22	1,820812E+22
-905	2,158289E+22	2,400741E+22	2,518779E+22	2,518802E+22	2,400803E+22	2,158358E+22	1,820855E+22	1,478740E+22	1,259258E+22	1,259247E+22	1,478720E+22	1,820864E+22
-904	2,158422E+22	2,400892E+22	2,518879E+22	2,518854E+22	2,400813E+22	2,158323E+22	1,820794E+22	1,478678E+22	1,259217E+22	1,259228E+22	1,478709E+22	1,820830E+22
-903	2,158346E+22	2,400796E+22	2,518773E+22	2,518768E+22	2,400802E+22	2,158368E+22	1,820849E+22	1,478711E+22	1,259210E+22	1,259188E+22	1,478648E+22	1,820758E+22
-902	2,158280E+22	2,400796E+22	2,518877E+22	2,518890E+22	2,400860E+22	2,158370E+22	1,820821E+22	1,478677E+22	1,259183E+22	1,259177E+22	1,478669E+22	1,820836E+22
-901	2,158396E+22	2,400867E+22	2,518888E+22	2,518878E+22	2,400833E+22	2,158336E+22	1,820787E+22	1,478641E+22	1,259154E+22	1,259164E+22	1,478659E+22	1,820787E+22
-900	2,158290E+22	2,400725E+22	2,518739E+22	2,518795E+22	2,400835E+22	2,158378E+22	1,820838E+22	1,478682E+22	1,259172E+22	1,259157E+22	1,478645E+22	1,820788E+22
-899	2,158332E+22	2,400833E+22	2,518865E+22	2,518866E+22	2,400861E+22	2,158377E+22	1,820811E+22	1,478641E+22	1,259143E+22	1,259155E+22	1,478677E+22	1,820861E+22
-898	2,158407E+22	2,400853E+22	2,518826E+22	2,518783E+22	2,400779E+22	2,158341E+22	1,820814E+22	1,478660E+22	1,259157E+22	1,259153E+22	1,478638E+22	1,820771E+22
-897	2,158297E+22	2,400765E+22	2,518796E+22	2,518808E+22	2,400792E+22	2,158335E+22	1,820823E+22	1,478694E+22	1,259198E+22	1,259183E+22	1,478660E+22	1,820810E+22
-896	2,158388E+22	2,400895E+22	2,518908E+22	2,518889E+22	2,400833E+22	2,158311E+22	1,820765E+22	1,478652E+22	1,259200E+22	1,259222E+22	1,478713E+22	1,820837E+22
-895	2,158344E+22	2,400792E+22	2,518777E+22	2,518770E+22	2,400798E+22	2,158355E+22	1,820831E+22	1,478708E+22	1,259235E+22	1,259235E+22	1,478699E+22	1,820791E+22
-894	2,158268E+22	2,400736E+22	2,518808E+22	2,518844E+22	2,400838E+22	2,158374E+22	1,820853E+22	1,478735E+22	1,259264E+22	1,259262E+22	1,478735E+22	1,820874E+22
-893	2,158410E+22	2,400853E+22	2,518846E+22	2,518831E+22	2,400801E+22	2,158335E+22	1,820831E+22	1,478735E+22	1,259284E+22	1,259297E+22	1,478761E+22	1,820846E+22
-892	2,158312E+22	2,400720E+22	2,518692E+22	2,518708E+22	2,400756E+22	2,158357E+22	1,820896E+22	1,478817E+22	1,259353E+22	1,259330E+22	1,478753E+22	1,820812E+22
-891	2,158295E+22	2,400773E+22	2,518813E+22	2,518807E+22	2,400797E+22	2,158357E+22	1,820876E+22	1,478801E+22	1,259362E+22	1,259362E+22	1,478804E+22	1,820889E+22
-890	2,158379E+22	2,400808E+22	2,518794E+22	2,518760E+22	2,400742E+22	2,158314E+22	1,820855E+22	1,478800E+22	1,259374E+22	1,259380E+22	1,478801E+22	1,820828E+22
-889	2,158262E+22	2,400679E+22	2,518695E+22	2,518732E+22	2,400756E+22	2,158334E+22	1,820876E+22	1,478824E+22	1,259389E+22	1,259380E+22	1,478806E+22	1,820866E+22
-888	2,158348E+22	2,400807E+22	2,518822E+22	2,518821E+22	2,400801E+22	2,158328E+22	1,820829E+22	1,478766E+22	1,259350E+22	1,259370E+22	1,478828E+22	1,820912E+22
-887	2,158373E+22	2,400769E+22	2,518730E+22	2,518711E+22	2,400743E+22	2,158341E+22	1,820871E+22	1,478789E+22	1,259337E+22	1,259331E+22	1,478766E+22	1,820827E+22
-886	2,158284E+22	2,400716E+22	2,518760E+22	2,518789E+22	2,400787E+22	2,158352E+22	1,820873E+22	1,478785E+22	1,259320E+22	1,259301E+22	1,478743E+22	1,820853E+22
-885	2,158401E+22	2,400876E+22	2,518872E+22	2,518843E+22	2,400796E+22	2,158317E+22	1,820814E+22	1,478726E+22	1,259279E+22	1,259290E+22	1,478752E+22	1,820832E+22
-884	2,158304E+22	2,400742E+22	2,518735E+22	2,518737E+22	2,400769E+22	2,158345E+22	1,820853E+22	1,478754E+22	1,259284E+22	1,259268E+22	1,478710E+22	1,820785E+22
-883	2,158264E+22	2,400739E+22	2,518814E+22	2,518841E+22	2,400838E+22	2,158377E+22	1,820845E+22	1,478717E+22	1,259246E+22	1,259247E+22	1,478723E+22	1,820860E+22
-882	2,158391E+22	2,400825E+22	2,518823E+22	2,518815E+22	2,400797E+22	2,158336E+22	1,820815E+22	1,478692E+22	1,259223E+22	1,259235E+22	1,478709E+22	1,820808E+22
-881	2,158301E+22	2,400723E+22	2,518704E+22	2,518731E+22	2,400769E+22	2,158342E+22	1,820842E+22	1,478724E+22	1,259235E+22	1,259219E+22	1,478687E+22	1,820809E+22
-880	2,158346E+22	2,400840E+22	2,518858E+22	2,518835E+22	2,400811E+22	2,158333E+22	1,820803E+22	1,478688E+22	1,259224E+22	1,259229E+22	1,478714E+22	1,820856E+22
-879	2,158384E+22	2,400832E+22	2,518815E+22	2,518767E+22	2,400750E+22	2,158317E+22	1,820821E+22	1,478711E+22	1,259241E+22	1,259240E+22	1,478697E+22	1,820784E+22
-878	2,158269E+22	2,400713E+22	2,518772E+22	2,518814E+22	2,400798E+22	2,158335E+22	1,820834E+22	1,478736E+22	1,259269E+22	1,259259E+22	1,478712E+22	1,820820E+22
-877	2,158365E+22	2,400855E+22	2,518873E+22	2,518868E+22	2,400832E+22	2,158334E+22	1,820804E+22	1,478708E+22	1,259270E+22	1,259296E+22	1,478775E+22	1,820863E+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	2,158324E+22	2,400740E+22	2,518721E+22	2,518718E+22	2,400759E+22	2,158349E+22	1,820866E+22	1,478779E+22	1,259326E+22	1,259321E+22	1,478761E+22	1,820821E+22
-875	2,158271E+22	2,400699E+22	2,518746E+22	2,518777E+22	2,400797E+22	2,158378E+22	1,820896E+22	1,478810E+22	1,259359E+22	1,259348E+22	1,478783E+22	1,820877E+22
-874	2,158393E+22	2,400826E+22	2,518806E+22	2,518777E+22	2,400754E+22	2,158322E+22	1,820864E+22	1,478812E+22	1,259390E+22	1,259397E+22	1,478820E+22	1,820850E+22
-873	2,158292E+22	2,400699E+22	2,518669E+22	2,518670E+22	2,400697E+22	2,158308E+22	1,820891E+22	1,478867E+22	1,259441E+22	1,259425E+22	1,478824E+22	1,820839E+22
-872	2,158281E+22	2,400737E+22	2,518780E+22	2,518784E+22	2,400770E+22	2,158323E+22	1,820863E+22	1,478842E+22	1,259446E+22	1,259452E+22	1,478872E+22	1,820916E+22
-871	2,158363E+22	2,400764E+22	2,518745E+22	2,518722E+22	2,400720E+22	2,158310E+22	1,820869E+22	1,478841E+22	1,259442E+22	1,259459E+22	1,478871E+22	1,820873E+22
-870	2,158269E+22	2,400642E+22	2,518651E+22	2,518703E+22	2,400736E+22	2,158331E+22	1,820893E+22	1,478860E+22	1,259438E+22	1,259428E+22	1,478838E+22	1,820879E+22
-869	2,158357E+22	2,400807E+22	2,518802E+22	2,518787E+22	2,400776E+22	2,158330E+22	1,820859E+22	1,478815E+22	1,259403E+22	1,259416E+22	1,478857E+22	1,820915E+22
-868	2,158356E+22	2,400753E+22	2,518717E+22	2,518682E+22	2,400697E+22	2,158313E+22	1,820883E+22	1,478841E+22	1,259409E+22	1,259395E+22	1,478799E+22	1,820826E+22
-867	2,158262E+22	2,400681E+22	2,518729E+22	2,518764E+22	2,400767E+22	2,158348E+22	1,820892E+22	1,478833E+22	1,259390E+22	1,259370E+22	1,478780E+22	1,820841E+22
-866	2,158358E+22	2,400826E+22	2,518829E+22	2,518820E+22	2,400791E+22	2,158325E+22	1,820838E+22	1,478774E+22	1,259351E+22	1,259367E+22	1,478805E+22	1,820843E+22
-865	2,158284E+22	2,400704E+22	2,518687E+22	2,518692E+22	2,400729E+22	2,158327E+22	1,820862E+22	1,478789E+22	1,259340E+22	1,259332E+22	1,478766E+22	1,820821E+22
-864	2,158272E+22	2,400713E+22	2,518766E+22	2,518794E+22	2,400797E+22	2,158353E+22	1,820852E+22	1,478763E+22	1,259315E+22	1,259311E+22	1,478766E+22	1,820878E+22
-863	2,158392E+22	2,400810E+22	2,518782E+22	2,518761E+22	2,400751E+22	2,158319E+22	1,820835E+22	1,478746E+22	1,259297E+22	1,259306E+22	1,478759E+22	1,820828E+22
-862	2,158298E+22	2,400706E+22	2,518690E+22	2,518714E+22	2,400735E+22	2,158317E+22	1,820849E+22	1,478767E+22	1,259302E+22	1,259284E+22	1,478723E+22	1,820807E+22
-861	2,158329E+22	2,400830E+22	2,518857E+22	2,518833E+22	2,400794E+22	2,158319E+22	1,820815E+22	1,478734E+22	1,259294E+22	1,259304E+22	1,478773E+22	1,820869E+22
-860	2,158349E+22	2,400782E+22	2,518781E+22	2,518748E+22	2,400729E+22	2,158300E+22	1,820828E+22	1,478759E+22	1,259323E+22	1,259329E+22	1,478767E+22	1,820817E+22
-859	2,158257E+22	2,400661E+22	2,518709E+22	2,518767E+22	2,400784E+22	2,158355E+22	1,820871E+22	1,478791E+22	1,259346E+22	1,259339E+22	1,478769E+22	1,820838E+22
-858	2,158350E+22	2,400814E+22	2,518813E+22	2,518812E+22	2,400802E+22	2,158344E+22	1,820851E+22	1,478782E+22	1,259360E+22	1,259380E+22	1,478826E+22	1,820877E+22
-857	2,158322E+22	2,400725E+22	2,518678E+22	2,518656E+22	2,400693E+22	2,158318E+22	1,820886E+22	1,478844E+22	1,259415E+22	1,259406E+22	1,478815E+22	1,820840E+22
-856	2,158269E+22	2,400686E+22	2,518719E+22	2,518738E+22	2,400745E+22	2,158336E+22	1,820900E+22	1,478876E+22	1,259461E+22	1,259443E+22	1,478839E+22	1,820880E+22
-855	2,158361E+22	2,400787E+22	2,518768E+22	2,518744E+22	2,400720E+22	2,158298E+22	1,820873E+22	1,478869E+22	1,259483E+22	1,259498E+22	1,478897E+22	1,820878E+22
-854	2,158268E+22	2,400647E+22	2,518632E+22	2,518658E+22	2,400686E+22	2,158298E+22	1,820896E+22	1,478903E+22	1,259508E+22	1,259501E+22	1,478884E+22	1,820867E+22
-853	2,158277E+22	2,400713E+22	2,518748E+22	2,518757E+22	2,400751E+22	2,158325E+22	1,820887E+22	1,478883E+22	1,259501E+22	1,259515E+22	1,478930E+22	1,820948E+22
-852	2,158357E+22	2,400729E+22	2,518698E+22	2,518676E+22	2,400680E+22	2,158294E+22	1,820889E+22	1,478894E+22	1,259511E+22	1,259522E+22	1,478916E+22	1,820899E+22
-851	2,158280E+22	2,400629E+22	2,518610E+22	2,518653E+22	2,400707E+22	2,158338E+22	1,820926E+22	1,478915E+22	1,259508E+22	1,259488E+22	1,478864E+22	1,820869E+22
-850	2,158333E+22	2,400793E+22	2,518784E+22	2,518756E+22	2,400743E+22	2,158324E+22	1,820890E+22	1,478878E+22	1,259484E+22	1,259488E+22	1,478891E+22	1,820902E+22
-849	2,158325E+22	2,400728E+22	2,518697E+22	2,518661E+22	2,400659E+22	2,158279E+22	1,820881E+22	1,478882E+22	1,259479E+22	1,259470E+22	1,478852E+22	1,820840E+22
-848	2,158241E+22	2,400640E+22	2,518685E+22	2,518741E+22	2,400749E+22	2,158325E+22	1,820887E+22	1,478871E+22	1,259462E+22	1,259444E+22	1,478834E+22	1,820859E+22
-847	2,158331E+22	2,400772E+22	2,518766E+22	2,518773E+22	2,400765E+22	2,158323E+22	1,820857E+22	1,478816E+22	1,259413E+22	1,259436E+22	1,478866E+22	1,820882E+22
-846	2,158285E+22	2,400669E+22	2,518643E+22	2,518655E+22	2,400695E+22	2,158312E+22	1,820876E+22	1,478826E+22	1,259391E+22	1,259381E+22	1,478800E+22	1,820838E+22
-845	2,158282E+22	2,400721E+22	2,518751E+22	2,518757E+22	2,400754E+22	2,158333E+22	1,820871E+22	1,478810E+22	1,259373E+22	1,259367E+22	1,478806E+22	1,820886E+22
-844	2,158375E+22	2,400795E+22	2,518770E+22	2,518735E+22	2,400704E+22	2,158283E+22	1,820839E+22	1,478796E+22	1,259375E+22	1,259383E+22	1,478807E+22	1,820840E+22
-843	2,158283E+22	2,400679E+22	2,518662E+22	2,518696E+22	2,400727E+22	2,158318E+22	1,820864E+22	1,478812E+22	1,259377E+22	1,259362E+22	1,478772E+22	1,820806E+22
-842	2,158291E+22	2,400786E+22	2,518819E+22	2,518814E+22	2,400794E+22	2,158335E+22	1,820847E+22	1,478791E+22	1,259374E+22	1,259387E+22	1,478829E+22	1,820886E+22
-841	2,158334E+22	2,400744E+22	2,518732E+22	2,518710E+22	2,400699E+22	2,158291E+22	1,820850E+22	1,478811E+22	1,259397E+22	1,259406E+22	1,478828E+22	1,820853E+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	2,158261E+22	2,400630E+22	2,518649E+22	2,518716E+22	2,400748E+22	2,158338E+22	1,820897E+22	1,478863E+22	1,259439E+22	1,259421E+22	1,478820E+22	1,820852E+22
-839	2,158334E+22	2,400783E+22	2,518762E+22	2,518754E+22	2,400757E+22	2,158333E+22	1,820885E+22	1,478857E+22	1,259459E+22	1,259474E+22	1,478890E+22	1,820898E+22
-838	2,158306E+22	2,400695E+22	2,518654E+22	2,518627E+22	2,400644E+22	2,158284E+22	1,820898E+22	1,478902E+22	1,259503E+22	1,259492E+22	1,478870E+22	1,820849E+22
-837	2,158247E+22	2,400663E+22	2,518697E+22	2,518715E+22	2,400713E+22	2,158310E+22	1,820908E+22	1,478926E+22	1,259541E+22	1,259535E+22	1,478914E+22	1,820906E+22
-836	2,158331E+22	2,400735E+22	2,518720E+22	2,518707E+22	2,400687E+22	2,158274E+22	1,820875E+22	1,478913E+22	1,259564E+22	1,259588E+22	1,478971E+22	1,820924E+22
-835	2,158273E+22	2,400611E+22	2,518569E+22	2,518602E+22	2,400665E+22	2,158309E+22	1,820921E+22	1,478947E+22	1,259574E+22	1,259569E+22	1,478931E+22	1,820887E+22
-834	2,158276E+22	2,400694E+22	2,518707E+22	2,518711E+22	2,400722E+22	2,158327E+22	1,820924E+22	1,478945E+22	1,259574E+22	1,259578E+22	1,478961E+22	1,820956E+22
-833	2,158360E+22	2,400729E+22	2,518678E+22	2,518638E+22	2,400629E+22	2,158261E+22	1,820900E+22	1,478944E+22	1,259581E+22	1,259585E+22	1,478948E+22	1,820901E+22
-832	2,158267E+22	2,400619E+22	2,518598E+22	2,518638E+22	2,400675E+22	2,158303E+22	1,820931E+22	1,478972E+22	1,259590E+22	1,259560E+22	1,478900E+22	1,820854E+22
-831	2,158283E+22	2,400745E+22	2,518752E+22	2,518740E+22	2,400733E+22	2,158318E+22	1,820904E+22	1,478926E+22	1,259559E+22	1,259569E+22	1,478949E+22	1,820916E+22
-830	2,158286E+22	2,400669E+22	2,518658E+22	2,518647E+22	2,400652E+22	2,158277E+22	1,820893E+22	1,478915E+22	1,259535E+22	1,259531E+22	1,478901E+22	1,820862E+22
-829	2,158231E+22	2,400609E+22	2,518641E+22	2,518703E+22	2,400729E+22	2,158327E+22	1,820911E+22	1,478910E+22	1,259512E+22	1,259503E+22	1,478890E+22	1,820891E+22
-828	2,158327E+22	2,400736E+22	2,518710E+22	2,518716E+22	2,400720E+22	2,158301E+22	1,820872E+22	1,478866E+22	1,259481E+22	1,259500E+22	1,478913E+22	1,820915E+22
-827	2,158302E+22	2,400664E+22	2,518602E+22	2,518599E+22	2,400660E+22	2,158307E+22	1,820895E+22	1,478875E+22	1,259459E+22	1,259444E+22	1,478834E+22	1,820839E+22
-826	2,158268E+22	2,400714E+22	2,518744E+22	2,518735E+22	2,400721E+22	2,158313E+22	1,820888E+22	1,478866E+22	1,259452E+22	1,259442E+22	1,478847E+22	1,820889E+22
-825	2,158354E+22	2,400772E+22	2,518753E+22	2,518722E+22	2,400676E+22	2,158248E+22	1,820832E+22	1,478834E+22	1,259447E+22	1,259461E+22	1,478867E+22	1,820866E+22
-824	2,158270E+22	2,400646E+22	2,518623E+22	2,518675E+22	2,400715E+22	2,158305E+22	1,820871E+22	1,478859E+22	1,259454E+22	1,259441E+22	1,478829E+22	1,820827E+22
-823	2,158267E+22	2,400734E+22	2,518756E+22	2,518763E+22	2,400772E+22	2,158343E+22	1,820882E+22	1,478849E+22	1,259451E+22	1,259465E+22	1,478888E+22	1,820916E+22
-822	2,158325E+22	2,400708E+22	2,518688E+22	2,518667E+22	2,400664E+22	2,158281E+22	1,820878E+22	1,478871E+22	1,259472E+22	1,259473E+22	1,478868E+22	1,820865E+22
-821	2,158260E+22	2,400628E+22	2,518625E+22	2,518670E+22	2,400700E+22	2,158316E+22	1,820920E+22	1,478926E+22	1,259523E+22	1,259502E+22	1,478874E+22	1,820860E+22
-820	2,158302E+22	2,400742E+22	2,518725E+22	2,518713E+22	2,400704E+22	2,158293E+22	1,820893E+22	1,478922E+22	1,259558E+22	1,259572E+22	1,478955E+22	1,820920E+22
-819	2,158287E+22	2,400655E+22	2,518607E+22	2,518590E+22	2,400628E+22	2,158279E+22	1,820910E+22	1,478953E+22	1,259589E+22	1,259585E+22	1,478934E+22	1,820864E+22
-818	2,158219E+22	2,400622E+22	2,518657E+22	2,518681E+22	2,400693E+22	2,158309E+22	1,820933E+22	1,478982E+22	1,259624E+22	1,259620E+22	1,478975E+22	1,820936E+22
-817	2,158329E+22	2,400705E+22	2,518675E+22	2,518664E+22	2,400649E+22	2,158254E+22	1,820889E+22	1,478962E+22	1,259635E+22	1,259661E+22	1,479027E+22	1,820959E+22
-816	2,158287E+22	2,400600E+22	2,518531E+22	2,518560E+22	2,400632E+22	2,158288E+22	1,820939E+22	1,479009E+22	1,259655E+22	1,259638E+22	1,478969E+22	1,820891E+22
-815	2,158258E+22	2,400672E+22	2,518676E+22	2,518671E+22	2,400690E+22	2,158320E+22	1,820952E+22	1,479009E+22	1,259659E+22	1,259654E+22	1,479005E+22	1,820959E+22
-814	2,158330E+22	2,400698E+22	2,518670E+22	2,518632E+22	2,400606E+22	2,158240E+22	1,820910E+22	1,478993E+22	1,259654E+22	1,259655E+22	1,478989E+22	1,820900E+22
-813	2,158236E+22	2,400587E+22	2,518576E+22	2,518624E+22	2,400664E+22	2,158293E+22	1,820940E+22	1,479011E+22	1,259656E+22	1,259638E+22	1,478965E+22	1,820874E+22
-812	2,158243E+22	2,400675E+22	2,518690E+22	2,518698E+22	2,400710E+22	2,158309E+22	1,820915E+22	1,478967E+22	1,259627E+22	1,259644E+22	1,479014E+22	1,820960E+22
-811	2,158291E+22	2,400629E+22	2,518587E+22	2,518581E+22	2,400628E+22	2,158287E+22	1,820917E+22	1,478955E+22	1,259591E+22	1,259590E+22	1,478943E+22	1,820884E+22
-810	2,158234E+22	2,400597E+22	2,518605E+22	2,518647E+22	2,400686E+22	2,158315E+22	1,820938E+22	1,478965E+22	1,259579E+22	1,259559E+22	1,478920E+22	1,820907E+22
-809	2,158340E+22	2,400741E+22	2,518695E+22	2,518674E+22	2,400663E+22	2,158257E+22	1,820869E+22	1,478908E+22	1,259547E+22	1,259562E+22	1,478949E+22	1,820927E+22
-808	2,158303E+22	2,400663E+22	2,518598E+22	2,518585E+22	2,400629E+22	2,158267E+22	1,820891E+22	1,478921E+22	1,259533E+22	1,259513E+22	1,478871E+22	1,820834E+22
-807	2,158230E+22	2,400676E+22	2,518721E+22	2,518726E+22	2,400720E+22	2,158312E+22	1,820900E+22	1,478909E+22	1,259523E+22	1,259518E+22	1,478903E+22	1,820905E+22
-806	2,158323E+22	2,400724E+22	2,518727E+22	2,518712E+22	2,400672E+22	2,158250E+22	1,820848E+22	1,478871E+22	1,259504E+22	1,259522E+22	1,478911E+22	1,820884E+22
-805	2,158258E+22	2,400615E+22	2,518583E+22	2,518637E+22	2,400697E+22	2,158310E+22	1,820904E+22	1,478912E+22	1,259521E+22	1,259512E+22	1,478885E+22	1,820848E+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	2,158246E+22	2,400685E+22	2,518695E+22	2,518704E+22	2,400731E+22	2,158331E+22	1,820912E+22	1,478920E+22	1,259543E+22	1,259549E+22	1,478941E+22	1,820938E+22
-803	2,158324E+22	2,400686E+22	2,518635E+22	2,518599E+22	2,400623E+22	2,158276E+22	1,820906E+22	1,478939E+22	1,259567E+22	1,259562E+22	1,478917E+22	1,820866E+22
-802	2,158233E+22	2,400602E+22	2,518602E+22	2,518632E+22	2,400655E+22	2,158289E+22	1,820940E+22	1,478997E+22	1,259625E+22	1,259601E+22	1,478934E+22	1,820879E+22
-801	2,158285E+22	2,400702E+22	2,518687E+22	2,518679E+22	2,400663E+22	2,158251E+22	1,820883E+22	1,478967E+22	1,259646E+22	1,259669E+22	1,479032E+22	1,820961E+22
-800	2,158286E+22	2,400620E+22	2,518562E+22	2,518553E+22	2,400599E+22	2,158254E+22	1,820914E+22	1,479002E+22	1,259670E+22	1,259670E+22	1,478999E+22	1,820896E+22
-799	2,158211E+22	2,400584E+22	2,518606E+22	2,518634E+22	2,400667E+22	2,158308E+22	1,820959E+22	1,479036E+22	1,259699E+22	1,259696E+22	1,479033E+22	1,820965E+22
-798	2,158327E+22	2,400685E+22	2,518652E+22	2,518631E+22	2,400617E+22	2,158241E+22	1,820910E+22	1,479014E+22	1,259703E+22	1,259721E+22	1,479058E+22	1,820963E+22
-797	2,158282E+22	2,400601E+22	2,518527E+22	2,518535E+22	2,400603E+22	2,158276E+22	1,820961E+22	1,479062E+22	1,259730E+22	1,259713E+22	1,479014E+22	1,820887E+22
-796	2,158215E+22	2,400623E+22	2,518644E+22	2,518647E+22	2,400664E+22	2,158302E+22	1,820966E+22	1,479067E+22	1,259745E+22	1,259739E+22	1,479058E+22	1,820968E+22
-795	2,158303E+22	2,400648E+22	2,518615E+22	2,518597E+22	2,400607E+22	2,158254E+22	1,820929E+22	1,479039E+22	1,259727E+22	1,259732E+22	1,479042E+22	1,820912E+22
-794	2,158207E+22	2,400540E+22	2,518530E+22	2,518582E+22	2,400643E+22	2,158298E+22	1,820970E+22	1,479063E+22	1,259725E+22	1,259707E+22	1,479015E+22	1,820908E+22
-793	2,158249E+22	2,400636E+22	2,518632E+22	2,518639E+22	2,400663E+22	2,158284E+22	1,820925E+22	1,479009E+22	1,259688E+22	1,259706E+22	1,479063E+22	1,820997E+22
-792	2,158317E+22	2,400627E+22	2,518554E+22	2,518530E+22	2,400579E+22	2,158255E+22	1,820927E+22	1,479007E+22	1,259659E+22	1,259650E+22	1,478978E+22	1,820892E+22
-791	2,158230E+22	2,400591E+22	2,518590E+22	2,518608E+22	2,400641E+22	2,158291E+22	1,820948E+22	1,479012E+22	1,259648E+22	1,259627E+22	1,478960E+22	1,820910E+22
-790	2,158317E+22	2,400724E+22	2,518704E+22	2,518673E+22	2,400639E+22	2,158227E+22	1,820865E+22	1,478941E+22	1,259608E+22	1,259623E+22	1,478986E+22	1,820927E+22
-789	2,158280E+22	2,400642E+22	2,518592E+22	2,518584E+22	2,400628E+22	2,158260E+22	1,820891E+22	1,478948E+22	1,259591E+22	1,259585E+22	1,478929E+22	1,820849E+22
-788	2,158193E+22	2,400607E+22	2,518661E+22	2,518689E+22	2,400707E+22	2,158315E+22	1,820920E+22	1,478955E+22	1,259592E+22	1,259591E+22	1,478957E+22	1,820934E+22
-787	2,158321E+22	2,400682E+22	2,518656E+22	2,518652E+22	2,400659E+22	2,158271E+22	1,820885E+22	1,478928E+22	1,259575E+22	1,259588E+22	1,478952E+22	1,820894E+22
-786	2,158248E+22	2,400592E+22	2,518547E+22	2,518579E+22	2,400650E+22	2,158301E+22	1,820942E+22	1,478987E+22	1,259612E+22	1,259588E+22	1,478925E+22	1,820861E+22
-785	2,158241E+22	2,400658E+22	2,518660E+22	2,518650E+22	2,400668E+22	2,158289E+22	1,820919E+22	1,478981E+22	1,259637E+22	1,259640E+22	1,478998E+22	1,820955E+22
-784	2,158314E+22	2,400663E+22	2,518610E+22	2,518569E+22	2,400580E+22	2,158234E+22	1,820907E+22	1,478999E+22	1,259663E+22	1,259660E+22	1,478982E+22	1,820878E+22
-783	2,158200E+22	2,400554E+22	2,518562E+22	2,518601E+22	2,400636E+22	2,158279E+22	1,820950E+22	1,479046E+22	1,259711E+22	1,259698E+22	1,479011E+22	1,820913E+22
-782	2,158267E+22	2,400659E+22	2,518657E+22	2,518653E+22	2,400642E+22	2,158243E+22	1,820896E+22	1,479008E+22	1,259713E+22	1,259742E+22	1,479089E+22	1,820994E+22
-781	2,158293E+22	2,400603E+22	2,518532E+22	2,518520E+22	2,400578E+22	2,158253E+22	1,820939E+22	1,479050E+22	1,259739E+22	1,259745E+22	1,479055E+22	1,820918E+22
-780	2,158201E+22	2,400548E+22	2,518559E+22	2,518585E+22	2,400633E+22	2,158303E+22	1,820990E+22	1,479103E+22	1,259786E+22	1,259775E+22	1,479078E+22	1,820979E+22
-779	2,158324E+22	2,400668E+22	2,518615E+22	2,518585E+22	2,400594E+22	2,158247E+22	1,820941E+22	1,479079E+22	1,259790E+22	1,259800E+22	1,479099E+22	1,820954E+22
-778	2,158244E+22	2,400568E+22	2,518511E+22	2,518513E+22	2,400576E+22	2,158265E+22	1,820987E+22	1,479131E+22	1,259823E+22	1,259800E+22	1,479067E+22	1,820902E+22
-777	2,158192E+22	2,400564E+22	2,518593E+22	2,518610E+22	2,400634E+22	2,158278E+22	1,820967E+22	1,479110E+22	1,259823E+22	1,259826E+22	1,479126E+22	1,821003E+22
-776	2,158301E+22	2,400607E+22	2,518557E+22	2,518543E+22	2,400568E+22	2,158235E+22	1,820941E+22	1,479085E+22	1,259794E+22	1,259803E+22	1,479097E+22	1,820939E+22
-775	2,158205E+22	2,400508E+22	2,518477E+22	2,518524E+22	2,400602E+22	2,158286E+22	1,820989E+22	1,479109E+22	1,259787E+22	1,259768E+22	1,479062E+22	1,820934E+22
-774	2,158256E+22	2,400634E+22	2,518621E+22	2,518600E+22	2,400612E+22	2,158251E+22	1,820927E+22	1,479044E+22	1,259740E+22	1,259752E+22	1,479086E+22	1,821000E+22
-773	2,158318E+22	2,400636E+22	2,518565E+22	2,518517E+22	2,400546E+22	2,158227E+22	1,820925E+22	1,479036E+22	1,259716E+22	1,259712E+22	1,479015E+22	1,820886E+22
-772	2,158195E+22	2,400551E+22	2,518573E+22	2,518603E+22	2,400629E+22	2,158276E+22	1,820951E+22	1,479050E+22	1,259716E+22	1,259697E+22	1,479006E+22	1,820916E+22
-771	2,158292E+22	2,400682E+22	2,518659E+22	2,518652E+22	2,400653E+22	2,158250E+22	1,820884E+22	1,478979E+22	1,259668E+22	1,259688E+22	1,479029E+22	1,820930E+22
-770	2,158249E+22	2,400596E+22	2,518556E+22	2,518555E+22	2,400619E+22	2,158278E+22	1,820931E+22	1,479006E+22	1,259662E+22	1,259651E+22	1,478974E+22	1,820875E+22
-769	2,158193E+22	2,400556E+22	2,518596E+22	2,518631E+22	2,400667E+22	2,158302E+22	1,820942E+22	1,479012E+22	1,259670E+22	1,259665E+22	1,479007E+22	1,820959E+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	2,158329E+22	2,400663E+22	2,518610E+22	2,518590E+22	2,400603E+22	2,158246E+22	1,820911E+22	1,478998E+22	1,259665E+22	1,259670E+22	1,479000E+22	1,820902E+22
-767	2,158231E+22	2,400566E+22	2,518518E+22	2,518531E+22	2,400596E+22	2,158274E+22	1,820959E+22	1,479052E+22	1,259706E+22	1,259684E+22	1,478989E+22	1,820876E+22
-766	2,158217E+22	2,400627E+22	2,518647E+22	2,518626E+22	2,400625E+22	2,158249E+22	1,820914E+22	1,479026E+22	1,259718E+22	1,259729E+22	1,479063E+22	1,820977E+22
-765	2,158302E+22	2,400635E+22	2,518586E+22	2,518549E+22	2,400563E+22	2,158219E+22	1,820905E+22	1,479031E+22	1,259737E+22	1,259754E+22	1,479061E+22	1,820912E+22
-764	2,158184E+22	2,400499E+22	2,518503E+22	2,518555E+22	2,400611E+22	2,158277E+22	1,820969E+22	1,479094E+22	1,259787E+22	1,259780E+22	1,479076E+22	1,820951E+22
-763	2,158280E+22	2,400634E+22	2,518597E+22	2,518596E+22	2,400625E+22	2,158257E+22	1,820932E+22	1,479069E+22	1,259789E+22	1,259811E+22	1,479129E+22	1,821002E+22
-762	2,158287E+22	2,400594E+22	2,518517E+22	2,518482E+22	2,400541E+22	2,158248E+22	1,820978E+22	1,479128E+22	1,259831E+22	1,259818E+22	1,479090E+22	1,820924E+22
-761	2,158190E+22	2,400515E+22	2,518527E+22	2,518548E+22	2,400587E+22	2,158272E+22	1,821004E+22	1,479168E+22	1,259881E+22	1,259864E+22	1,479128E+22	1,820981E+22
-760	2,158299E+22	2,400636E+22	2,518589E+22	2,518562E+22	2,400564E+22	2,158224E+22	1,820957E+22	1,479142E+22	1,259880E+22	1,259891E+22	1,479158E+22	1,820959E+22
-759	2,158204E+22	2,400511E+22	2,518465E+22	2,518478E+22	2,400552E+22	2,158260E+22	1,821005E+22	1,479180E+22	1,259901E+22	1,259886E+22	1,479135E+22	1,820928E+22
-758	2,158169E+22	2,400516E+22	2,518549E+22	2,518567E+22	2,400598E+22	2,158264E+22	1,820979E+22	1,479148E+22	1,259881E+22	1,259888E+22	1,479175E+22	1,821031E+22
-757	2,158310E+22	2,400593E+22	2,518524E+22	2,518505E+22	2,400536E+22	2,158220E+22	1,820950E+22	1,479118E+22	1,259852E+22	1,259868E+22	1,479146E+22	1,820958E+22
-756	2,158203E+22	2,400484E+22	2,518437E+22	2,518475E+22	2,400559E+22	2,158266E+22	1,821000E+22	1,479154E+22	1,259854E+22	1,259832E+22	1,479100E+22	1,820945E+22
-755	2,158258E+22	2,400627E+22	2,518597E+22	2,518572E+22	2,400593E+22	2,158244E+22	1,820940E+22	1,479088E+22	1,259805E+22	1,259814E+22	1,479119E+22	1,820991E+22
-754	2,158287E+22	2,400614E+22	2,518566E+22	2,518520E+22	2,400535E+22	2,158216E+22	1,820938E+22	1,479084E+22	1,259785E+22	1,259778E+22	1,479058E+22	1,820901E+22
-753	2,158174E+22	2,400495E+22	2,518524E+22	2,518577E+22	2,400614E+22	2,158267E+22	1,820956E+22	1,479084E+22	1,259779E+22	1,259769E+22	1,479062E+22	1,820941E+22
-752	2,158285E+22	2,400643E+22	2,518607E+22	2,518606E+22	2,400623E+22	2,158249E+22	1,820913E+22	1,479030E+22	1,259732E+22	1,259753E+22	1,479075E+22	1,820947E+22
-751	2,158238E+22	2,400560E+22	2,518502E+22	2,518498E+22	2,400577E+22	2,158275E+22	1,820964E+22	1,479066E+22	1,259736E+22	1,259721E+22	1,479022E+22	1,820892E+22
-750	2,158187E+22	2,400541E+22	2,518569E+22	2,518582E+22	2,400611E+22	2,158272E+22	1,820956E+22	1,479066E+22	1,259745E+22	1,259734E+22	1,479047E+22	1,820964E+22
-749	2,158322E+22	2,400655E+22	2,518601E+22	2,518567E+22	2,400563E+22	2,158214E+22	1,820911E+22	1,479042E+22	1,259747E+22	1,259761E+22	1,479061E+22	1,820909E+22
-748	2,158199E+22	2,400519E+22	2,518480E+22	2,518507E+22	2,400571E+22	2,158252E+22	1,820963E+22	1,479100E+22	1,259791E+22	1,259777E+22	1,479059E+22	1,820904E+22
-747	2,158207E+22	2,400590E+22	2,518595E+22	2,518594E+22	2,400620E+22	2,158257E+22	1,820933E+22	1,479072E+22	1,259792E+22	1,259809E+22	1,479123E+22	1,820998E+22
-746	2,158287E+22	2,400601E+22	2,518555E+22	2,518521E+22	2,400543E+22	2,158225E+22	1,820942E+22	1,479095E+22	1,259816E+22	1,259828E+22	1,479115E+22	1,820948E+22
-745	2,158194E+22	2,400465E+22	2,518449E+22	2,518504E+22	2,400573E+22	2,158264E+22	1,820994E+22	1,479157E+22	1,259873E+22	1,259861E+22	1,479128E+22	1,820971E+22
-744	2,158285E+22	2,400626E+22	2,518564E+22	2,518543E+22	2,400572E+22	2,158241E+22	1,820967E+22	1,479145E+22	1,259883E+22	1,259896E+22	1,479173E+22	1,820997E+22
-743	2,158256E+22	2,400563E+22	2,518493E+22	2,518452E+22	2,400501E+22	2,158231E+22	1,821004E+22	1,479199E+22	1,259931E+22	1,259916E+22	1,479152E+22	1,820929E+22
-742	2,158152E+22	2,400472E+22	2,518500E+22	2,518528E+22	2,400556E+22	2,158241E+22	1,821004E+22	1,479215E+22	1,259963E+22	1,259952E+22	1,479192E+22	1,820998E+22
-741	2,158272E+22	2,400588E+22	2,518544E+22	2,518533E+22	2,400545E+22	2,158211E+22	1,820958E+22	1,479173E+22	1,259950E+22	1,259979E+22	1,479231E+22	1,820992E+22
-740	2,158186E+22	2,400452E+22	2,518394E+22	2,518421E+22	2,400517E+22	2,158253E+22	1,821023E+22	1,479223E+22	1,259966E+22	1,259957E+22	1,479195E+22	1,820968E+22
-739	2,158187E+22	2,400500E+22	2,518489E+22	2,518507E+22	2,400564E+22	2,158258E+22	1,821001E+22	1,479194E+22	1,259941E+22	1,259943E+22	1,479208E+22	1,821039E+22
-738	2,158308E+22	2,400596E+22	2,518518E+22	2,518476E+22	2,400497E+22	2,158202E+22	1,820970E+22	1,479173E+22	1,259920E+22	1,259922E+22	1,479173E+22	1,820968E+22
-737	2,158198E+22	2,400466E+22	2,518419E+22	2,518455E+22	2,400524E+22	2,158233E+22	1,820997E+22	1,479192E+22	1,259921E+22	1,259900E+22	1,479140E+22	1,820947E+22
-736	2,158239E+22	2,400605E+22	2,518578E+22	2,518559E+22	2,400574E+22	2,158232E+22	1,820953E+22	1,479131E+22	1,259869E+22	1,259880E+22	1,479162E+22	1,820992E+22
-735	2,158250E+22	2,400565E+22	2,518529E+22	2,518502E+22	2,400528E+22	2,158226E+22	1,820963E+22	1,479127E+22	1,259848E+22	1,259845E+22	1,479111E+22	1,820920E+22
-734	2,158155E+22	2,400456E+22	2,518481E+22	2,518540E+22	2,400586E+22	2,158261E+22	1,820977E+22	1,479128E+22	1,259835E+22	1,259825E+22	1,479103E+22	1,820959E+22
-733	2,158283E+22	2,400623E+22	2,518569E+22	2,518567E+22	2,400592E+22	2,158241E+22	1,820932E+22	1,479075E+22	1,259801E+22	1,259824E+22	1,479122E+22	1,820959E+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	2,158225E+22	2,400531E+22	2,518456E+22	2,518443E+22	2,400526E+22	2,158254E+22	1,820986E+22	1,479126E+22	1,259820E+22	1,259803E+22	1,479074E+22	1,820907E+22
-731	2,158180E+22	2,400523E+22	2,518532E+22	2,518544E+22	2,400577E+22	2,158252E+22	1,820970E+22	1,479122E+22	1,259830E+22	1,259819E+22	1,479101E+22	1,820969E+22
-730	2,158292E+22	2,400627E+22	2,518585E+22	2,518556E+22	2,400542E+22	2,158195E+22	1,820921E+22	1,479097E+22	1,259832E+22	1,259846E+22	1,479128E+22	1,820947E+22
-729	2,158191E+22	2,400467E+22	2,518420E+22	2,518467E+22	2,400542E+22	2,158234E+22	1,820966E+22	1,479140E+22	1,259867E+22	1,259864E+22	1,479129E+22	1,820942E+22
-728	2,158214E+22	2,400565E+22	2,518547E+22	2,518544E+22	2,400579E+22	2,158250E+22	1,820965E+22	1,479131E+22	1,259867E+22	1,259884E+22	1,479176E+22	1,821020E+22
-727	2,158282E+22	2,400578E+22	2,518518E+22	2,518478E+22	2,400502E+22	2,158215E+22	1,820975E+22	1,479163E+22	1,259902E+22	1,259906E+22	1,479163E+22	1,820956E+22
-726	2,158178E+22	2,400452E+22	2,518430E+22	2,518466E+22	2,400523E+22	2,158237E+22	1,821012E+22	1,479219E+22	1,259959E+22	1,259940E+22	1,479170E+22	1,820967E+22
-725	2,158255E+22	2,400603E+22	2,518553E+22	2,518532E+22	2,400548E+22	2,158220E+22	1,820974E+22	1,479196E+22	1,259975E+22	1,259995E+22	1,479235E+22	1,820998E+22
-724	2,158209E+22	2,400498E+22	2,518438E+22	2,518421E+22	2,400482E+22	2,158222E+22	1,821021E+22	1,479255E+22	1,260021E+22	1,260012E+22	1,479224E+22	1,820957E+22
-723	2,158134E+22	2,400419E+22	2,518426E+22	2,518481E+22	2,400546E+22	2,158250E+22	1,821030E+22	1,479266E+22	1,260036E+22	1,260030E+22	1,479253E+22	1,821024E+22
-722	2,158259E+22	2,400552E+22	2,518498E+22	2,518492E+22	2,400516E+22	2,158208E+22	1,820989E+22	1,479231E+22	1,260021E+22	1,260042E+22	1,479283E+22	1,821035E+22
-721	2,158202E+22	2,400425E+22	2,518336E+22	2,518361E+22	2,400468E+22	2,158226E+22	1,821033E+22	1,479272E+22	1,260036E+22	1,260024E+22	1,479240E+22	1,820991E+22
-720	2,158201E+22	2,400509E+22	2,518474E+22	2,518460E+22	2,400505E+22	2,158231E+22	1,821022E+22	1,479249E+22	1,260011E+22	1,260007E+22	1,479243E+22	1,821037E+22
-719	2,158284E+22	2,400580E+22	2,518514E+22	2,518466E+22	2,400467E+22	2,158179E+22	1,820982E+22	1,479221E+22	1,259993E+22	1,259995E+22	1,479219E+22	1,820968E+22
-718	2,158166E+22	2,400440E+22	2,518406E+22	2,518448E+22	2,400510E+22	2,158214E+22	1,820993E+22	1,479223E+22	1,259979E+22	1,259964E+22	1,479187E+22	1,820958E+22
-717	2,158215E+22	2,400568E+22	2,518545E+22	2,518543E+22	2,400572E+22	2,158234E+22	1,820959E+22	1,479157E+22	1,259925E+22	1,259948E+22	1,479213E+22	1,821010E+22
-716	2,158229E+22	2,400513E+22	2,518463E+22	2,518453E+22	2,400504E+22	2,158230E+22	1,820993E+22	1,479178E+22	1,259910E+22	1,259906E+22	1,479157E+22	1,820947E+22
-715	2,158163E+22	2,400436E+22	2,518420E+22	2,518483E+22	2,400555E+22	2,158256E+22	1,821007E+22	1,479186E+22	1,259904E+22	1,259884E+22	1,479135E+22	1,820962E+22
-714	2,158265E+22	2,400610E+22	2,518552E+22	2,518536E+22	2,400551E+22	2,158219E+22	1,820955E+22	1,479140E+22	1,259882E+22	1,259892E+22	1,479165E+22	1,820976E+22
-713	2,158212E+22	2,400500E+22	2,518424E+22	2,518414E+22	2,400486E+22	2,158215E+22	1,820982E+22	1,479173E+22	1,259904E+22	1,259891E+22	1,479136E+22	1,820926E+22
-712	2,158166E+22	2,400501E+22	2,518504E+22	2,518511E+22	2,400539E+22	2,158229E+22	1,820982E+22	1,479170E+22	1,259906E+22	1,259902E+22	1,479163E+22	1,820988E+22
-711	2,158265E+22	2,400583E+22	2,518544E+22	2,518527E+22	2,400523E+22	2,158194E+22	1,820944E+22	1,479147E+22	1,259908E+22	1,259928E+22	1,479192E+22	1,820976E+22
-710	2,158184E+22	2,400443E+22	2,518383E+22	2,518429E+22	2,400511E+22	2,158220E+22	1,820982E+22	1,479189E+22	1,259937E+22	1,259932E+22	1,479177E+22	1,820964E+22
-709	2,158214E+22	2,400550E+22	2,518512E+22	2,518507E+22	2,400551E+22	2,158239E+22	1,820983E+22	1,479185E+22	1,259950E+22	1,259966E+22	1,479223E+22	1,821026E+22
-708	2,158259E+22	2,400544E+22	2,518477E+22	2,518435E+22	2,400465E+22	2,158203E+22	1,821006E+22	1,479235E+22	1,259999E+22	1,259998E+22	1,479219E+22	1,820967E+22
-707	2,158157E+22	2,400419E+22	2,518386E+22	2,518435E+22	2,400500E+22	2,158223E+22	1,821034E+22	1,479286E+22	1,260055E+22	1,260033E+22	1,479230E+22	1,820972E+22
-706	2,158209E+22	2,400550E+22	2,518516E+22	2,518512E+22	2,400532E+22	2,158212E+22	1,820994E+22	1,479258E+22	1,260065E+22	1,260083E+22	1,479307E+22	1,821040E+22
-705	2,158196E+22	2,400437E+22	2,518361E+22	2,518361E+22	2,400446E+22	2,158205E+22	1,821030E+22	1,479301E+22	1,260099E+22	1,260100E+22	1,479296E+22	1,821002E+22
-704	2,158147E+22	2,400398E+22	2,518370E+22	2,518408E+22	2,400484E+22	2,158232E+22	1,821059E+22	1,479323E+22	1,260107E+22	1,260099E+22	1,479302E+22	1,821049E+22
-703	2,158262E+22	2,400540E+22	2,518466E+22	2,518443E+22	2,400467E+22	2,158187E+22	1,821010E+22	1,479290E+22	1,260097E+22	1,260110E+22	1,479322E+22	1,821044E+22
-702	2,158200E+22	2,400434E+22	2,518336E+22	2,518334E+22	2,400421E+22	2,158187E+22	1,821032E+22	1,479313E+22	1,260102E+22	1,260086E+22	1,479271E+22	1,820988E+22
-701	2,158181E+22	2,400499E+22	2,518479E+22	2,518467E+22	2,400495E+22	2,158208E+22	1,821014E+22	1,479280E+22	1,260078E+22	1,260081E+22	1,479286E+22	1,821034E+22
-700	2,158243E+22	2,400528E+22	2,518478E+22	2,518456E+22	2,400470E+22	2,158183E+22	1,820997E+22	1,479261E+22	1,260057E+22	1,260065E+22	1,479271E+22	1,820986E+22
-699	2,158145E+22	2,400393E+22	2,518349E+22	2,518420E+22	2,400514E+22	2,158230E+22	1,821024E+22	1,479268E+22	1,260038E+22	1,260022E+22	1,479229E+22	1,820972E+22
-698	2,158190E+22	2,400527E+22	2,518504E+22	2,518512E+22	2,400558E+22	2,158243E+22	1,820997E+22	1,479217E+22	1,259991E+22	1,260002E+22	1,479253E+22	1,821039E+22
-697	2,158231E+22	2,400479E+22	2,518400E+22	2,518386E+22	2,400457E+22	2,158208E+22	1,821010E+22	1,479233E+22	1,259988E+22	1,259979E+22	1,479203E+22	1,820964E+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	2,158165E+22	2,400433E+22	2,518393E+22	2,518423E+22	2,400488E+22	2,158225E+22	1,821029E+22	1,479246E+22	1,259985E+22	1,259961E+22	1,479184E+22	1,820969E+22
-695	2,158239E+22	2,400581E+22	2,518534E+22	2,518514E+22	2,400513E+22	2,158185E+22	1,820959E+22	1,479191E+22	1,259966E+22	1,259980E+22	1,479227E+22	1,820994E+22
-694	2,158190E+22	2,400470E+22	2,518396E+22	2,518388E+22	2,400458E+22	2,158183E+22	1,820970E+22	1,479201E+22	1,259969E+22	1,259968E+22	1,479199E+22	1,820957E+22
-693	2,158157E+22	2,400471E+22	2,518470E+22	2,518486E+22	2,400526E+22	2,158221E+22	1,820981E+22	1,479197E+22	1,259969E+22	1,259979E+22	1,479221E+22	1,821017E+22
-692	2,158258E+22	2,400544E+22	2,518488E+22	2,518478E+22	2,400496E+22	2,158193E+22	1,820974E+22	1,479203E+22	1,259980E+22	1,259997E+22	1,479240E+22	1,821000E+22
-691	2,158190E+22	2,400429E+22	2,518339E+22	2,518384E+22	2,400485E+22	2,158216E+22	1,821017E+22	1,479258E+22	1,260021E+22	1,260003E+22	1,479212E+22	1,820961E+22
-690	2,158185E+22	2,400527E+22	2,518500E+22	2,518488E+22	2,400525E+22	2,158228E+22	1,821015E+22	1,479262E+22	1,260047E+22	1,260046E+22	1,479270E+22	1,821036E+22
-689	2,158229E+22	2,400493E+22	2,518428E+22	2,518400E+22	2,400435E+22	2,158179E+22	1,821018E+22	1,479299E+22	1,260099E+22	1,260100E+22	1,479288E+22	1,820986E+22
-688	2,158133E+22	2,400379E+22	2,518338E+22	2,518382E+22	2,400461E+22	2,158214E+22	1,821063E+22	1,479348E+22	1,260143E+22	1,260128E+22	1,479302E+22	1,820999E+22
-687	2,158183E+22	2,400492E+22	2,518460E+22	2,518465E+22	2,400500E+22	2,158206E+22	1,821023E+22	1,479319E+22	1,260149E+22	1,260171E+22	1,479374E+22	1,821074E+22
-686	2,158198E+22	2,400416E+22	2,518317E+22	2,518307E+22	2,400398E+22	2,158178E+22	1,821040E+22	1,479348E+22	1,260170E+22	1,260172E+22	1,479348E+22	1,821030E+22
-685	2,158159E+22	2,400398E+22	2,518350E+22	2,518369E+22	2,400444E+22	2,158205E+22	1,821059E+22	1,479365E+22	1,260183E+22	1,260174E+22	1,479344E+22	1,821055E+22
-684	2,158248E+22	2,400522E+22	2,518446E+22	2,518413E+22	2,400434E+22	2,158168E+22	1,821026E+22	1,479344E+22	1,260176E+22	1,260186E+22	1,479368E+22	1,821051E+22
-683	2,158182E+22	2,400410E+22	2,518318E+22	2,518331E+22	2,400417E+22	2,158175E+22	1,821041E+22	1,479359E+22	1,260173E+22	1,260156E+22	1,479315E+22	1,820989E+22
-682	2,158139E+22	2,400450E+22	2,518453E+22	2,518464E+22	2,400503E+22	2,158216E+22	1,821032E+22	1,479325E+22	1,260142E+22	1,260142E+22	1,479336E+22	1,821064E+22
-681	2,158227E+22	2,400468E+22	2,518409E+22	2,518408E+22	2,400453E+22	2,158185E+22	1,821015E+22	1,479303E+22	1,260119E+22	1,260131E+22	1,479323E+22	1,821016E+22
-680	2,158152E+22	2,400373E+22	2,518297E+22	2,518344E+22	2,400457E+22	2,158222E+22	1,821060E+22	1,479323E+22	1,260101E+22	1,260080E+22	1,479267E+22	1,820984E+22
-679	2,158178E+22	2,400499E+22	2,518465E+22	2,518458E+22	2,400509E+22	2,158223E+22	1,821019E+22	1,479276E+22	1,260068E+22	1,260071E+22	1,479290E+22	1,821042E+22
-678	2,158221E+22	2,400475E+22	2,518388E+22	2,518349E+22	2,400405E+22	2,158164E+22	1,821001E+22	1,479271E+22	1,260058E+22	1,260050E+22	1,479246E+22	1,820972E+22
-677	2,158150E+22	2,400415E+22	2,518384E+22	2,518411E+22	2,400465E+22	2,158190E+22	1,821008E+22	1,479273E+22	1,260057E+22	1,260042E+22	1,479238E+22	1,820982E+22
-676	2,158212E+22	2,400533E+22	2,518492E+22	2,518487E+22	2,400502E+22	2,158182E+22	1,820971E+22	1,479231E+22	1,260033E+22	1,260055E+22	1,479287E+22	1,821026E+22
-675	2,158187E+22	2,400434E+22	2,518352E+22	2,518361E+22	2,400451E+22	2,158187E+22	1,820994E+22	1,479248E+22	1,260031E+22	1,260030E+22	1,479243E+22	1,820975E+22
-674	2,158146E+22	2,400441E+22	2,518439E+22	2,518460E+22	2,400513E+22	2,158228E+22	1,821018E+22	1,479262E+22	1,260042E+22	1,260038E+22	1,479261E+22	1,821040E+22
-673	2,158256E+22	2,400515E+22	2,518437E+22	2,518420E+22	2,400457E+22	2,158182E+22	1,821001E+22	1,479271E+22	1,260073E+22	1,260083E+22	1,479288E+22	1,821008E+22
-672	2,158178E+22	2,400417E+22	2,518317E+22	2,518327E+22	2,400424E+22	2,158197E+22	1,821054E+22	1,479335E+22	1,260122E+22	1,260099E+22	1,479268E+22	1,820962E+22
-671	2,158140E+22	2,400471E+22	2,518466E+22	2,518463E+22	2,400497E+22	2,158209E+22	1,821034E+22	1,479333E+22	1,260154E+22	1,260155E+22	1,479342E+22	1,821051E+22
-670	2,158200E+22	2,400447E+22	2,518378E+22	2,518355E+22	2,400402E+22	2,158155E+22	1,821017E+22	1,479343E+22	1,260185E+22	1,260197E+22	1,479365E+22	1,821025E+22
-669	2,158129E+22	2,400341E+22	2,518289E+22	2,518334E+22	2,400427E+22	2,158195E+22	1,821064E+22	1,479389E+22	1,260222E+22	1,260215E+22	1,479368E+22	1,821036E+22
-668	2,158186E+22	2,400458E+22	2,518403E+22	2,518402E+22	2,400455E+22	2,158192E+22	1,821047E+22	1,479377E+22	1,260227E+22	1,260245E+22	1,479427E+22	1,821104E+22
-667	2,158211E+22	2,400408E+22	2,518292E+22	2,518272E+22	2,400363E+22	2,158159E+22	1,821057E+22	1,479404E+22	1,260246E+22	1,260238E+22	1,479382E+22	1,821030E+22
-666	2,158140E+22	2,400387E+22	2,518357E+22	2,518370E+22	2,400430E+22	2,158192E+22	1,821075E+22	1,479419E+22	1,260258E+22	1,260242E+22	1,479386E+22	1,821064E+22
-665	2,158222E+22	2,400479E+22	2,518410E+22	2,518391E+22	2,400422E+22	2,158157E+22	1,821032E+22	1,479387E+22	1,260251E+22	1,260266E+22	1,479422E+22	1,821062E+22
-664	2,158159E+22	2,400373E+22	2,518282E+22	2,518289E+22	2,400396E+22	2,158186E+22	1,821074E+22	1,479407E+22	1,260239E+22	1,260225E+22	1,479366E+22	1,821005E+22
-663	2,158110E+22	2,400389E+22	2,518400E+22	2,518428E+22	2,400486E+22	2,158222E+22	1,821065E+22	1,479380E+22	1,260210E+22	1,260208E+22	1,479380E+22	1,821078E+22
-662	2,158222E+22	2,400441E+22	2,518357E+22	2,518348E+22	2,400407E+22	2,158164E+22	1,821027E+22	1,479347E+22	1,260181E+22	1,260190E+22	1,479362E+22	1,821034E+22
-661	2,158157E+22	2,400367E+22	2,518274E+22	2,518296E+22	2,400408E+22	2,158192E+22	1,821058E+22	1,479364E+22	1,260173E+22	1,260150E+22	1,479306E+22	1,820990E+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	2,158164E+22	2,400474E+22	2,518439E+22	2,518417E+22	2,400462E+22	2,158194E+22	1,821028E+22	1,479325E+22	1,260143E+22	1,260147E+22	1,479341E+22	1,821056E+22
-659	2,158208E+22	2,400446E+22	2,518369E+22	2,518341E+22	2,400390E+22	2,158140E+22	1,820998E+22	1,479307E+22	1,260124E+22	1,260122E+22	1,479298E+22	1,820986E+22
-658	2,158126E+22	2,400377E+22	2,518362E+22	2,518405E+22	2,400467E+22	2,158191E+22	1,821017E+22	1,479307E+22	1,260114E+22	1,260105E+22	1,479293E+22	1,821018E+22
-657	2,158209E+22	2,400487E+22	2,518431E+22	2,518435E+22	2,400479E+22	2,158180E+22	1,820989E+22	1,479275E+22	1,260098E+22	1,260123E+22	1,479338E+22	1,821053E+22
-656	2,158198E+22	2,400425E+22	2,518317E+22	2,518297E+22	2,400402E+22	2,158187E+22	1,821036E+22	1,479313E+22	1,260107E+22	1,260097E+22	1,479281E+22	1,820981E+22
-655	2,158128E+22	2,400411E+22	2,518411E+22	2,518422E+22	2,400475E+22	2,158217E+22	1,821052E+22	1,479339E+22	1,260139E+22	1,260123E+22	1,479301E+22	1,821030E+22
-654	2,158230E+22	2,400495E+22	2,518418E+22	2,518388E+22	2,400416E+22	2,158151E+22	1,821008E+22	1,479330E+22	1,260167E+22	1,260178E+22	1,479348E+22	1,821016E+22
-653	2,158148E+22	2,400379E+22	2,518292E+22	2,518304E+22	2,400400E+22	2,158173E+22	1,821050E+22	1,479384E+22	1,260219E+22	1,260204E+22	1,479341E+22	1,820982E+22
-652	2,158107E+22	2,400402E+22	2,518400E+22	2,518413E+22	2,400474E+22	2,158210E+22	1,821059E+22	1,479391E+22	1,260242E+22	1,260252E+22	1,479421E+22	1,821093E+22
-651	2,158200E+22	2,400401E+22	2,518322E+22	2,518315E+22	2,400377E+22	2,158148E+22	1,821040E+22	1,479399E+22	1,260263E+22	1,260276E+22	1,479425E+22	1,821057E+22
-650	2,158133E+22	2,400317E+22	2,518251E+22	2,518295E+22	2,400398E+22	2,158187E+22	1,821088E+22	1,479448E+22	1,260297E+22	1,260284E+22	1,479419E+22	1,821068E+22
-649	2,158194E+22	2,400439E+22	2,518362E+22	2,518346E+22	2,400407E+22	2,158171E+22	1,821064E+22	1,479436E+22	1,260313E+22	1,260328E+22	1,479477E+22	1,821117E+22
-648	2,158208E+22	2,400407E+22	2,518288E+22	2,518233E+22	2,400312E+22	2,158138E+22	1,821081E+22	1,479462E+22	1,260328E+22	1,260319E+22	1,479431E+22	1,821029E+22
-647	2,158099E+22	2,400336E+22	2,518331E+22	2,518360E+22	2,400419E+22	2,158184E+22	1,821090E+22	1,479472E+22	1,260340E+22	1,260325E+22	1,479439E+22	1,821068E+22
-646	2,158196E+22	2,400439E+22	2,518364E+22	2,518356E+22	2,400405E+22	2,158150E+22	1,821037E+22	1,479419E+22	1,260312E+22	1,260337E+22	1,479477E+22	1,821088E+22
-645	2,158153E+22	2,400339E+22	2,518236E+22	2,518242E+22	2,400364E+22	2,158175E+22	1,821081E+22	1,479445E+22	1,260302E+22	1,260289E+22	1,479409E+22	1,821023E+22
-644	2,158106E+22	2,400350E+22	2,518339E+22	2,518364E+22	2,400441E+22	2,158214E+22	1,821094E+22	1,479436E+22	1,260278E+22	1,260269E+22	1,479418E+22	1,821092E+22
-643	2,158223E+22	2,400426E+22	2,518335E+22	2,518317E+22	2,400365E+22	2,158136E+22	1,821037E+22	1,479395E+22	1,260249E+22	1,260251E+22	1,479393E+22	1,821031E+22
-642	2,158137E+22	2,400350E+22	2,518273E+22	2,518293E+22	2,400386E+22	2,158169E+22	1,821061E+22	1,479405E+22	1,260236E+22	1,260215E+22	1,479353E+22	1,821004E+22
-641	2,158144E+22	2,400435E+22	2,518401E+22	2,518390E+22	2,400441E+22	2,158177E+22	1,821027E+22	1,479360E+22	1,260210E+22	1,260224E+22	1,479400E+22	1,821077E+22
-640	2,158198E+22	2,400421E+22	2,518339E+22	2,518301E+22	2,400363E+22	2,158147E+22	1,821025E+22	1,479348E+22	1,260185E+22	1,260189E+22	1,479350E+22	1,821006E+22
-639	2,158109E+22	2,400331E+22	2,518321E+22	2,518378E+22	2,400453E+22	2,158199E+22	1,821050E+22	1,479364E+22	1,260186E+22	1,260173E+22	1,479334E+22	1,821027E+22
-638	2,158210E+22	2,400473E+22	2,518389E+22	2,518385E+22	2,400442E+22	2,158169E+22	1,821007E+22	1,479327E+22	1,260173E+22	1,260194E+22	1,479380E+22	1,821064E+22
-637	2,158194E+22	2,400415E+22	2,518299E+22	2,518260E+22	2,400359E+22	2,158164E+22	1,821047E+22	1,479373E+22	1,260201E+22	1,260185E+22	1,479330E+22	1,820983E+22
-636	2,158099E+22	2,400365E+22	2,518371E+22	2,518386E+22	2,400438E+22	2,158200E+22	1,821076E+22	1,479409E+22	1,260239E+22	1,260224E+22	1,479370E+22	1,821045E+22
-635	2,158198E+22	2,400436E+22	2,518377E+22	2,518372E+22	2,400397E+22	2,158134E+22	1,821017E+22	1,479384E+22	1,260257E+22	1,260274E+22	1,479421E+22	1,821043E+22
-634	2,158126E+22	2,400327E+22	2,518247E+22	2,518276E+22	2,400385E+22	2,158172E+22	1,821068E+22	1,479432E+22	1,260293E+22	1,260288E+22	1,479419E+22	1,821033E+22
-633	2,158115E+22	2,400359E+22	2,518322E+22	2,518336E+22	2,400421E+22	2,158194E+22	1,821079E+22	1,479445E+22	1,260321E+22	1,260335E+22	1,479485E+22	1,821130E+22
-632	2,158219E+22	2,400400E+22	2,518285E+22	2,518241E+22	2,400313E+22	2,158134E+22	1,821073E+22	1,479462E+22	1,260344E+22	1,260350E+22	1,479470E+22	1,821068E+22
-631	2,158125E+22	2,400302E+22	2,518237E+22	2,518269E+22	2,400361E+22	2,158166E+22	1,821107E+22	1,479513E+22	1,260388E+22	1,260365E+22	1,479457E+22	1,821059E+22
-630	2,158175E+22	2,400427E+22	2,518347E+22	2,518324E+22	2,400374E+22	2,158141E+22	1,821064E+22	1,479481E+22	1,260392E+22	1,260409E+22	1,479528E+22	1,821120E+22
-629	2,158179E+22	2,400374E+22	2,518271E+22	2,518226E+22	2,400302E+22	2,158126E+22	1,821081E+22	1,479504E+22	1,260405E+22	1,260399E+22	1,479485E+22	1,821040E+22
-628	2,158066E+22	2,400272E+22	2,518271E+22	2,518324E+22	2,400405E+22	2,158195E+22	1,821122E+22	1,479525E+22	1,260410E+22	1,260398E+22	1,479495E+22	1,821089E+22
-627	2,158180E+22	2,400389E+22	2,518313E+22	2,518325E+22	2,400383E+22	2,158149E+22	1,821065E+22	1,479470E+22	1,260375E+22	1,260395E+22	1,479517E+22	1,821103E+22
-626	2,158146E+22	2,400315E+22	2,518201E+22	2,518206E+22	2,400335E+22	2,158169E+22	1,821105E+22	1,479495E+22	1,260364E+22	1,260347E+22	1,479452E+22	1,821043E+22
-625	2,158104E+22	2,400328E+22	2,518292E+22	2,518301E+22	2,400382E+22	2,158186E+22	1,821106E+22	1,479488E+22	1,260355E+22	1,260344E+22	1,479466E+22	1,821102E+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	2,158215E+22	2,400419E+22	2,518322E+22	2,518280E+22	2,400316E+22	2,158112E+22	1,821049E+22	1,479442E+22	1,260322E+22	1,260326E+22	1,479446E+22	1,821041E+22
-623	2,158108E+22	2,400306E+22	2,518246E+22	2,518287E+22	2,400378E+22	2,158155E+22	1,821063E+22	1,479443E+22	1,260305E+22	1,260290E+22	1,479406E+22	1,821020E+22
-622	2,158136E+22	2,400407E+22	2,518357E+22	2,518356E+22	2,400419E+22	2,158166E+22	1,821029E+22	1,479385E+22	1,260263E+22	1,260288E+22	1,479455E+22	1,821109E+22
-621	2,158204E+22	2,400404E+22	2,518309E+22	2,518267E+22	2,400332E+22	2,158134E+22	1,821035E+22	1,479389E+22	1,260247E+22	1,260248E+22	1,479390E+22	1,821022E+22
-620	2,158105E+22	2,400302E+22	2,518274E+22	2,518328E+22	2,400416E+22	2,158197E+22	1,821086E+22	1,479429E+22	1,260263E+22	1,260242E+22	1,479374E+22	1,821031E+22
-619	2,158192E+22	2,400450E+22	2,518373E+22	2,518367E+22	2,400410E+22	2,158152E+22	1,821029E+22	1,479389E+22	1,260257E+22	1,260270E+22	1,479420E+22	1,821059E+22
-618	2,158162E+22	2,400381E+22	2,518281E+22	2,518253E+22	2,400342E+22	2,158151E+22	1,821063E+22	1,479429E+22	1,260284E+22	1,260273E+22	1,479396E+22	1,821002E+22
-617	2,158070E+22	2,400306E+22	2,518301E+22	2,518336E+22	2,400408E+22	2,158189E+22	1,821093E+22	1,479465E+22	1,260330E+22	1,260323E+22	1,479449E+22	1,821080E+22
-616	2,158188E+22	2,400399E+22	2,518323E+22	2,518308E+22	2,400353E+22	2,158132E+22	1,821049E+22	1,479442E+22	1,260338E+22	1,260360E+22	1,479490E+22	1,821077E+22
-615	2,158117E+22	2,400281E+22	2,518191E+22	2,518229E+22	2,400348E+22	2,158162E+22	1,821096E+22	1,479497E+22	1,260379E+22	1,260370E+22	1,479470E+22	1,821054E+22
-614	2,158128E+22	2,400356E+22	2,518281E+22	2,518276E+22	2,400365E+22	2,158165E+22	1,821089E+22	1,479498E+22	1,260403E+22	1,260415E+22	1,479536E+22	1,821147E+22
-613	2,158220E+22	2,400403E+22	2,518281E+22	2,518212E+22	2,400263E+22	2,158096E+22	1,821076E+22	1,479519E+22	1,260435E+22	1,260435E+22	1,479517E+22	1,821069E+22
-612	2,158095E+22	2,400266E+22	2,518211E+22	2,518250E+22	2,400337E+22	2,158152E+22	1,821127E+22	1,479574E+22	1,260478E+22	1,260456E+22	1,479517E+22	1,821066E+22
-611	2,158136E+22	2,400373E+22	2,518317E+22	2,518324E+22	2,400371E+22	2,158136E+22	1,821075E+22	1,479528E+22	1,260468E+22	1,260488E+22	1,479584E+22	1,821136E+22
-610	2,158152E+22	2,400321E+22	2,518224E+22	2,518207E+22	2,400299E+22	2,158137E+22	1,821107E+22	1,479548E+22	1,260465E+22	1,260467E+22	1,479546E+22	1,821074E+22
-609	2,158062E+22	2,400224E+22	2,518189E+22	2,518250E+22	2,400361E+22	2,158189E+22	1,821153E+22	1,479582E+22	1,260482E+22	1,260468E+22	1,479546E+22	1,821114E+22
-608	2,158183E+22	2,400379E+22	2,518272E+22	2,518254E+22	2,400323E+22	2,158137E+22	1,821095E+22	1,479529E+22	1,260448E+22	1,260460E+22	1,479555E+22	1,821109E+22
-607	2,158129E+22	2,400294E+22	2,518182E+22	2,518181E+22	2,400296E+22	2,158142E+22	1,821116E+22	1,479549E+22	1,260443E+22	1,260421E+22	1,479489E+22	1,821041E+22
-606	2,158092E+22	2,400319E+22	2,518271E+22	2,518275E+22	2,400345E+22	2,158148E+22	1,821094E+22	1,479517E+22	1,260420E+22	1,260418E+22	1,479521E+22	1,821119E+22
-605	2,158200E+22	2,400398E+22	2,518305E+22	2,518269E+22	2,400301E+22	2,158091E+22	1,821042E+22	1,479471E+22	1,260383E+22	1,260393E+22	1,479498E+22	1,821063E+22
-604	2,158093E+22	2,400264E+22	2,518198E+22	2,518258E+22	2,400367E+22	2,158164E+22	1,821091E+22	1,479487E+22	1,260363E+22	1,260350E+22	1,479455E+22	1,821045E+22
-603	2,158129E+22	2,400371E+22	2,518321E+22	2,518335E+22	2,400402E+22	2,158165E+22	1,821055E+22	1,479434E+22	1,260321E+22	1,260339E+22	1,479485E+22	1,821119E+22
-602	2,158199E+22	2,400389E+22	2,518285E+22	2,518245E+22	2,400314E+22	2,158135E+22	1,821065E+22	1,479444E+22	1,260312E+22	1,260310E+22	1,479432E+22	1,821032E+22
-601	2,158091E+22	2,400278E+22	2,518227E+22	2,518271E+22	2,400362E+22	2,158175E+22	1,821111E+22	1,479495E+22	1,260355E+22	1,260330E+22	1,479429E+22	1,821035E+22
-600	2,158161E+22	2,400419E+22	2,518341E+22	2,518325E+22	2,400369E+22	2,158136E+22	1,821050E+22	1,479451E+22	1,260349E+22	1,260364E+22	1,479485E+22	1,821072E+22
-599	2,158124E+22	2,400321E+22	2,518231E+22	2,518229E+22	2,400327E+22	2,158139E+22	1,821076E+22	1,479485E+22	1,260375E+22	1,260369E+22	1,479464E+22	1,821030E+22
-598	2,158067E+22	2,400271E+22	2,518233E+22	2,518269E+22	2,400358E+22	2,158165E+22	1,821099E+22	1,479507E+22	1,260405E+22	1,260408E+22	1,479519E+22	1,821123E+22
-597	2,158201E+22	2,400386E+22	2,518282E+22	2,518254E+22	2,400300E+22	2,158100E+22	1,821059E+22	1,479497E+22	1,260419E+22	1,260435E+22	1,479541E+22	1,821102E+22
-596	2,158120E+22	2,400267E+22	2,518155E+22	2,518181E+22	2,400301E+22	2,158142E+22	1,821121E+22	1,479563E+22	1,260466E+22	1,260449E+22	1,479518E+22	1,821062E+22
-595	2,158110E+22	2,400338E+22	2,518280E+22	2,518272E+22	2,400334E+22	2,158138E+22	1,821101E+22	1,479555E+22	1,260487E+22	1,260494E+22	1,479579E+22	1,821144E+22
-594	2,158187E+22	2,400372E+22	2,518272E+22	2,518224E+22	2,400267E+22	2,158093E+22	1,821090E+22	1,479567E+22	1,260511E+22	1,260520E+22	1,479581E+22	1,821082E+22
-593	2,158059E+22	2,400208E+22	2,518147E+22	2,518209E+22	2,400322E+22	2,158157E+22	1,821154E+22	1,479631E+22	1,260562E+22	1,260546E+22	1,479586E+22	1,821091E+22
-592	2,158112E+22	2,400326E+22	2,518260E+22	2,518268E+22	2,400346E+22	2,158152E+22	1,821117E+22	1,479589E+22	1,260544E+22	1,260563E+22	1,479639E+22	1,821160E+22
-591	2,158137E+22	2,400272E+22	2,518162E+22	2,518160E+22	2,400273E+22	2,158135E+22	1,821141E+22	1,479615E+22	1,260548E+22	1,260540E+22	1,479587E+22	1,821091E+22
-590	2,158072E+22	2,400216E+22	2,518137E+22	2,518177E+22	2,400298E+22	2,158157E+22	1,821162E+22	1,479632E+22	1,260556E+22	1,260541E+22	1,479595E+22	1,821134E+22
-589	2,158183E+22	2,400378E+22	2,518262E+22	2,518220E+22	2,400267E+22	2,158088E+22	1,821090E+22	1,479577E+22	1,260525E+22	1,260533E+22	1,479603E+22	1,821120E+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	2,158107E+22	2,400263E+22	2,518157E+22	2,518162E+22	2,400271E+22	2,158117E+22	1,821119E+22	1,479590E+22	1,260512E+22	1,260496E+22	1,479547E+22	1,821061E+22
-587	2,158069E+22	2,400283E+22	2,518255E+22	2,518275E+22	2,400339E+22	2,158136E+22	1,821091E+22	1,479541E+22	1,260470E+22	1,260477E+22	1,479568E+22	1,821144E+22
-586	2,158193E+22	2,400370E+22	2,518274E+22	2,518254E+22	2,400299E+22	2,158099E+22	1,821059E+22	1,479499E+22	1,260423E+22	1,260442E+22	1,479542E+22	1,821088E+22
-585	2,158094E+22	2,400237E+22	2,518137E+22	2,518197E+22	2,400329E+22	2,158161E+22	1,821122E+22	1,479542E+22	1,260429E+22	1,260408E+22	1,479490E+22	1,821055E+22
-584	2,158122E+22	2,400364E+22	2,518294E+22	2,518283E+22	2,400360E+22	2,158159E+22	1,821087E+22	1,479498E+22	1,260399E+22	1,260402E+22	1,479513E+22	1,821109E+22
-583	2,158163E+22	2,400355E+22	2,518262E+22	2,518227E+22	2,400289E+22	2,158116E+22	1,821086E+22	1,479511E+22	1,260405E+22	1,260394E+22	1,479472E+22	1,821027E+22
-582	2,158065E+22	2,400245E+22	2,518183E+22	2,518230E+22	2,400326E+22	2,158146E+22	1,821111E+22	1,479542E+22	1,260439E+22	1,260423E+22	1,479499E+22	1,821060E+22
-581	2,158137E+22	2,400378E+22	2,518300E+22	2,518290E+22	2,400337E+22	2,158111E+22	1,821055E+22	1,479501E+22	1,260432E+22	1,260451E+22	1,479554E+22	1,821106E+22
-580	2,158108E+22	2,400271E+22	2,518170E+22	2,518179E+22	2,400295E+22	2,158133E+22	1,821102E+22	1,479542E+22	1,260456E+22	1,260453E+22	1,479531E+22	1,821067E+22
-579	2,158065E+22	2,400243E+22	2,518200E+22	2,518234E+22	2,400322E+22	2,158144E+22	1,821113E+22	1,479561E+22	1,260481E+22	1,260480E+22	1,479567E+22	1,821144E+22
-578	2,158203E+22	2,400379E+22	2,518263E+22	2,518228E+22	2,400273E+22	2,158089E+22	1,821080E+22	1,479552E+22	1,260496E+22	1,260514E+22	1,479595E+22	1,821116E+22
-577	2,158106E+22	2,400245E+22	2,518121E+22	2,518139E+22	2,400258E+22	2,158121E+22	1,821144E+22	1,479632E+22	1,260563E+22	1,260544E+22	1,479579E+22	1,821072E+22
-576	2,158078E+22	2,400301E+22	2,518250E+22	2,518246E+22	2,400317E+22	2,158135E+22	1,821124E+22	1,479619E+22	1,260580E+22	1,260586E+22	1,479641E+22	1,821156E+22
-575	2,158147E+22	2,400307E+22	2,518220E+22	2,518204E+22	2,400268E+22	2,158102E+22	1,821118E+22	1,479628E+22	1,260600E+22	1,260609E+22	1,479642E+22	1,821109E+22
-574	2,158056E+22	2,400169E+22	2,518072E+22	2,518134E+22	2,400278E+22	2,158147E+22	1,821175E+22	1,479681E+22	1,260636E+22	1,260626E+22	1,479650E+22	1,821128E+22
-573	2,158115E+22	2,400303E+22	2,518212E+22	2,518205E+22	2,400289E+22	2,158121E+22	1,821135E+22	1,479651E+22	1,260623E+22	1,260631E+22	1,479682E+22	1,821179E+22
-572	2,158134E+22	2,400255E+22	2,518126E+22	2,518108E+22	2,400222E+22	2,158109E+22	1,821159E+22	1,479675E+22	1,260629E+22	1,260615E+22	1,479632E+22	1,821101E+22
-571	2,158055E+22	2,400199E+22	2,518136E+22	2,518165E+22	2,400259E+22	2,158115E+22	1,821155E+22	1,479671E+22	1,260625E+22	1,260608E+22	1,479635E+22	1,821139E+22
-570	2,158163E+22	2,400356E+22	2,518255E+22	2,518225E+22	2,400268E+22	2,158077E+22	1,821089E+22	1,479602E+22	1,260577E+22	1,260599E+22	1,479658E+22	1,821140E+22
-569	2,158089E+22	2,400225E+22	2,518113E+22	2,518126E+22	2,400253E+22	2,158116E+22	1,821134E+22	1,479627E+22	1,260570E+22	1,260559E+22	1,479597E+22	1,821084E+22
-568	2,158057E+22	2,400250E+22	2,518213E+22	2,518233E+22	2,400324E+22	2,158149E+22	1,821122E+22	1,479587E+22	1,260527E+22	1,260528E+22	1,479600E+22	1,821153E+22
-567	2,158179E+22	2,400335E+22	2,518234E+22	2,518226E+22	2,400291E+22	2,158105E+22	1,821091E+22	1,479558E+22	1,260495E+22	1,260500E+22	1,479565E+22	1,821089E+22
-566	2,158095E+22	2,400229E+22	2,518097E+22	2,518132E+22	2,400276E+22	2,158136E+22	1,821136E+22	1,479596E+22	1,260506E+22	1,260483E+22	1,479534E+22	1,821061E+22
-565	2,158099E+22	2,400340E+22	2,518277E+22	2,518253E+22	2,400313E+22	2,158118E+22	1,821095E+22	1,479560E+22	1,260488E+22	1,260485E+22	1,479564E+22	1,821115E+22
-564	2,158127E+22	2,400302E+22	2,518219E+22	2,518199E+22	2,400267E+22	2,158097E+22	1,821095E+22	1,479564E+22	1,260493E+22	1,260489E+22	1,479545E+22	1,821055E+22
-563	2,158037E+22	2,400192E+22	2,518144E+22	2,518202E+22	2,400302E+22	2,158126E+22	1,821112E+22	1,479579E+22	1,260508E+22	1,260502E+22	1,479565E+22	1,821101E+22
-562	2,158140E+22	2,400345E+22	2,518255E+22	2,518250E+22	2,400314E+22	2,158107E+22	1,821073E+22	1,479539E+22	1,260491E+22	1,260523E+22	1,479618E+22	1,821145E+22
-561	2,158120E+22	2,400251E+22	2,518115E+22	2,518108E+22	2,400241E+22	2,158115E+22	1,821127E+22	1,479604E+22	1,260537E+22	1,260530E+22	1,479581E+22	1,821087E+22
-560	2,158066E+22	2,400241E+22	2,518181E+22	2,518188E+22	2,400283E+22	2,158132E+22	1,821137E+22	1,479626E+22	1,260570E+22	1,260559E+22	1,479606E+22	1,821142E+22
-559	2,158175E+22	2,400349E+22	2,518247E+22	2,518221E+22	2,400264E+22	2,158079E+22	1,821101E+22	1,479620E+22	1,260595E+22	1,260605E+22	1,479640E+22	1,821116E+22
-558	2,158084E+22	2,400211E+22	2,518080E+22	2,518101E+22	2,400235E+22	2,158107E+22	1,821156E+22	1,479687E+22	1,260654E+22	1,260642E+22	1,479651E+22	1,821097E+22
-557	2,158051E+22	2,400251E+22	2,518207E+22	2,518211E+22	2,400291E+22	2,158124E+22	1,821149E+22	1,479683E+22	1,260667E+22	1,260672E+22	1,479703E+22	1,821182E+22
-556	2,158127E+22	2,400249E+22	2,518152E+22	2,518149E+22	2,400239E+22	2,158103E+22	1,821156E+22	1,479697E+22	1,260686E+22	1,260693E+22	1,479703E+22	1,821138E+22
-555	2,158048E+22	2,400140E+22	2,518037E+22	2,518086E+22	2,400232E+22	2,158124E+22	1,821191E+22	1,479736E+22	1,260712E+22	1,260696E+22	1,479695E+22	1,821148E+22
-554	2,158119E+22	2,400295E+22	2,518192E+22	2,518165E+22	2,400247E+22	2,158098E+22	1,821146E+22	1,479694E+22	1,260692E+22	1,260706E+22	1,479732E+22	1,821189E+22
-553	2,158120E+22	2,400232E+22	2,518098E+22	2,518066E+22	2,400173E+22	2,158074E+22	1,821164E+22	1,479725E+22	1,260710E+22	1,260697E+22	1,479688E+22	1,821115E+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												
-552	2,158034E+22	2,400171E+22	2,518115E+22	2,518149E+22	2,400249E+22	2,158104E+22	1,821154E+22	1,479707E+22	1,260691E+22	1,260679E+22	1,479684E+22	1,821154E+22
-551	2,158138E+22	2,400305E+22	2,518214E+22	2,518211E+22	2,400275E+22	2,158085E+22	1,821105E+22	1,479641E+22	1,260638E+22	1,260661E+22	1,479697E+22	1,821160E+22
-550	2,158096E+22	2,400200E+22	2,518060E+22	2,518067E+22	2,400219E+22	2,158109E+22	1,821151E+22	1,479665E+22	1,260624E+22	1,260616E+22	1,479640E+22	1,821107E+22
-549	2,158059E+22	2,400235E+22	2,518185E+22	2,518189E+22	2,400279E+22	2,158126E+22	1,821143E+22	1,479646E+22	1,260594E+22	1,260581E+22	1,479624E+22	1,821150E+22
-548	2,158159E+22	2,400309E+22	2,518206E+22	2,518189E+22	2,400257E+22	2,158092E+22	1,821114E+22	1,479618E+22	1,260575E+22	1,260573E+22	1,479604E+22	1,821086E+22
-547	2,158059E+22	2,400198E+22	2,518092E+22	2,518118E+22	2,400246E+22	2,158107E+22	1,821136E+22	1,479639E+22	1,260581E+22	1,260560E+22	1,479584E+22	1,821070E+22
-546	2,158072E+22	2,400295E+22	2,518245E+22	2,518236E+22	2,400308E+22	2,158114E+22	1,821100E+22	1,479592E+22	1,260554E+22	1,260568E+22	1,479633E+22	1,821143E+22
-545	2,158110E+22	2,400251E+22	2,518156E+22	2,518142E+22	2,400235E+22	2,158093E+22	1,821116E+22	1,479615E+22	1,260569E+22	1,260572E+22	1,479613E+22	1,821096E+22
-544	2,158040E+22	2,400160E+22	2,518093E+22	2,518149E+22	2,400273E+22	2,158124E+22	1,821136E+22	1,479634E+22	1,260582E+22	1,260573E+22	1,479613E+22	1,821126E+22
-543	2,158143E+22	2,400321E+22	2,518217E+22	2,518211E+22	2,400289E+22	2,158103E+22	1,821102E+22	1,479606E+22	1,260578E+22	1,260597E+22	1,479655E+22	1,821158E+22
-542	2,158132E+22	2,400252E+22	2,518090E+22	2,518050E+22	2,400183E+22	2,158085E+22	1,821141E+22	1,479663E+22	1,260627E+22	1,260619E+22	1,479637E+22	1,821098E+22
-541	2,158047E+22	2,400220E+22	2,518172E+22	2,518169E+22	2,400243E+22	2,158097E+22	1,821151E+22	1,479695E+22	1,260668E+22	1,260652E+22	1,479662E+22	1,821146E+22
-540	2,158136E+22	2,400295E+22	2,518207E+22	2,518201E+22	2,400258E+22	2,158078E+22	1,821121E+22	1,479682E+22	1,260692E+22	1,260707E+22	1,479714E+22	1,821140E+22
-539	2,158052E+22	2,400155E+22	2,518038E+22	2,518064E+22	2,400209E+22	2,158100E+22	1,821171E+22	1,479735E+22	1,260732E+22	1,260726E+22	1,479715E+22	1,821132E+22
-538	2,158047E+22	2,400206E+22	2,518149E+22	2,518161E+22	2,400264E+22	2,158124E+22	1,821175E+22	1,479732E+22	1,260738E+22	1,260749E+22	1,479763E+22	1,821209E+22
-537	2,158128E+22	2,400222E+22	2,518096E+22	2,518073E+22	2,400175E+22	2,158078E+22	1,821180E+22	1,479763E+22	1,260773E+22	1,260773E+22	1,479754E+22	1,821155E+22
-536	2,158043E+22	2,400125E+22	2,518011E+22	2,518039E+22	2,400185E+22	2,158098E+22	1,821200E+22	1,479792E+22	1,260795E+22	1,260772E+22	1,479736E+22	1,821148E+22
-535	2,158094E+22	2,400263E+22	2,518175E+22	2,518157E+22	2,400234E+22	2,158083E+22	1,821154E+22	1,479743E+22	1,260772E+22	1,260783E+22	1,479776E+22	1,821198E+22
-534	2,158110E+22	2,400205E+22	2,518064E+22	2,518031E+22	2,400147E+22	2,158057E+22	1,821161E+22	1,479755E+22	1,260773E+22	1,260773E+22	1,479749E+22	1,821140E+22
-533	2,158021E+22	2,400136E+22	2,518086E+22	2,518124E+22	2,400227E+22	2,158094E+22	1,821171E+22	1,479750E+22	1,260749E+22	1,260736E+22	1,479726E+22	1,821171E+22
-532	2,158128E+22	2,400265E+22	2,518165E+22	2,518175E+22	2,400262E+22	2,158094E+22	1,821135E+22	1,479693E+22	1,260703E+22	1,260720E+22	1,479735E+22	1,821172E+22
-531	2,158084E+22	2,400180E+22	2,518040E+22	2,518030E+22	2,400184E+22	2,158096E+22	1,821167E+22	1,479711E+22	1,260686E+22	1,260671E+22	1,479671E+22	1,821113E+22
-530	2,158051E+22	2,400214E+22	2,518165E+22	2,518160E+22	2,400249E+22	2,158115E+22	1,821160E+22	1,479689E+22	1,260661E+22	1,260653E+22	1,479669E+22	1,821149E+22
-529	2,158129E+22	2,400269E+22	2,518170E+22	2,518149E+22	2,400214E+22	2,158067E+22	1,821127E+22	1,479674E+22	1,260659E+22	1,260661E+22	1,479667E+22	1,821104E+22
-528	2,158035E+22	2,400153E+22	2,518049E+22	2,518086E+22	2,400230E+22	2,158099E+22	1,821140E+22	1,479680E+22	1,260655E+22	1,260641E+22	1,479646E+22	1,821097E+22
-527	2,158060E+22	2,400247E+22	2,518190E+22	2,518197E+22	2,400293E+22	2,158118E+22	1,821121E+22	1,479639E+22	1,260625E+22	1,260641E+22	1,479685E+22	1,821178E+22
-526	2,158133E+22	2,400233E+22	2,518100E+22	2,518069E+22	2,400179E+22	2,158071E+22	1,821129E+22	1,479661E+22	1,260639E+22	1,260645E+22	1,479669E+22	1,821128E+22
-525	2,158056E+22	2,400159E+22	2,518076E+22	2,518106E+22	2,400216E+22	2,158088E+22	1,821153E+22	1,479698E+22	1,260663E+22	1,260642E+22	1,479649E+22	1,821128E+22
-524	2,158129E+22	2,400302E+22	2,518199E+22	2,518184E+22	2,400258E+22	2,158085E+22	1,821122E+22	1,479673E+22	1,260673E+22	1,260686E+22	1,479704E+22	1,821155E+22
-523	2,158093E+22	2,400221E+22	2,518092E+22	2,518048E+22	2,400163E+22	2,158064E+22	1,821147E+22	1,479715E+22	1,260713E+22	1,260709E+22	1,479697E+22	1,821109E+22
-522	2,158016E+22	2,400169E+22	2,518137E+22	2,518154E+22	2,400242E+22	2,158104E+22	1,821170E+22	1,479739E+22	1,260747E+22	1,260746E+22	1,479733E+22	1,821163E+22
-521	2,158103E+22	2,400229E+22	2,518137E+22	2,518141E+22	2,400225E+22	2,158082E+22	1,821159E+22	1,479750E+22	1,260782E+22	1,260800E+22	1,479785E+22	1,821174E+22
-520	2,158044E+22	2,400109E+22	2,517974E+22	2,518006E+22	2,400180E+22	2,158099E+22	1,821201E+22	1,479801E+22	1,260819E+22	1,260807E+22	1,479768E+22	1,821153E+22
-519	2,158045E+22	2,400172E+22	2,518094E+22	2,518105E+22	2,400226E+22	2,158115E+22	1,821204E+22	1,479802E+22	1,260830E+22	1,260830E+22	1,479806E+22	1,821224E+22
-518	2,158135E+22	2,400212E+22	2,518060E+22	2,518010E+22	2,400107E+22	2,158037E+22	1,821186E+22	1,479817E+22	1,260860E+22	1,260863E+22	1,479817E+22	1,821175E+22
-517	2,158032E+22	2,400106E+22	2,518001E+22	2,518022E+22	2,400141E+22	2,158052E+22	1,821199E+22	1,479842E+22	1,260873E+22	1,260852E+22	1,479791E+22	1,821161E+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												
-516	2,158068E+22	2,400218E+22	2,518138E+22	2,518139E+22	2,400227E+22	2,158079E+22	1,821162E+22	1,479783E+22	1,260842E+22	1,260862E+22	1,479838E+22	1,821222E+22
-515	2,158091E+22	2,400171E+22	2,518041E+22	2,518008E+22	2,400128E+22	2,158053E+22	1,821171E+22	1,479782E+22	1,260821E+22	1,260827E+22	1,479793E+22	1,821167E+22
-514	2,158027E+22	2,400113E+22	2,518048E+22	2,518089E+22	2,400208E+22	2,158100E+22	1,821195E+22	1,479785E+22	1,260798E+22	1,260789E+22	1,479758E+22	1,821173E+22
-513	2,158118E+22	2,400244E+22	2,518125E+22	2,518120E+22	2,400216E+22	2,158084E+22	1,821165E+22	1,479754E+22	1,260776E+22	1,260783E+22	1,479768E+22	1,821171E+22
-512	2,158066E+22	2,400159E+22	2,518017E+22	2,518004E+22	2,400156E+22	2,158081E+22	1,821181E+22	1,479764E+22	1,260763E+22	1,260741E+22	1,479705E+22	1,821106E+22
-511	2,158018E+22	2,400169E+22	2,518131E+22	2,518147E+22	2,400240E+22	2,158109E+22	1,821176E+22	1,479742E+22	1,260740E+22	1,260730E+22	1,479718E+22	1,821163E+22
-510	2,158116E+22	2,400229E+22	2,518120E+22	2,518100E+22	2,400177E+22	2,158049E+22	1,821133E+22	1,479712E+22	1,260729E+22	1,260743E+22	1,479739E+22	1,821141E+22
-509	2,158031E+22	2,400119E+22	2,518010E+22	2,518047E+22	2,400187E+22	2,158077E+22	1,821159E+22	1,479730E+22	1,260721E+22	1,260709E+22	1,479699E+22	1,821125E+22
-508	2,158062E+22	2,400220E+22	2,518144E+22	2,518153E+22	2,400262E+22	2,158111E+22	1,821145E+22	1,479695E+22	1,260701E+22	1,260715E+22	1,479735E+22	1,821196E+22
-507	2,158131E+22	2,400232E+22	2,518092E+22	2,518032E+22	2,400132E+22	2,158044E+22	1,821137E+22	1,479707E+22	1,260711E+22	1,260714E+22	1,479711E+22	1,821137E+22
-506	2,158049E+22	2,400147E+22	2,518067E+22	2,518089E+22	2,400189E+22	2,158073E+22	1,821166E+22	1,479745E+22	1,260743E+22	1,260729E+22	1,479702E+22	1,821124E+22
-505	2,158090E+22	2,400257E+22	2,518166E+22	2,518159E+22	2,400231E+22	2,158071E+22	1,821141E+22	1,479737E+22	1,260770E+22	1,260785E+22	1,479773E+22	1,821172E+22
-504	2,158059E+22	2,400159E+22	2,518036E+22	2,518022E+22	2,400159E+22	2,158068E+22	1,821166E+22	1,479771E+22	1,260801E+22	1,260801E+22	1,479764E+22	1,821135E+22
-503	2,157996E+22	2,400104E+22	2,518060E+22	2,518105E+22	2,400227E+22	2,158120E+22	1,821210E+22	1,479805E+22	1,260833E+22	1,260829E+22	1,479794E+22	1,821197E+22
-502	2,158112E+22	2,400196E+22	2,518065E+22	2,518054E+22	2,400156E+22	2,158058E+22	1,821183E+22	1,479812E+22	1,260868E+22	1,260822E+22	1,479850E+22	1,821207E+22
-501	2,158051E+22	2,400099E+22	2,517944E+22	2,517949E+22	2,400105E+22	2,158056E+22	1,821219E+22	1,479870E+22	1,260908E+22	1,260887E+22	1,479814E+22	1,821161E+22
-500	2,158033E+22	2,400153E+22	2,518070E+22	2,518072E+22	2,400183E+22	2,158085E+22	1,821214E+22	1,479861E+22	1,260922E+22	1,260921E+22	1,479863E+22	1,821229E+22
-499	2,158106E+22	2,400191E+22	2,518057E+22	2,518001E+22	2,400082E+22	2,158008E+22	1,821177E+22	1,479850E+22	1,260928E+22	1,260940E+22	1,479874E+22	1,821196E+22
-498	2,158018E+22	2,400074E+22	2,517975E+22	2,518014E+22	2,400142E+22	2,158057E+22	1,821208E+22	1,479868E+22	1,260929E+22	1,260923E+22	1,479846E+22	1,821178E+22
-497	2,158048E+22	2,400174E+22	2,518088E+22	2,518098E+22	2,400204E+22	2,158086E+22	1,821196E+22	1,479837E+22	1,260907E+22	1,260925E+22	1,479885E+22	1,821244E+22
-496	2,158085E+22	2,400138E+22	2,517994E+22	2,517976E+22	2,400116E+22	2,158059E+22	1,821201E+22	1,479837E+22	1,260887E+22	1,260883E+22	1,479822E+22	1,821170E+22
-495	2,158018E+22	2,400089E+22	2,518007E+22	2,518050E+22	2,400184E+22	2,158104E+22	1,821231E+22	1,479849E+22	1,260875E+22	1,260851E+22	1,479787E+22	1,821171E+22
-494	2,158102E+22	2,400223E+22	2,518092E+22	2,518070E+22	2,400158E+22	2,158051E+22	1,821175E+22	1,479807E+22	1,260857E+22	1,260865E+22	1,479824E+22	1,821183E+22
-493	2,158043E+22	2,400128E+22	2,517996E+22	2,517985E+22	2,400114E+22	2,158042E+22	1,821184E+22	1,479814E+22	1,260840E+22	1,260821E+22	1,479765E+22	1,821125E+22
-492	2,157995E+22	2,400119E+22	2,518074E+22	2,518110E+22	2,400220E+22	2,158100E+22	1,821185E+22	1,479782E+22	1,260812E+22	1,260812E+22	1,479786E+22	1,821194E+22
-491	2,158105E+22	2,400202E+22	2,518085E+22	2,518059E+22	2,400140E+22	2,158031E+22	1,821137E+22	1,479742E+22	1,260781E+22	1,260804E+22	1,479793E+22	1,821180E+22
-490	2,158050E+22	2,400112E+22	2,517979E+22	2,518010E+22	2,400153E+22	2,158063E+22	1,821168E+22	1,479763E+22	1,260776E+22	1,260769E+22	1,479738E+22	1,821133E+22
-489	2,158054E+22	2,400207E+22	2,518116E+22	2,518108E+22	2,400212E+22	2,158091E+22	1,821168E+22	1,479756E+22	1,260781E+22	1,260787E+22	1,479776E+22	1,821198E+22
-488	2,158109E+22	2,400208E+22	2,518076E+22	2,518028E+22	2,400121E+22	2,158032E+22	1,821150E+22	1,479762E+22	1,260794E+22	1,260794E+22	1,479754E+22	1,821132E+22
-487	2,158012E+22	2,400100E+22	2,518028E+22	2,518077E+22	2,400191E+22	2,158083E+22	1,821195E+22	1,479808E+22	1,260833E+22	1,260815E+22	1,479759E+22	1,821137E+22
-486	2,158061E+22	2,400202E+22	2,518102E+22	2,518106E+22	2,400198E+22	2,158067E+22	1,821168E+22	1,479796E+22	1,260858E+22	1,260880E+22	1,479850E+22	1,821209E+22
-485	2,158048E+22	2,400113E+22	2,517978E+22	2,517971E+22	2,400110E+22	2,158052E+22	1,821202E+22	1,479844E+22	1,260890E+22	1,260886E+22	1,479825E+22	1,821164E+22
-484	2,157993E+22	2,400065E+22	2,517991E+22	2,518039E+22	2,400181E+22	2,158108E+22	1,821242E+22	1,479879E+22	1,260930E+22	1,260921E+22	1,479856E+22	1,821218E+22
-483	2,158105E+22	2,400190E+22	2,518044E+22	2,518000E+22	2,400092E+22	2,158021E+22	1,821191E+22	1,479867E+22	1,260952E+22	1,260970E+22	1,479907E+22	1,821227E+22
-482	2,158048E+22	2,400092E+22	2,517935E+22	2,517927E+22	2,400065E+22	2,158023E+22	1,821218E+22	1,479910E+22	1,260988E+22	1,260978E+22	1,479874E+22	1,821168E+22
-481	2,158003E+22	2,400118E+22	2,518042E+22	2,518050E+22	2,400156E+22	2,158064E+22	1,821222E+22	1,479912E+22	1,261006E+22	1,261011E+22	1,479931E+22	1,821255E+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	2,158087E+22	2,400145E+22	2,518013E+22	2,517990E+22	2,400089E+22	2,158013E+22	1,821189E+22	1,479889E+22	1,260995E+22	1,261011E+22	1,479925E+22	1,821218E+22
-479	2,158008E+22	2,400034E+22	2,517921E+22	2,517981E+22	2,400137E+22	2,158077E+22	1,821247E+22	1,479923E+22	1,260994E+22	1,260979E+22	1,479884E+22	1,821199E+22
-478	2,158050E+22	2,400152E+22	2,518037E+22	2,518034E+22	2,400152E+22	2,158071E+22	1,821224E+22	1,479895E+22	1,260978E+22	1,260989E+22	1,479925E+22	1,821257E+22
-477	2,158078E+22	2,400125E+22	2,517973E+22	2,517938E+22	2,400059E+22	2,158028E+22	1,821225E+22	1,479902E+22	1,260964E+22	1,260948E+22	1,479854E+22	1,821164E+22
-476	2,157989E+22	2,400058E+22	2,517974E+22	2,518023E+22	2,400155E+22	2,158084E+22	1,821244E+22	1,479904E+22	1,260959E+22	1,260935E+22	1,479842E+22	1,821173E+22
-475	2,158063E+22	2,400191E+22	2,518071E+22	2,518047E+22	2,400130E+22	2,158023E+22	1,821166E+22	1,479834E+22	1,260917E+22	1,260938E+22	1,479885E+22	1,821211E+22
-474	2,158030E+22	2,400093E+22	2,517957E+22	2,517959E+22	2,400100E+22	2,158035E+22	1,821184E+22	1,479835E+22	1,260892E+22	1,260890E+22	1,479821E+22	1,821152E+22
-473	2,157986E+22	2,400084E+22	2,518024E+22	2,518063E+22	2,400184E+22	2,158089E+22	1,821205E+22	1,479829E+22	1,260875E+22	1,260876E+22	1,479836E+22	1,821226E+22
-472	2,158113E+22	2,400182E+22	2,518041E+22	2,518026E+22	2,400122E+22	2,158023E+22	1,821154E+22	1,479790E+22	1,260846E+22	1,260860E+22	1,479823E+22	1,821189E+22
-471	2,158048E+22	2,400104E+22	2,517953E+22	2,517979E+22	2,400131E+22	2,158063E+22	1,821200E+22	1,479825E+22	1,260853E+22	1,260833E+22	1,479772E+22	1,821136E+22
-470	2,158035E+22	2,400185E+22	2,518091E+22	2,518071E+22	2,400165E+22	2,158061E+22	1,821183E+22	1,479816E+22	1,260869E+22	1,260875E+22	1,479836E+22	1,821210E+22
-469	2,158078E+22	2,400167E+22	2,518047E+22	2,518011E+22	2,400092E+22	2,158011E+22	1,821170E+22	1,479825E+22	1,260884E+22	1,260885E+22	1,479818E+22	1,821150E+22
-468	2,157981E+22	2,400041E+22	2,517958E+22	2,518031E+22	2,400173E+22	2,158088E+22	1,821223E+22	1,479869E+22	1,260925E+22	1,260913E+22	1,479833E+22	1,821166E+22
-467	2,158041E+22	2,400164E+22	2,518048E+22	2,518043E+22	2,400150E+22	2,158049E+22	1,821186E+22	1,479849E+22	1,260935E+22	1,260960E+22	1,479913E+22	1,821246E+22
-466	2,158060E+22	2,400099E+22	2,517936E+22	2,517916E+22	2,400061E+22	2,158027E+22	1,821215E+22	1,479897E+22	1,260974E+22	1,260970E+22	1,479877E+22	1,821177E+22
-465	2,157983E+22	2,400050E+22	2,517959E+22	2,517985E+22	2,400118E+22	2,158071E+22	1,821259E+22	1,479949E+22	1,261028E+22	1,261013E+22	1,479913E+22	1,821232E+22
-464	2,158085E+22	2,400162E+22	2,518023E+22	2,517994E+22	2,400077E+22	2,157997E+22	1,821195E+22	1,479919E+22	1,261039E+22	1,261057E+22	1,479961E+22	1,821236E+22
-463	2,158023E+22	2,400057E+22	2,517905E+22	2,517919E+22	2,400069E+22	2,158030E+22	1,821240E+22	1,479962E+22	1,261066E+22	1,261056E+22	1,479932E+22	1,821192E+22
-462	2,157983E+22	2,400073E+22	2,517992E+22	2,518007E+22	2,400129E+22	2,158060E+22	1,821245E+22	1,479963E+22	1,261080E+22	1,261090E+22	1,479994E+22	1,821288E+22
-461	2,158082E+22	2,400112E+22	2,517972E+22	2,517956E+22	2,400059E+22	2,158009E+22	1,821226E+22	1,479952E+22	1,261067E+22	1,261076E+22	1,479967E+22	1,821233E+22
-460	2,158001E+22	2,400005E+22	2,517864E+22	2,517926E+22	2,400107E+22	2,158076E+22	1,821280E+22	1,479989E+22	1,261078E+22	1,261054E+22	1,479927E+22	1,821199E+22
-459	2,158024E+22	2,400137E+22	2,518017E+22	2,517988E+22	2,400101E+22	2,158042E+22	1,821234E+22	1,479944E+22	1,261050E+22	1,261058E+22	1,479969E+22	1,821266E+22
-458	2,158061E+22	2,400104E+22	2,517957E+22	2,517919E+22	2,400027E+22	2,157994E+22	1,821218E+22	1,479937E+22	1,261036E+22	1,261029E+22	1,479907E+22	1,821171E+22
-457	2,157954E+22	2,400009E+22	2,517929E+22	2,517985E+22	2,400123E+22	2,158060E+22	1,821246E+22	1,479945E+22	1,261030E+22	1,261014E+22	1,479908E+22	1,821208E+22
-456	2,158051E+22	2,400141E+22	2,518016E+22	2,518021E+22	2,400126E+22	2,158020E+22	1,821173E+22	1,479863E+22	1,260970E+22	1,260997E+22	1,479933E+22	1,821244E+22
-455	2,158038E+22	2,400072E+22	2,517911E+22	2,517915E+22	2,400080E+22	2,158040E+22	1,821211E+22	1,479878E+22	1,260944E+22	1,260935E+22	1,479855E+22	1,821178E+22
-454	2,157997E+22	2,400079E+22	2,517990E+22	2,518003E+22	2,400128E+22	2,158061E+22	1,821221E+22	1,479881E+22	1,260943E+22	1,260935E+22	1,479872E+22	1,821237E+22
-453	2,158110E+22	2,400180E+22	2,518037E+22	2,518004E+22	2,400077E+22	2,157994E+22	1,821174E+22	1,479850E+22	1,260923E+22	1,260927E+22	1,479853E+22	1,821179E+22
-452	2,158016E+22	2,400072E+22	2,517927E+22	2,517964E+22	2,400117E+22	2,158052E+22	1,821219E+22	1,479887E+22	1,260946E+22	1,260924E+22	1,479827E+22	1,821132E+22
-451	2,157985E+22	2,400141E+22	2,518064E+22	2,518048E+22	2,400147E+22	2,158049E+22	1,821193E+22	1,479862E+22	1,260947E+22	1,260960E+22	1,479900E+22	1,821235E+22
-450	2,158056E+22	2,400120E+22	2,517999E+22	2,517976E+22	2,400075E+22	2,158010E+22	1,821188E+22	1,479873E+22	1,260964E+22	1,260974E+22	1,479883E+22	1,821175E+22
-449	2,157964E+22	2,399994E+22	2,517891E+22	2,517963E+22	2,400128E+22	2,158077E+22	1,821258E+22	1,479942E+22	1,261017E+22	1,261003E+22	1,479900E+22	1,821203E+22
-448	2,158043E+22	2,400130E+22	2,517992E+22	2,517994E+22	2,400118E+22	2,158034E+22	1,821207E+22	1,479912E+22	1,261024E+22	1,261043E+22	1,479963E+22	1,821264E+22
-447	2,158057E+22	2,400086E+22	2,517909E+22	2,517876E+22	2,400023E+22	2,158011E+22	1,821240E+22	1,479965E+22	1,261066E+22	1,261055E+22	1,479933E+22	1,821196E+22
-446	2,157968E+22	2,400025E+22	2,517935E+22	2,517949E+22	2,400068E+22	2,158028E+22	1,821261E+22	1,480006E+22	1,261123E+22	1,261112E+22	1,479986E+22	1,821260E+22
-445	2,158067E+22	2,400124E+22	2,517993E+22	2,517974E+22	2,400053E+22	2,157979E+22	1,821210E+22	1,479973E+22	1,261122E+22	1,261144E+22	1,480024E+22	1,821261E+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	2,158005E+22	2,400009E+22	2,517849E+22	2,517880E+22	2,400060E+22	2,158041E+22	1,821270E+22	1,480018E+22	1,261146E+22	1,261140E+22	1,479995E+22	1,821216E+22
-443	2,157971E+22	2,400048E+22	2,517952E+22	2,517954E+22	2,400087E+22	2,158048E+22	1,821265E+22	1,480010E+22	1,261144E+22	1,261151E+22	1,480036E+22	1,821309E+22
-442	2,158084E+22	2,400099E+22	2,517940E+22	2,517910E+22	2,400021E+22	2,157991E+22	1,821239E+22	1,480001E+22	1,261141E+22	1,261145E+22	1,480000E+22	1,821228E+22
-441	2,157976E+22	2,399981E+22	2,517836E+22	2,517880E+22	2,400060E+22	2,158050E+22	1,821297E+22	1,480049E+22	1,261162E+22	1,261133E+22	1,479973E+22	1,821206E+22
-440	2,157995E+22	2,400089E+22	2,517982E+22	2,517976E+22	2,400092E+22	2,158022E+22	1,821234E+22	1,479984E+22	1,261121E+22	1,261130E+22	1,480014E+22	1,821275E+22
-439	2,158036E+22	2,400063E+22	2,517919E+22	2,517896E+22	2,400023E+22	2,157999E+22	1,821235E+22	1,479978E+22	1,261096E+22	1,261091E+22	1,479960E+22	1,821203E+22
-438	2,157946E+22	2,399970E+22	2,517881E+22	2,517934E+22	2,400081E+22	2,158040E+22	1,821257E+22	1,479985E+22	1,261090E+22	1,261079E+22	1,479963E+22	1,821247E+22
-437	2,158061E+22	2,400121E+22	2,517981E+22	2,517978E+22	2,400086E+22	2,158006E+22	1,821199E+22	1,479914E+22	1,261031E+22	1,261052E+22	1,479966E+22	1,821257E+22
-436	2,158042E+22	2,400062E+22	2,517880E+22	2,517871E+22	2,400051E+22	2,158035E+22	1,821236E+22	1,479935E+22	1,261020E+22	1,261004E+22	1,479891E+22	1,821172E+22
-435	2,157976E+22	2,400077E+22	2,517988E+22	2,517972E+22	2,400084E+22	2,158033E+22	1,821226E+22	1,479926E+22	1,261014E+22	1,261005E+22	1,479911E+22	1,821239E+22
-434	2,158087E+22	2,400157E+22	2,518028E+22	2,517999E+22	2,400065E+22	2,157972E+22	1,821171E+22	1,479893E+22	1,261006E+22	1,261014E+22	1,479907E+22	1,821181E+22
-433	2,157973E+22	2,400014E+22	2,517879E+22	2,517929E+22	2,400100E+22	2,158046E+22	1,821236E+22	1,479943E+22	1,261034E+22	1,261019E+22	1,479901E+22	1,821167E+22
-432	2,157963E+22	2,400068E+22	2,517992E+22	2,518012E+22	2,400142E+22	2,158055E+22	1,821217E+22	1,479914E+22	1,261024E+22	1,261040E+22	1,479960E+22	1,821268E+22
-431	2,158058E+22	2,400086E+22	2,517940E+22	2,517917E+22	2,400043E+22	2,158013E+22	1,821226E+22	1,479940E+22	1,261044E+22	1,261047E+22	1,479939E+22	1,821210E+22
-430	2,157968E+22	2,399974E+22	2,517846E+22	2,517888E+22	2,400053E+22	2,158037E+22	1,821274E+22	1,480009E+22	1,261112E+22	1,261092E+22	1,479959E+22	1,821228E+22
-429	2,158044E+22	2,400119E+22	2,517977E+22	2,517957E+22	2,400062E+22	2,157999E+22	1,821224E+22	1,479977E+22	1,261119E+22	1,261134E+22	1,480016E+22	1,821272E+22
-428	2,158036E+22	2,400057E+22	2,517882E+22	2,517853E+22	2,400002E+22	2,157995E+22	1,821250E+22	1,480022E+22	1,261162E+22	1,261156E+22	1,479999E+22	1,821205E+22
-427	2,157936E+22	2,399992E+22	2,517908E+22	2,517922E+22	2,400048E+22	2,158016E+22	1,821266E+22	1,480046E+22	1,261195E+22	1,261194E+22	1,480049E+22	1,821291E+22
-426	2,158059E+22	2,400089E+22	2,517956E+22	2,517949E+22	2,400043E+22	2,157979E+22	1,821224E+22	1,480018E+22	1,261196E+22	1,261221E+22	1,480075E+22	1,821278E+22
-425	2,157989E+22	2,399967E+22	2,517794E+22	2,517823E+22	2,400026E+22	2,158039E+22	1,821305E+22	1,480086E+22	1,261230E+22	1,261216E+22	1,480044E+22	1,821237E+22
-424	2,157961E+22	2,400005E+22	2,517903E+22	2,517916E+22	2,400065E+22	2,158043E+22	1,821292E+22	1,480070E+22	1,261223E+22	1,261220E+22	1,480069E+22	1,821307E+22
-423	2,158067E+22	2,400079E+22	2,517917E+22	2,517875E+22	2,399987E+22	2,157981E+22	1,821265E+22	1,480062E+22	1,261220E+22	1,261217E+22	1,480047E+22	1,821238E+22
-422	2,157948E+22	2,399942E+22	2,517803E+22	2,517838E+22	2,400009E+22	2,158010E+22	1,821295E+22	1,480097E+22	1,261243E+22	1,261219E+22	1,480039E+22	1,821233E+22
-421	2,157982E+22	2,400047E+22	2,517941E+22	2,517940E+22	2,400063E+22	2,158009E+22	1,821243E+22	1,480021E+22	1,261186E+22	1,261203E+22	1,480069E+22	1,821302E+22
-420	2,158033E+22	2,400025E+22	2,517866E+22	2,517850E+22	2,400002E+22	2,157999E+22	1,821252E+22	1,480018E+22	1,261158E+22	1,261159E+22	1,480010E+22	1,821225E+22
-419	2,157951E+22	2,399965E+22	2,517855E+22	2,517886E+22	2,400036E+22	2,158016E+22	1,821262E+22	1,480018E+22	1,261140E+22	1,261128E+22	1,479996E+22	1,821265E+22
-418	2,158072E+22	2,400124E+22	2,517974E+22	2,517952E+22	2,400053E+22	2,157981E+22	1,821199E+22	1,479955E+22	1,261098E+22	1,261112E+22	1,479990E+22	1,821245E+22
-417	2,158014E+22	2,400042E+22	2,517871E+22	2,517849E+22	2,400022E+22	2,158017E+22	1,821252E+22	1,479990E+22	1,261100E+22	1,261082E+22	1,479937E+22	1,821174E+22
-416	2,157940E+22	2,400019E+22	2,517956E+22	2,517975E+22	2,400093E+22	2,158031E+22	1,821237E+22	1,479970E+22	1,261088E+22	1,261081E+22	1,479958E+22	1,821241E+22
-415	2,158052E+22	2,400104E+22	2,517983E+22	2,517974E+22	2,400067E+22	2,157994E+22	1,821204E+22	1,479946E+22	1,261078E+22	1,261090E+22	1,479970E+22	1,821214E+22
-414	2,157957E+22	2,399960E+22	2,517817E+22	2,517864E+22	2,400054E+22	2,158034E+22	1,821263E+22	1,480005E+22	1,261119E+22	1,261106E+22	1,479971E+22	1,821212E+22
-413	2,157974E+22	2,400034E+22	2,517931E+22	2,517941E+22	2,400088E+22	2,158042E+22	1,821251E+22	1,479982E+22	1,261111E+22	1,261121E+22	1,480012E+22	1,821290E+22
-412	2,158062E+22	2,400067E+22	2,517896E+22	2,517855E+22	2,399994E+22	2,157995E+22	1,821251E+22	1,480010E+22	1,261143E+22	1,261143E+22	1,479997E+22	1,821219E+22
-411	2,157959E+22	2,399971E+22	2,517839E+22	2,517848E+22	2,399990E+22	2,157988E+22	1,821269E+22	1,480057E+22	1,261197E+22	1,261181E+22	1,480019E+22	1,821246E+22
-410	2,158030E+22	2,400095E+22	2,517964E+22	2,517944E+22	2,400038E+22	2,157966E+22	1,821212E+22	1,480021E+22	1,261208E+22	1,261229E+22	1,480079E+22	1,821284E+22
-409	2,158005E+22	2,400008E+22	2,517841E+22	2,517822E+22	2,399988E+22	2,157994E+22	1,821268E+22	1,480073E+22	1,261245E+22	1,261248E+22	1,480071E+22	1,821239E+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	2,157924E+22	2,399932E+22	2,517848E+22	2,517892E+22	2,400043E+22	2,158026E+22	1,821294E+22	1,480097E+22	1,261266E+22	1,261263E+22	1,480094E+22	1,821306E+22
-407	2,158056E+22	2,400064E+22	2,517911E+22	2,517900E+22	2,400018E+22	2,157991E+22	1,821268E+22	1,480086E+22	1,261271E+22	1,261284E+22	1,480116E+22	1,821293E+22
-406	2,157978E+22	2,399942E+22	2,517758E+22	2,517763E+22	2,399961E+22	2,158007E+22	1,821327E+22	1,480156E+22	1,261322E+22	1,261298E+22	1,480093E+22	1,821247E+22
-405	2,157944E+22	2,399972E+22	2,517875E+22	2,517879E+22	2,400018E+22	2,158019E+22	1,821312E+22	1,480131E+22	1,261311E+22	1,261304E+22	1,480118E+22	1,821306E+22
-404	2,158034E+22	2,400033E+22	2,517878E+22	2,517849E+22	2,399969E+22	2,157971E+22	1,821276E+22	1,480112E+22	1,261303E+22	1,261308E+22	1,480112E+22	1,821250E+22
-403	2,157924E+22	2,399909E+22	2,517768E+22	2,517800E+22	2,399975E+22	2,157989E+22	1,821292E+22	1,480123E+22	1,261298E+22	1,261288E+22	1,480099E+22	1,821270E+22
-402	2,157988E+22	2,400024E+22	2,517908E+22	2,517909E+22	2,400039E+22	2,157995E+22	1,821245E+22	1,480055E+22	1,261245E+22	1,261264E+22	1,480111E+22	1,821321E+22
-401	2,158034E+22	2,400005E+22	2,517829E+22	2,517806E+22	2,399970E+22	2,157991E+22	1,821272E+22	1,480066E+22	1,261223E+22	1,261220E+22	1,480051E+22	1,821243E+22
-400	2,157950E+22	2,399940E+22	2,517830E+22	2,517869E+22	2,400020E+22	2,158010E+22	1,821279E+22	1,480062E+22	1,261202E+22	1,261183E+22	1,480020E+22	1,821256E+22
-399	2,158054E+22	2,400111E+22	2,517968E+22	2,517941E+22	2,400039E+22	2,157981E+22	1,821224E+22	1,480008E+22	1,261166E+22	1,261177E+22	1,480035E+22	1,821251E+22
-398	2,157978E+22	2,399992E+22	2,517837E+22	2,517821E+22	2,399989E+22	2,157995E+22	1,821261E+22	1,480043E+22	1,261183E+22	1,261169E+22	1,480004E+22	1,821202E+22
-397	2,157922E+22	2,399961E+22	2,517897E+22	2,517930E+22	2,400071E+22	2,158039E+22	1,821267E+22	1,480022E+22	1,261164E+22	1,261163E+22	1,480020E+22	1,821266E+22
-396	2,158043E+22	2,400057E+22	2,517916E+22	2,517910E+22	2,400032E+22	2,157996E+22	1,821237E+22	1,480006E+22	1,261159E+22	1,261174E+22	1,480030E+22	1,821237E+22
-395	2,157962E+22	2,399948E+22	2,517774E+22	2,517793E+22	2,399983E+22	2,157997E+22	1,821271E+22	1,480054E+22	1,261193E+22	1,261179E+22	1,480021E+22	1,821236E+22
-394	2,157988E+22	2,400036E+22	2,517915E+22	2,517901E+22	2,400032E+22	2,157998E+22	1,821245E+22	1,480035E+22	1,261201E+22	1,261205E+22	1,480055E+22	1,821289E+22
-393	2,158041E+22	2,400045E+22	2,517879E+22	2,517829E+22	2,399954E+22	2,157964E+22	1,821257E+22	1,480067E+22	1,261236E+22	1,261238E+22	1,480061E+22	1,821234E+22
-392	2,157930E+22	2,399919E+22	2,517810E+22	2,517851E+22	2,399993E+22	2,157982E+22	1,821276E+22	1,480101E+22	1,261274E+22	1,261264E+22	1,480076E+22	1,821258E+22
-391	2,158006E+22	2,400054E+22	2,517929E+22	2,517924E+22	2,400038E+22	2,157988E+22	1,821249E+22	1,480076E+22	1,261280E+22	1,261305E+22	1,480143E+22	1,821314E+22
-390	2,157986E+22	2,399956E+22	2,517787E+22	2,517771E+22	2,399949E+22	2,157989E+22	1,821303E+22	1,480143E+22	1,261334E+22	1,261332E+22	1,480132E+22	1,821271E+22
-389	2,157926E+22	2,399896E+22	2,517789E+22	2,517831E+22	2,400005E+22	2,158030E+22	1,821338E+22	1,480170E+22	1,261357E+22	1,261345E+22	1,480138E+22	1,821308E+22
-388	2,158039E+22	2,400036E+22	2,517868E+22	2,517845E+22	2,399975E+22	2,157982E+22	1,821301E+22	1,480161E+22	1,261372E+22	1,261378E+22	1,480169E+22	1,821292E+22
-387	2,157955E+22	2,399923E+22	2,517736E+22	2,517723E+22	2,399901E+22	2,157961E+22	1,821324E+22	1,480204E+22	1,261406E+22	1,261387E+22	1,480157E+22	1,821269E+22
-386	2,157929E+22	2,399939E+22	2,517843E+22	2,517857E+22	2,399990E+22	2,157983E+22	1,821296E+22	1,480169E+22	1,261391E+22	1,261391E+22	1,480181E+22	1,821328E+22
-385	2,158014E+22	2,399985E+22	2,517827E+22	2,517809E+22	2,399946E+22	2,157963E+22	1,821286E+22	1,480149E+22	1,261368E+22	1,261385E+22	1,480181E+22	1,821294E+22
-384	2,157930E+22	2,399869E+22	2,517721E+22	2,517773E+22	2,399959E+22	2,157986E+22	1,821306E+22	1,480153E+22	1,261344E+22	1,261335E+22	1,480133E+22	1,821289E+22
-383	2,158000E+22	2,400024E+22	2,517884E+22	2,517873E+22	2,400013E+22	2,157997E+22	1,821274E+22	1,480101E+22	1,261295E+22	1,261307E+22	1,480142E+22	1,821330E+22
-382	2,158025E+22	2,399996E+22	2,517818E+22	2,517774E+22	2,399922E+22	2,157964E+22	1,821287E+22	1,480120E+22	1,261296E+22	1,261285E+22	1,480087E+22	1,821245E+22
-381	2,157934E+22	2,399916E+22	2,517808E+22	2,517846E+22	2,399995E+22	2,158004E+22	1,821300E+22	1,480114E+22	1,261277E+22	1,261255E+22	1,480057E+22	1,821243E+22
-380	2,158010E+22	2,400062E+22	2,517927E+22	2,517920E+22	2,400034E+22	2,157988E+22	1,821249E+22	1,480062E+22	1,261246E+22	1,261260E+22	1,480090E+22	1,821257E+22
-379	2,157952E+22	2,399953E+22	2,517791E+22	2,517778E+22	2,399951E+22	2,157978E+22	1,821272E+22	1,480083E+22	1,261249E+22	1,261243E+22	1,480066E+22	1,821237E+22
-378	2,157923E+22	2,399925E+22	2,517840E+22	2,517879E+22	2,400028E+22	2,158016E+22	1,821277E+22	1,480075E+22	1,261243E+22	1,261238E+22	1,480070E+22	1,821286E+22
-377	2,158037E+22	2,400029E+22	2,517864E+22	2,517850E+22	2,399983E+22	2,157979E+22	1,821260E+22	1,480068E+22	1,261244E+22	1,261257E+22	1,480089E+22	1,821262E+22
-376	2,157960E+22	2,399925E+22	2,517748E+22	2,517766E+22	2,399943E+22	2,157970E+22	1,821279E+22	1,480104E+22	1,261271E+22	1,261256E+22	1,480065E+22	1,821239E+22
-375	2,157972E+22	2,400026E+22	2,517908E+22	2,517888E+22	2,400005E+22	2,157981E+22	1,821260E+22	1,480089E+22	1,261281E+22	1,261289E+22	1,480119E+22	1,821306E+22
-374	2,158009E+22	2,399999E+22	2,517847E+22	2,517808E+22	2,399928E+22	2,157941E+22	1,821262E+22	1,480119E+22	1,261327E+22	1,261335E+22	1,480136E+22	1,821268E+22
-373	2,157918E+22	2,399867E+22	2,517750E+22	2,517808E+22	2,399979E+22	2,157999E+22	1,821312E+22	1,480158E+22	1,261357E+22	1,261350E+22	1,480137E+22	1,821279E+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												
-372	2,157990E+22	2,400009E+22	2,517867E+22	2,517871E+22	2,400013E+22	2,158001E+22	1,821297E+22	1,480151E+22	1,261370E+22	1,261391E+22	1,480196E+22	1,821328E+22
-371	2,157982E+22	2,399940E+22	2,517744E+22	2,517710E+22	2,399886E+22	2,157960E+22	1,821325E+22	1,480207E+22	1,261420E+22	1,261413E+22	1,480183E+22	1,821288E+22
-370	2,157922E+22	2,399881E+22	2,517759E+22	2,517790E+22	2,399953E+22	2,157992E+22	1,821344E+22	1,480234E+22	1,261456E+22	1,261435E+22	1,480188E+22	1,821307E+22
-369	2,158003E+22	2,399996E+22	2,517833E+22	2,517813E+22	2,399939E+22	2,157957E+22	1,821311E+22	1,480217E+22	1,261463E+22	1,261475E+22	1,480240E+22	1,821314E+22
-368	2,157927E+22	2,399867E+22	2,517696E+22	2,517713E+22	2,399893E+22	2,157950E+22	1,821326E+22	1,480238E+22	1,261471E+22	1,261461E+22	1,480214E+22	1,821293E+22
-367	2,157922E+22	2,399912E+22	2,517808E+22	2,517829E+22	2,399975E+22	2,157989E+22	1,821321E+22	1,480209E+22	1,261443E+22	1,261451E+22	1,480239E+22	1,821365E+22
-366	2,158012E+22	2,399954E+22	2,517780E+22	2,517763E+22	2,399905E+22	2,157946E+22	1,821305E+22	1,480199E+22	1,261433E+22	1,261446E+22	1,480226E+22	1,821325E+22
-365	2,157945E+22	2,399860E+22	2,517683E+22	2,517726E+22	2,399929E+22	2,157991E+22	1,821338E+22	1,480207E+22	1,261410E+22	1,261391E+22	1,480159E+22	1,821283E+22
-364	2,157984E+22	2,400014E+22	2,517868E+22	2,517842E+22	2,399980E+22	2,157990E+22	1,821303E+22	1,480161E+22	1,261373E+22	1,261377E+22	1,480172E+22	1,821315E+22
-363	2,157994E+22	2,399977E+22	2,517804E+22	2,517755E+22	2,399881E+22	2,157928E+22	1,821285E+22	1,480160E+22	1,261366E+22	1,261358E+22	1,480136E+22	1,821255E+22
-362	2,157909E+22	2,399876E+22	2,517768E+22	2,517828E+22	2,399981E+22	2,157982E+22	1,821295E+22	1,480154E+22	1,261353E+22	1,261334E+22	1,480113E+22	1,821256E+22
-361	2,157977E+22	2,400002E+22	2,517861E+22	2,517873E+22	2,400010E+22	2,157987E+22	1,821270E+22	1,480108E+22	1,261317E+22	1,261338E+22	1,480157E+22	1,821295E+22
-360	2,157948E+22	2,399907E+22	2,517734E+22	2,517738E+22	2,399919E+22	2,157966E+22	1,821289E+22	1,480127E+22	1,261309E+22	1,261303E+22	1,480108E+22	1,821259E+22
-359	2,157933E+22	2,399925E+22	2,517813E+22	2,517832E+22	2,399981E+22	2,157998E+22	1,821301E+22	1,480130E+22	1,261311E+22	1,261303E+22	1,480118E+22	1,821302E+22
-358	2,158024E+22	2,400013E+22	2,517843E+22	2,517811E+22	2,399924E+22	2,157938E+22	1,821267E+22	1,480127E+22	1,261334E+22	1,261343E+22	1,480145E+22	1,821279E+22
-357	2,157946E+22	2,399901E+22	2,517721E+22	2,517743E+22	2,399924E+22	2,157963E+22	1,821295E+22	1,480155E+22	1,261356E+22	1,261344E+22	1,480121E+22	1,821242E+22
-356	2,157936E+22	2,399981E+22	2,517870E+22	2,517866E+22	2,400001E+22	2,157991E+22	1,821289E+22	1,480148E+22	1,261369E+22	1,261381E+22	1,480182E+22	1,821322E+22
-355	2,157990E+22	2,399961E+22	2,517799E+22	2,517770E+22	2,399897E+22	2,157932E+22	1,821284E+22	1,480173E+22	1,261405E+22	1,261418E+22	1,480201E+22	1,821304E+22
-354	2,157921E+22	2,399837E+22	2,517693E+22	2,517760E+22	2,399945E+22	2,157985E+22	1,821337E+22	1,480229E+22	1,261451E+22	1,261434E+22	1,480189E+22	1,821292E+22
-353	2,157971E+22	2,399973E+22	2,517812E+22	2,517812E+22	2,399969E+22	2,157992E+22	1,821333E+22	1,480228E+22	1,261470E+22	1,261484E+22	1,480257E+22	1,821347E+22
-352	2,157966E+22	2,399906E+22	2,517714E+22	2,517680E+22	2,399843E+22	2,157933E+22	1,821341E+22	1,480267E+22	1,261508E+22	1,261499E+22	1,480237E+22	1,821296E+22
-351	2,157902E+22	2,399857E+22	2,517735E+22	2,517763E+22	2,399920E+22	2,157970E+22	1,821357E+22	1,480288E+22	1,261536E+22	1,261524E+22	1,480262E+22	1,821333E+22
-350	2,157974E+22	2,399946E+22	2,517786E+22	2,517777E+22	2,399906E+22	2,157933E+22	1,821314E+22	1,480263E+22	1,261543E+22	1,261565E+22	1,480316E+22	1,821362E+22
-349	2,157933E+22	2,399834E+22	2,517638E+22	2,517658E+22	2,399868E+22	2,157956E+22	1,821347E+22	1,480277E+22	1,261532E+22	1,261527E+22	1,480263E+22	1,821315E+22
-348	2,157922E+22	2,399893E+22	2,517766E+22	2,517781E+22	2,399943E+22	2,157988E+22	1,821352E+22	1,480264E+22	1,261511E+22	1,261510E+22	1,480270E+22	1,821372E+22
-347	2,158018E+22	2,399958E+22	2,517763E+22	2,517726E+22	2,399854E+22	2,157911E+22	1,821310E+22	1,480243E+22	1,261496E+22	1,261501E+22	1,480254E+22	1,821327E+22
-346	2,157936E+22	2,399855E+22	2,517674E+22	2,517709E+22	2,399895E+22	2,157954E+22	1,821338E+22	1,480258E+22	1,261488E+22	1,261458E+22	1,480189E+22	1,821264E+22
-345	2,157932E+22	2,399967E+22	2,517839E+22	2,517830E+22	2,399970E+22	2,157983E+22	1,821317E+22	1,480210E+22	1,261448E+22	1,261456E+22	1,480228E+22	1,821324E+22
-344	2,157951E+22	2,399914E+22	2,517764E+22	2,517746E+22	2,399880E+22	2,157928E+22	1,821297E+22	1,480195E+22	1,261424E+22	1,261423E+22	1,480187E+22	1,821274E+22
-343	2,157892E+22	2,399839E+22	2,517719E+22	2,517786E+22	2,399962E+22	2,157988E+22	1,821325E+22	1,480200E+22	1,261410E+22	1,261399E+22	1,480174E+22	1,821291E+22
-342	2,157968E+22	2,399960E+22	2,517799E+22	2,517813E+22	2,399963E+22	2,157967E+22	1,821290E+22	1,480166E+22	1,261394E+22	1,261412E+22	1,480212E+22	1,821332E+22
-341	2,157964E+22	2,399895E+22	2,517686E+22	2,517674E+22	2,399878E+22	2,157959E+22	1,821313E+22	1,480182E+22	1,261388E+22	1,261376E+22	1,480150E+22	1,821265E+22
-340	2,157920E+22	2,399916E+22	2,517798E+22	2,517799E+22	2,399939E+22	2,157975E+22	1,821321E+22	1,480193E+22	1,261401E+22	1,261389E+22	1,480167E+22	1,821307E+22
-339	2,158006E+22	2,399994E+22	2,517827E+22	2,517793E+22	2,399886E+22	2,157896E+22	1,821261E+22	1,480171E+22	1,261414E+22	1,261431E+22	1,480211E+22	1,821306E+22
-338	2,157932E+22	2,399867E+22	2,517685E+22	2,517723E+22	2,399910E+22	2,157946E+22	1,821299E+22	1,480206E+22	1,261442E+22	1,261432E+22	1,480184E+22	1,821263E+22
-337	2,157910E+22	2,399927E+22	2,517808E+22	2,517820E+22	2,399981E+22	2,158000E+22	1,821325E+22	1,480210E+22	1,261452E+22	1,261467E+22	1,480248E+22	1,821355E+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	2,157981E+22	2,399919E+22	2,517749E+22	2,517730E+22	2,399867E+22	2,157927E+22	1,821315E+22	1,480236E+22	1,261484E+22	1,261490E+22	1,480246E+22	1,821319E+22
-335	2,157920E+22	2,399832E+22	2,517664E+22	2,517710E+22	2,399901E+22	2,157972E+22	1,821369E+22	1,480299E+22	1,261539E+22	1,261517E+22	1,480245E+22	1,821303E+22
-334	2,157942E+22	2,399934E+22	2,517775E+22	2,517767E+22	2,399914E+22	2,157954E+22	1,821345E+22	1,480297E+22	1,261574E+22	1,261583E+22	1,480322E+22	1,821367E+22
-333	2,157946E+22	2,399866E+22	2,517669E+22	2,517643E+22	2,399823E+22	2,157926E+22	1,821355E+22	1,480321E+22	1,261597E+22	1,261592E+22	1,480301E+22	1,821311E+22
-332	2,157873E+22	2,399815E+22	2,517695E+22	2,517729E+22	2,399898E+22	2,157965E+22	1,821378E+22	1,480342E+22	1,261617E+22	1,261609E+22	1,480322E+22	1,821360E+22
-331	2,157969E+22	2,399914E+22	2,517740E+22	2,517729E+22	2,399863E+22	2,157909E+22	1,821323E+22	1,480304E+22	1,261608E+22	1,261633E+22	1,480370E+22	1,821397E+22
-330	2,157947E+22	2,399822E+22	2,517602E+22	2,517619E+22	2,399837E+22	2,157934E+22	1,821359E+22	1,480330E+22	1,261605E+22	1,261589E+22	1,480296E+22	1,821320E+22
-329	2,157908E+22	2,399874E+22	2,517736E+22	2,517740E+22	2,399911E+22	2,157979E+22	1,821375E+22	1,480320E+22	1,261585E+22	1,261579E+22	1,480309E+22	1,821375E+22
-328	2,157992E+22	2,399930E+22	2,517754E+22	2,517720E+22	2,399833E+22	2,157891E+22	1,821319E+22	1,480287E+22	1,261562E+22	1,261564E+22	1,480288E+22	1,821322E+22
-327	2,157906E+22	2,399828E+22	2,517657E+22	2,517699E+22	2,399886E+22	2,157944E+22	1,821348E+22	1,480298E+22	1,261551E+22	1,261532E+22	1,480250E+22	1,821281E+22
-326	2,157889E+22	2,399896E+22	2,517779E+22	2,517791E+22	2,399950E+22	2,157974E+22	1,821329E+22	1,480254E+22	1,261520E+22	1,261534E+22	1,480293E+22	1,821364E+22
-325	2,157950E+22	2,399870E+22	2,517692E+22	2,517680E+22	2,399857E+22	2,157941E+22	1,821325E+22	1,480240E+22	1,261487E+22	1,261488E+22	1,480235E+22	1,821299E+22
-324	2,157894E+22	2,399819E+22	2,517673E+22	2,517722E+22	2,399914E+22	2,157977E+22	1,821355E+22	1,480260E+22	1,261484E+22	1,261464E+22	1,480210E+22	1,821308E+22
-323	2,157980E+22	2,399961E+22	2,517777E+22	2,517759E+22	2,399896E+22	2,157921E+22	1,821290E+22	1,480213E+22	1,261468E+22	1,261482E+22	1,480254E+22	1,821349E+22
-322	2,157966E+22	2,399895E+22	2,517680E+22	2,517654E+22	2,399838E+22	2,157914E+22	1,821306E+22	1,480233E+22	1,261472E+22	1,261455E+22	1,480194E+22	1,821262E+22
-321	2,157883E+22	2,399877E+22	2,517773E+22	2,517786E+22	2,399931E+22	2,157966E+22	1,821331E+22	1,480242E+22	1,261482E+22	1,261477E+22	1,480231E+22	1,821327E+22
-320	2,157975E+22	2,399943E+22	2,517797E+22	2,517785E+22	2,399886E+22	2,157899E+22	1,821278E+22	1,480214E+22	1,261483E+22	1,261504E+22	1,480264E+22	1,821329E+22
-319	2,157921E+22	2,399834E+22	2,517644E+22	2,517686E+22	2,399894E+22	2,157955E+22	1,821339E+22	1,480267E+22	1,261517E+22	1,261511E+22	1,480247E+22	1,821290E+22
-318	2,157890E+22	2,399876E+22	2,517747E+22	2,517762E+22	2,399941E+22	2,157991E+22	1,821361E+22	1,480289E+22	1,261552E+22	1,261558E+22	1,480307E+22	1,821381E+22
-317	2,157980E+22	2,399896E+22	2,517697E+22	2,517660E+22	2,399825E+22	2,157924E+22	1,821349E+22	1,480309E+22	1,261584E+22	1,261583E+22	1,480297E+22	1,821320E+22
-316	2,157891E+22	2,399803E+22	2,517636E+22	2,517664E+22	2,399852E+22	2,157946E+22	1,821393E+22	1,480374E+22	1,261645E+22	1,261619E+22	1,480306E+22	1,821317E+22
-315	2,157921E+22	2,399893E+22	2,517738E+22	2,517731E+22	2,399870E+22	2,157909E+22	1,821335E+22	1,480343E+22	1,261663E+22	1,261682E+22	1,480399E+22	1,821406E+22
-314	2,157941E+22	2,399828E+22	2,517622E+22	2,517606E+22	2,399793E+22	2,157897E+22	1,821352E+22	1,480366E+22	1,261677E+22	1,261677E+22	1,480365E+22	1,821342E+22
-313	2,157863E+22	2,399772E+22	2,517641E+22	2,517681E+22	2,399871E+22	2,157961E+22	1,821400E+22	1,480390E+22	1,261686E+22	1,261682E+22	1,480380E+22	1,821393E+22
-312	2,157971E+22	2,399893E+22	2,517715E+22	2,517698E+22	2,399833E+22	2,157895E+22	1,821340E+22	1,480349E+22	1,261667E+22	1,261686E+22	1,480398E+22	1,821403E+22
-311	2,157945E+22	2,399827E+22	2,517600E+22	2,517593E+22	2,399807E+22	2,157923E+22	1,821380E+22	1,480379E+22	1,261670E+22	1,261653E+22	1,480335E+22	1,821316E+22
-310	2,157870E+22	2,399832E+22	2,517712E+22	2,517719E+22	2,399885E+22	2,157960E+22	1,821388E+22	1,480374E+22	1,261666E+22	1,261656E+22	1,480354E+22	1,821379E+22
-309	2,157964E+22	2,399884E+22	2,517707E+22	2,517690E+22	2,399836E+22	2,157906E+22	1,821338E+22	1,480331E+22	1,261633E+22	1,261637E+22	1,480336E+22	1,821327E+22
-308	2,157872E+22	2,399778E+22	2,517611E+22	2,517658E+22	2,399870E+22	2,157953E+22	1,821379E+22	1,480351E+22	1,261623E+22	1,261603E+22	1,480299E+22	1,821309E+22
-307	2,157890E+22	2,399854E+22	2,517720E+22	2,517732E+22	2,399903E+22	2,157950E+22	1,821340E+22	1,480298E+22	1,261584E+22	1,261599E+22	1,480345E+22	1,821402E+22
-306	2,157970E+22	2,399858E+22	2,517652E+22	2,517626E+22	2,399808E+22	2,157908E+22	1,821335E+22	1,480296E+22	1,261561E+22	1,261554E+22	1,480275E+22	1,821311E+22
-305	2,157890E+22	2,399807E+22	2,517651E+22	2,517678E+22	2,399867E+22	2,157952E+22	1,821368E+22	1,480312E+22	1,261562E+22	1,261541E+22	1,480260E+22	1,821320E+22
-304	2,157961E+22	2,399942E+22	2,517779E+22	2,517752E+22	2,399866E+22	2,157888E+22	1,821289E+22	1,480253E+22	1,261537E+22	1,261553E+22	1,480299E+22	1,821354E+22
-303	2,157947E+22	2,399876E+22	2,517676E+22	2,517651E+22	2,399835E+22	2,157905E+22	1,821312E+22	1,480270E+22	1,261540E+22	1,261538E+22	1,480261E+22	1,821283E+22
-302	2,157851E+22	2,399813E+22	2,517717E+22	2,517750E+22	2,399917E+22	2,157967E+22	1,821351E+22	1,480294E+22	1,261562E+22	1,261561E+22	1,480293E+22	1,821360E+22
-301	2,157972E+22	2,399899E+22	2,517726E+22	2,517724E+22	2,399874E+22	2,157922E+22	1,821318E+22	1,480277E+22	1,261562E+22	1,261579E+22	1,480312E+22	1,821343E+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	2,157911E+22	2,399808E+22	2,517604E+22	2,517626E+22	2,399848E+22	2,157948E+22	1,821380E+22	1,480348E+22	1,261615E+22	1,261593E+22	1,480290E+22	1,821302E+22
-299	2,157883E+22	2,399845E+22	2,517705E+22	2,517702E+22	2,399874E+22	2,157947E+22	1,821371E+22	1,480355E+22	1,261652E+22	1,261653E+22	1,480365E+22	1,821395E+22
-298	2,157965E+22	2,399869E+22	2,517670E+22	2,517626E+22	2,399780E+22	2,157881E+22	1,821352E+22	1,480374E+22	1,261686E+22	1,261685E+22	1,480362E+22	1,821329E+22
-297	2,157855E+22	2,399751E+22	2,517593E+22	2,517630E+22	2,399828E+22	2,157931E+22	1,821401E+22	1,480424E+22	1,261734E+22	1,261719E+22	1,480384E+22	1,821351E+22
-296	2,157901E+22	2,399845E+22	2,517701E+22	2,517702E+22	2,399847E+22	2,157900E+22	1,821346E+22	1,480383E+22	1,261729E+22	1,261755E+22	1,480457E+22	1,821439E+22
-295	2,157949E+22	2,399811E+22	2,517592E+22	2,517572E+22	2,399772E+22	2,157895E+22	1,821375E+22	1,480411E+22	1,261741E+22	1,261747E+22	1,480421E+22	1,821367E+22
-294	2,157857E+22	2,399739E+22	2,517595E+22	2,517633E+22	2,399837E+22	2,157952E+22	1,821425E+22	1,480452E+22	1,261767E+22	1,261753E+22	1,480421E+22	1,821408E+22
-293	2,157972E+22	2,399881E+22	2,517681E+22	2,517653E+22	2,399811E+22	2,157902E+22	1,821369E+22	1,480409E+22	1,261746E+22	1,261756E+22	1,480432E+22	1,821391E+22
-292	2,157911E+22	2,399799E+22	2,517589E+22	2,517572E+22	2,399779E+22	2,157911E+22	1,821405E+22	1,480443E+22	1,261756E+22	1,261732E+22	1,480379E+22	1,821321E+22
-291	2,157842E+22	2,399777E+22	2,517666E+22	2,517687E+22	2,399856E+22	2,157936E+22	1,821388E+22	1,480415E+22	1,261740E+22	1,261738E+22	1,480416E+22	1,821407E+22
-290	2,157954E+22	2,399840E+22	2,517654E+22	2,517644E+22	2,399805E+22	2,157889E+22	1,821348E+22	1,480376E+22	1,261701E+22	1,261709E+22	1,480390E+22	1,821352E+22
-289	2,157865E+22	2,399738E+22	2,517554E+22	2,517598E+22	2,399829E+22	2,157944E+22	1,821400E+22	1,480399E+22	1,261687E+22	1,261669E+22	1,480351E+22	1,821339E+22
-288	2,157897E+22	2,399844E+22	2,517699E+22	2,517689E+22	2,399853E+22	2,157921E+22	1,821347E+22	1,480339E+22	1,261643E+22	1,261652E+22	1,480375E+22	1,821411E+22
-287	2,157978E+22	2,399868E+22	2,517656E+22	2,517604E+22	2,399770E+22	2,157879E+22	1,821338E+22	1,480333E+22	1,261626E+22	1,261624E+22	1,480319E+22	1,821311E+22
-286	2,157860E+22	2,399771E+22	2,517635E+22	2,517669E+22	2,399847E+22	2,157930E+22	1,821370E+22	1,480357E+22	1,261639E+22	1,261621E+22	1,480313E+22	1,821331E+22
-285	2,157940E+22	2,399903E+22	2,517739E+22	2,517730E+22	2,399876E+22	2,157906E+22	1,821306E+22	1,480295E+22	1,261607E+22	1,261628E+22	1,480349E+22	1,821360E+22
-284	2,157914E+22	2,399828E+22	2,517637E+22	2,517619E+22	2,399822E+22	2,157921E+22	1,821351E+22	1,480332E+22	1,261620E+22	1,261614E+22	1,480311E+22	1,821308E+22
-283	2,157846E+22	2,399761E+22	2,517652E+22	2,517693E+22	2,399878E+22	2,157956E+22	1,821377E+22	1,480356E+22	1,261647E+22	1,261643E+22	1,480349E+22	1,821385E+22
-282	2,157977E+22	2,399874E+22	2,517676E+22	2,517662E+22	2,399821E+22	2,157899E+22	1,821345E+22	1,480353E+22	1,261661E+22	1,261668E+22	1,480363E+22	1,821350E+22
-281	2,157891E+22	2,399776E+22	2,517566E+22	2,517571E+22	2,399792E+22	2,157924E+22	1,821404E+22	1,480420E+22	1,261718E+22	1,261696E+22	1,480359E+22	1,821320E+22
-280	2,157858E+22	2,399809E+22	2,517685E+22	2,517675E+22	2,399828E+22	2,157908E+22	1,821370E+22	1,480407E+22	1,261740E+22	1,261747E+22	1,480432E+22	1,821417E+22
-279	2,157951E+22	2,399837E+22	2,517642E+22	2,517604E+22	2,399759E+22	2,157863E+22	1,821352E+22	1,480411E+22	1,261765E+22	1,261783E+22	1,480445E+22	1,821365E+22
-278	2,157838E+22	2,399695E+22	2,517533E+22	2,517584E+22	2,399801E+22	2,157924E+22	1,821416E+22	1,480472E+22	1,261811E+22	1,261804E+22	1,480453E+22	1,821393E+22
-277	2,157916E+22	2,399821E+22	2,517641E+22	2,517643E+22	2,399827E+22	2,157913E+22	1,821379E+22	1,480438E+22	1,261800E+22	1,261822E+22	1,480497E+22	1,821449E+22
-276	2,157946E+22	2,399804E+22	2,517576E+22	2,517533E+22	2,399734E+22	2,157890E+22	1,821411E+22	1,480482E+22	1,261826E+22	1,261814E+22	1,480450E+22	1,821370E+22
-275	2,157850E+22	2,399717E+22	2,517570E+22	2,517599E+22	2,399791E+22	2,157920E+22	1,821435E+22	1,480509E+22	1,261852E+22	1,261833E+22	1,480463E+22	1,821404E+22
-274	2,157946E+22	2,399851E+22	2,517659E+22	2,517636E+22	2,399785E+22	2,157878E+22	1,821381E+22	1,480467E+22	1,261830E+22	1,261838E+22	1,480482E+22	1,821389E+22
-273	2,157866E+22	2,399741E+22	2,517545E+22	2,517545E+22	2,399763E+22	2,157911E+22	1,821423E+22	1,480491E+22	1,261831E+22	1,261816E+22	1,480445E+22	1,821347E+22
-272	2,157817E+22	2,399723E+22	2,517619E+22	2,517649E+22	2,399827E+22	2,157927E+22	1,821403E+22	1,480453E+22	1,261797E+22	1,261800E+22	1,480467E+22	1,821435E+22
-271	2,157960E+22	2,399821E+22	2,517618E+22	2,517605E+22	2,399774E+22	2,157879E+22	1,821364E+22	1,480413E+22	1,261759E+22	1,261776E+22	1,480444E+22	1,821376E+22
-270	2,157865E+22	2,399715E+22	2,517511E+22	2,517545E+22	2,399781E+22	2,157921E+22	1,821411E+22	1,480446E+22	1,261758E+22	1,261737E+22	1,480394E+22	1,821355E+22
-269	2,157903E+22	2,399839E+22	2,517671E+22	2,517650E+22	2,399825E+22	2,157911E+22	1,821359E+22	1,480385E+22	1,261712E+22	1,261719E+22	1,480411E+22	1,821405E+22
-268	2,157951E+22	2,399850E+22	2,517657E+22	2,517602E+22	2,399751E+22	2,157863E+22	1,821349E+22	1,480383E+22	1,261701E+22	1,261696E+22	1,480365E+22	1,821325E+22
-267	2,157840E+22	2,399718E+22	2,517588E+22	2,517642E+22	2,399827E+22	2,157913E+22	1,821371E+22	1,480394E+22	1,261709E+22	1,261700E+22	1,480373E+22	1,821356E+22
-266	2,157930E+22	2,399861E+22	2,517686E+22	2,517687E+22	2,399849E+22	2,157906E+22	1,821335E+22	1,480350E+22	1,261679E+22	1,261701E+22	1,480402E+22	1,821379E+22
-265	2,157901E+22	2,399787E+22	2,517580E+22	2,517561E+22	2,399781E+22	2,157920E+22	1,821388E+22	1,480398E+22	1,261703E+22	1,261693E+22	1,480367E+22	1,821329E+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	2,157838E+22	2,399738E+22	2,517617E+22	2,517639E+22	2,399821E+22	2,157930E+22	1,821397E+22	1,480418E+22	1,261731E+22	1,261719E+22	1,480393E+22	1,821391E+22
-263	2,157967E+22	2,399863E+22	2,517663E+22	2,517632E+22	2,399777E+22	2,157868E+22	1,821353E+22	1,480406E+22	1,261752E+22	1,261766E+22	1,480429E+22	1,821358E+22
-262	2,157857E+22	2,399726E+22	2,517525E+22	2,517541E+22	2,399758E+22	2,157897E+22	1,821409E+22	1,480476E+22	1,261813E+22	1,261798E+22	1,480433E+22	1,821347E+22
-261	2,157845E+22	2,399768E+22	2,517628E+22	2,517635E+22	2,399819E+22	2,157914E+22	1,821389E+22	1,480457E+22	1,261821E+22	1,261835E+22	1,480496E+22	1,821440E+22
-260	2,157935E+22	2,399801E+22	2,517607E+22	2,517571E+22	2,399734E+22	2,157865E+22	1,821386E+22	1,480475E+22	1,261847E+22	1,261860E+22	1,480501E+22	1,821401E+22
-259	2,157847E+22	2,399661E+22	2,517479E+22	2,517533E+22	2,399760E+22	2,157907E+22	1,821437E+22	1,480531E+22	1,261894E+22	1,261883E+22	1,480505E+22	1,821415E+22
-258	2,157922E+22	2,399814E+22	2,517612E+22	2,517596E+22	2,399779E+22	2,157896E+22	1,821410E+22	1,480510E+22	1,261890E+22	1,261901E+22	1,480538E+22	1,821445E+22
-257	2,157917E+22	2,399775E+22	2,517554E+22	2,517504E+22	2,399696E+22	2,157875E+22	1,821438E+22	1,480550E+22	1,261919E+22	1,261906E+22	1,480507E+22	1,821373E+22
-256	2,157813E+22	2,399676E+22	2,517549E+22	2,517585E+22	2,399765E+22	2,157895E+22	1,821438E+22	1,480555E+22	1,261930E+22	1,261915E+22	1,480521E+22	1,821417E+22
-255	2,157918E+22	2,399808E+22	2,517620E+22	2,517613E+22	2,399772E+22	2,157870E+22	1,821384E+22	1,480497E+22	1,261897E+22	1,261923E+22	1,480552E+22	1,821418E+22
-254	2,157845E+22	2,399680E+22	2,517474E+22	2,517492E+22	2,399732E+22	2,157905E+22	1,821442E+22	1,480534E+22	1,261895E+22	1,261886E+22	1,480506E+22	1,821388E+22
-253	2,157835E+22	2,399704E+22	2,517555E+22	2,517584E+22	2,399791E+22	2,157924E+22	1,821425E+22	1,480499E+22	1,261855E+22	1,261853E+22	1,480501E+22	1,821445E+22
-252	2,157959E+22	2,399820E+22	2,517603E+22	2,517566E+22	2,399726E+22	2,157858E+22	1,821384E+22	1,480468E+22	1,261828E+22	1,261831E+22	1,480472E+22	1,821386E+22
-251	2,157863E+22	2,399700E+22	2,517491E+22	2,517520E+22	2,399740E+22	2,157884E+22	1,821406E+22	1,480484E+22	1,261826E+22	1,261807E+22	1,480436E+22	1,821359E+22
-250	2,157886E+22	2,399820E+22	2,517655E+22	2,517638E+22	2,399802E+22	2,157891E+22	1,821367E+22	1,480429E+22	1,261780E+22	1,261790E+22	1,480456E+22	1,821406E+22
-249	2,157913E+22	2,399801E+22	2,517619E+22	2,517585E+22	2,399743E+22	2,157871E+22	1,821373E+22	1,480429E+22	1,261770E+22	1,261771E+22	1,480423E+22	1,821346E+22
-248	2,157818E+22	2,399676E+22	2,517545E+22	2,517608E+22	2,399802E+22	2,157910E+22	1,821395E+22	1,480442E+22	1,261773E+22	1,261763E+22	1,480419E+22	1,821375E+22
-247	2,157924E+22	2,399836E+22	2,517645E+22	2,517647E+22	2,399820E+22	2,157900E+22	1,821360E+22	1,480404E+22	1,261756E+22	1,261781E+22	1,480455E+22	1,821393E+22
-246	2,157886E+22	2,399751E+22	2,517528E+22	2,517505E+22	2,399731E+22	2,157902E+22	1,821415E+22	1,480468E+22	1,261798E+22	1,261784E+22	1,480426E+22	1,821347E+22
-245	2,157831E+22	2,399717E+22	2,517571E+22	2,517590E+22	2,399781E+22	2,157912E+22	1,821417E+22	1,480483E+22	1,261826E+22	1,261813E+22	1,480452E+22	1,821397E+22
-244	2,157933E+22	2,399830E+22	2,517641E+22	2,517613E+22	2,399748E+22	2,157847E+22	1,821367E+22	1,480469E+22	1,261848E+22	1,261862E+22	1,480500E+22	1,821394E+22
-243	2,157846E+22	2,399674E+22	2,517466E+22	2,517499E+22	2,399726E+22	2,157873E+22	1,821408E+22	1,480519E+22	1,261896E+22	1,261893E+22	1,480510E+22	1,821389E+22
-242	2,157851E+22	2,399740E+22	2,517577E+22	2,517585E+22	2,399777E+22	2,157902E+22	1,821417E+22	1,480517E+22	1,261900E+22	1,261915E+22	1,480555E+22	1,821466E+22
-241	2,157932E+22	2,399777E+22	2,517566E+22	2,517527E+22	2,399696E+22	2,157857E+22	1,821419E+22	1,480543E+22	1,261933E+22	1,261940E+22	1,480553E+22	1,821417E+22
-240	2,157838E+22	2,399651E+22	2,517461E+22	2,517496E+22	2,399713E+22	2,157882E+22	1,821455E+22	1,480592E+22	1,261977E+22	1,261958E+22	1,480545E+22	1,821412E+22
-239	2,157897E+22	2,399797E+22	2,517606E+22	2,517586E+22	2,399756E+22	2,157878E+22	1,821420E+22	1,480560E+22	1,261976E+22	1,261994E+22	1,480595E+22	1,821444E+22
-238	2,157871E+22	2,399717E+22	2,517507E+22	2,517480E+22	2,399679E+22	2,157864E+22	1,821452E+22	1,480602E+22	1,262004E+22	1,261996E+22	1,480573E+22	1,821395E+22
-237	2,157790E+22	2,399623E+22	2,517474E+22	2,517537E+22	2,399757E+22	2,157906E+22	1,821463E+22	1,480602E+22	1,261999E+22	1,261988E+22	1,480576E+22	1,821437E+22
-236	2,157899E+22	2,399766E+22	2,517571E+22	2,517572E+22	2,399745E+22	2,157869E+22	1,821415E+22	1,480553E+22	1,261964E+22	1,261983E+22	1,480600E+22	1,821457E+22
-235	2,157859E+22	2,399650E+22	2,517413E+22	2,517429E+22	2,399680E+22	2,157875E+22	1,821449E+22	1,480579E+22	1,261962E+22	1,261950E+22	1,480549E+22	1,821412E+22
-234	2,157849E+22	2,399710E+22	2,517534E+22	2,517534E+22	2,399730E+22	2,157892E+22	1,821443E+22	1,480552E+22	1,261924E+22	1,261917E+22	1,480537E+22	1,821446E+22
-233	2,157939E+22	2,399807E+22	2,517597E+22	2,517551E+22	2,399690E+22	2,157831E+22	1,821393E+22	1,480516E+22	1,261901E+22	1,261905E+22	1,480520E+22	1,821389E+22
-232	2,157832E+22	2,399676E+22	2,517482E+22	2,517514E+22	2,399722E+22	2,157859E+22	1,821401E+22	1,480515E+22	1,261886E+22	1,261873E+22	1,480484E+22	1,821370E+22
-231	2,157862E+22	2,399785E+22	2,517626E+22	2,517626E+22	2,399801E+22	2,157893E+22	1,821375E+22	1,480457E+22	1,261840E+22	1,261864E+22	1,480512E+22	1,821424E+22
-230	2,157890E+22	2,399747E+22	2,517554E+22	2,517538E+22	2,399721E+22	2,157875E+22	1,821404E+22	1,480482E+22	1,261840E+22	1,261840E+22	1,480475E+22	1,821374E+22
-229	2,157824E+22	2,399652E+22	2,517478E+22	2,517547E+22	2,399772E+22	2,157911E+22	1,821431E+22	1,480508E+22	1,261852E+22	1,261831E+22	1,480457E+22	1,821379E+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	2,157903E+22	2,399818E+22	2,517622E+22	2,517610E+22	2,399775E+22	2,157880E+22	1,821389E+22	1,480479E+22	1,261850E+22	1,261859E+22	1,480501E+22	1,821408E+22
-227	2,157869E+22	2,399715E+22	2,517490E+22	2,517469E+22	2,399683E+22	2,157859E+22	1,821415E+22	1,480524E+22	1,261893E+22	1,261884E+22	1,480494E+22	1,821367E+22
-226	2,157813E+22	2,399688E+22	2,517538E+22	2,517556E+22	2,399741E+22	2,157886E+22	1,821431E+22	1,480540E+22	1,261914E+22	1,261909E+22	1,480525E+22	1,821420E+22
-225	2,157904E+22	2,399780E+22	2,517593E+22	2,517578E+22	2,399725E+22	2,157844E+22	1,821391E+22	1,480524E+22	1,261933E+22	1,261955E+22	1,480575E+22	1,821431E+22
-224	2,157839E+22	2,399647E+22	2,517428E+22	2,517459E+22	2,399694E+22	2,157861E+22	1,821428E+22	1,480571E+22	1,261970E+22	1,261968E+22	1,480565E+22	1,821418E+22
-223	2,157858E+22	2,399729E+22	2,517545E+22	2,517548E+22	2,399748E+22	2,157892E+22	1,821435E+22	1,480571E+22	1,261984E+22	1,261998E+22	1,480605E+22	1,821476E+22
-222	2,157914E+22	2,399746E+22	2,517525E+22	2,517485E+22	2,399659E+22	2,157845E+22	1,821450E+22	1,480614E+22	1,262028E+22	1,262028E+22	1,480606E+22	1,821427E+22
-221	2,157820E+22	2,399624E+22	2,517422E+22	2,517466E+22	2,399691E+22	2,157870E+22	1,821478E+22	1,480657E+22	1,262067E+22	1,262045E+22	1,480597E+22	1,821411E+22
-220	2,157848E+22	2,399744E+22	2,517572E+22	2,517568E+22	2,399740E+22	2,157868E+22	1,821440E+22	1,480621E+22	1,262063E+22	1,262076E+22	1,480658E+22	1,821476E+22
-219	2,157852E+22	2,399652E+22	2,517432E+22	2,517426E+22	2,399647E+22	2,157849E+22	1,821460E+22	1,480645E+22	1,262077E+22	1,262079E+22	1,480642E+22	1,821436E+22
-218	2,157799E+22	2,399598E+22	2,517416E+22	2,517465E+22	2,399698E+22	2,157888E+22	1,821490E+22	1,480655E+22	1,262064E+22	1,262053E+22	1,480625E+22	1,821462E+22
-217	2,157900E+22	2,399750E+22	2,517532E+22	2,517517E+22	2,399695E+22	2,157848E+22	1,821435E+22	1,480608E+22	1,262035E+22	1,262047E+22	1,480639E+22	1,821470E+22
-216	2,157858E+22	2,399659E+22	2,517413E+22	2,517398E+22	2,399630E+22	2,157834E+22	1,821445E+22	1,480616E+22	1,262023E+22	1,262007E+22	1,480579E+22	1,821410E+22
-215	2,157833E+22	2,399706E+22	2,517542E+22	2,517538E+22	2,399715E+22	2,157865E+22	1,821433E+22	1,480580E+22	1,261989E+22	1,261989E+22	1,480579E+22	1,821443E+22
-214	2,157899E+22	2,399758E+22	2,517565E+22	2,517544E+22	2,399692E+22	2,157830E+22	1,821405E+22	1,480556E+22	1,261966E+22	1,261975E+22	1,480572E+22	1,821407E+22
-213	2,157812E+22	2,399631E+22	2,517426E+22	2,517485E+22	2,399727E+22	2,157877E+22	1,821431E+22	1,480562E+22	1,261948E+22	1,261934E+22	1,480527E+22	1,821382E+22
-212	2,157833E+22	2,399739E+22	2,517583E+22	2,517595E+22	2,399787E+22	2,157904E+22	1,821417E+22	1,480523E+22	1,261913E+22	1,261923E+22	1,480554E+22	1,821452E+22
-211	2,157889E+22	2,399709E+22	2,517490E+22	2,517473E+22	2,399677E+22	2,157857E+22	1,821424E+22	1,480544E+22	1,261925E+22	1,261921E+22	1,480527E+22	1,821394E+22
-210	2,157824E+22	2,399643E+22	2,517444E+22	2,517481E+22	2,399704E+22	2,157882E+22	1,821459E+22	1,480578E+22	1,261944E+22	1,261920E+22	1,480512E+22	1,821388E+22
-209	2,157877E+22	2,399784E+22	2,517595E+22	2,517579E+22	2,399733E+22	2,157848E+22	1,821401E+22	1,480541E+22	1,261947E+22	1,261959E+22	1,480573E+22	1,821431E+22
-208	2,157847E+22	2,399683E+22	2,517460E+22	2,517439E+22	2,399650E+22	2,157824E+22	1,821406E+22	1,480562E+22	1,261971E+22	1,261973E+22	1,480566E+22	1,821402E+22
-207	2,157805E+22	2,399656E+22	2,517503E+22	2,517528E+22	2,399723E+22	2,157874E+22	1,821431E+22	1,480574E+22	1,261988E+22	1,261998E+22	1,480594E+22	1,821455E+22
-206	2,157900E+22	2,399741E+22	2,517536E+22	2,517527E+22	2,399693E+22	2,157839E+22	1,821419E+22	1,480582E+22	1,262010E+22	1,262032E+22	1,480630E+22	1,821460E+22
-205	2,157848E+22	2,399633E+22	2,517379E+22	2,517407E+22	2,399664E+22	2,157856E+22	1,821462E+22	1,480639E+22	1,262055E+22	1,262040E+22	1,480600E+22	1,821415E+22
-204	2,157830E+22	2,399708E+22	2,517533E+22	2,517526E+22	2,399720E+22	2,157881E+22	1,821468E+22	1,480647E+22	1,262079E+22	1,262077E+22	1,480647E+22	1,821481E+22
-203	2,157885E+22	2,399699E+22	2,517481E+22	2,517451E+22	2,399629E+22	2,157819E+22	1,821459E+22	1,480675E+22	1,262125E+22	1,262127E+22	1,480670E+22	1,821439E+22
-202	2,157792E+22	2,399582E+22	2,517375E+22	2,517418E+22	2,399656E+22	2,157862E+22	1,821505E+22	1,480718E+22	1,262154E+22	1,262136E+22	1,480664E+22	1,821433E+22
-201	2,157815E+22	2,399682E+22	2,517514E+22	2,517522E+22	2,399711E+22	2,157865E+22	1,821468E+22	1,480679E+22	1,262143E+22	1,262161E+22	1,480723E+22	1,821508E+22
-200	2,157848E+22	2,399624E+22	2,517388E+22	2,517371E+22	2,399600E+22	2,157823E+22	1,821470E+22	1,480690E+22	1,262144E+22	1,262145E+22	1,480691E+22	1,821465E+22
-199	2,157810E+22	2,399595E+22	2,517394E+22	2,517425E+22	2,399658E+22	2,157861E+22	1,821490E+22	1,480694E+22	1,262135E+22	1,262125E+22	1,480666E+22	1,821471E+22
-198	2,157890E+22	2,399733E+22	2,517510E+22	2,517482E+22	2,399657E+22	2,157826E+22	1,821448E+22	1,480657E+22	1,262109E+22	1,262119E+22	1,480683E+22	1,821478E+22
-197	2,157845E+22	2,399640E+22	2,517396E+22	2,517390E+22	2,399623E+22	2,157820E+22	1,821452E+22	1,480659E+22	1,262091E+22	1,262074E+22	1,480619E+22	1,821408E+22
-196	2,157793E+22	2,399662E+22	2,517523E+22	2,517539E+22	2,399723E+22	2,157869E+22	1,821447E+22	1,480624E+22	1,262053E+22	1,262050E+22	1,480626E+22	1,821470E+22
-195	2,157881E+22	2,399698E+22	2,517499E+22	2,517501E+22	2,399680E+22	2,157831E+22	1,821422E+22	1,480597E+22	1,262030E+22	1,262045E+22	1,480626E+22	1,821438E+22
-194	2,157817E+22	2,399607E+22	2,517374E+22	2,517415E+22	2,399676E+22	2,157874E+22	1,821472E+22	1,480623E+22	1,262017E+22	1,261999E+22	1,480571E+22	1,821399E+22
-193	2,157821E+22	2,399705E+22	2,517537E+22	2,517537E+22	2,399738E+22	2,157889E+22	1,821447E+22	1,480591E+22	1,262000E+22	1,262001E+22	1,480599E+22	1,821459E+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	2,157876E+22	2,399701E+22	2,517475E+22	2,517430E+22	2,399623E+22	2,157816E+22	1,821425E+22	1,480594E+22	1,262008E+22	1,262003E+22	1,480578E+22	1,821406E+22
-191	2,157810E+22	2,399626E+22	2,517433E+22	2,517463E+22	2,399673E+22	2,157844E+22	1,821443E+22	1,480615E+22	1,262027E+22	1,262014E+22	1,480575E+22	1,821403E+22
-190	2,157848E+22	2,399732E+22	2,517547E+22	2,517545E+22	2,399715E+22	2,157839E+22	1,821412E+22	1,480588E+22	1,262026E+22	1,262047E+22	1,480642E+22	1,821467E+22
-189	2,157844E+22	2,399644E+22	2,517410E+22	2,517407E+22	2,399641E+22	2,157826E+22	1,821429E+22	1,480612E+22	1,262042E+22	1,262045E+22	1,480617E+22	1,821424E+22
-188	2,157794E+22	2,399624E+22	2,517468E+22	2,517497E+22	2,399705E+22	2,157876E+22	1,821466E+22	1,480641E+22	1,262067E+22	1,262064E+22	1,480638E+22	1,821482E+22
-187	2,157900E+22	2,399710E+22	2,517483E+22	2,517470E+22	2,399655E+22	2,157827E+22	1,821446E+22	1,480652E+22	1,262105E+22	1,262119E+22	1,480681E+22	1,821471E+22
-186	2,157839E+22	2,399623E+22	2,517358E+22	2,517352E+22	2,399604E+22	2,157838E+22	1,821500E+22	1,480718E+22	1,262156E+22	1,262135E+22	1,480656E+22	1,821415E+22
-185	2,157785E+22	2,399652E+22	2,517499E+22	2,517501E+22	2,399691E+22	2,157862E+22	1,821490E+22	1,480720E+22	1,262186E+22	1,262183E+22	1,480717E+22	1,821492E+22
-184	2,157850E+22	2,399652E+22	2,517437E+22	2,517412E+22	2,399600E+22	2,157797E+22	1,821459E+22	1,480719E+22	1,262209E+22	1,262220E+22	1,480743E+22	1,821475E+22
-183	2,157784E+22	2,399541E+22	2,517325E+22	2,517370E+22	2,399624E+22	2,157845E+22	1,821507E+22	1,480755E+22	1,262229E+22	1,262221E+22	1,480729E+22	1,821468E+22
-182	2,157816E+22	2,399642E+22	2,517451E+22	2,517457E+22	2,399667E+22	2,157852E+22	1,821492E+22	1,480734E+22	1,262216E+22	1,262231E+22	1,480775E+22	1,821539E+22
-181	2,157864E+22	2,399617E+22	2,517357E+22	2,517330E+22	2,399563E+22	2,157802E+22	1,821484E+22	1,480740E+22	1,262213E+22	1,262206E+22	1,480721E+22	1,821464E+22
-180	2,157794E+22	2,399586E+22	2,517400E+22	2,517422E+22	2,399636E+22	2,157843E+22	1,821501E+22	1,480744E+22	1,262205E+22	1,262186E+22	1,480703E+22	1,821479E+22
-179	2,157868E+22	2,399695E+22	2,517481E+22	2,517465E+22	2,399645E+22	2,157810E+22	1,821449E+22	1,480696E+22	1,262180E+22	1,262195E+22	1,480734E+22	1,821488E+22
-178	2,157823E+22	2,399607E+22	2,517365E+22	2,517355E+22	2,399604E+22	2,157830E+22	1,821482E+22	1,480705E+22	1,262155E+22	1,262143E+22	1,480669E+22	1,821423E+22
-177	2,157764E+22	2,399603E+22	2,517472E+22	2,517505E+22	2,399711E+22	2,157881E+22	1,821483E+22	1,480680E+22	1,262124E+22	1,262119E+22	1,480673E+22	1,821485E+22
-176	2,157875E+22	2,399672E+22	2,517451E+22	2,517444E+22	2,399638E+22	2,157815E+22	1,821438E+22	1,480646E+22	1,262097E+22	1,262107E+22	1,480667E+22	1,821457E+22
-175	2,157821E+22	2,399597E+22	2,517347E+22	2,517364E+22	2,399629E+22	2,157847E+22	1,821476E+22	1,480672E+22	1,262098E+22	1,262078E+22	1,480616E+22	1,821407E+22
-174	2,157806E+22	2,399676E+22	2,517506E+22	2,517490E+22	2,399687E+22	2,157859E+22	1,821460E+22	1,480648E+22	1,262084E+22	1,262086E+22	1,480656E+22	1,821475E+22
-173	2,157862E+22	2,399667E+22	2,517445E+22	2,517411E+22	2,399598E+22	2,157787E+22	1,821424E+22	1,480639E+22	1,262086E+22	1,262086E+22	1,480635E+22	1,821420E+22
-172	2,157782E+22	2,399583E+22	2,517407E+22	2,517452E+22	2,399668E+22	2,157839E+22	1,821451E+22	1,480656E+22	1,262097E+22	1,262089E+22	1,480639E+22	1,821444E+22
-171	2,157846E+22	2,399683E+22	2,517483E+22	2,517490E+22	2,399686E+22	2,157832E+22	1,821428E+22	1,480635E+22	1,262100E+22	1,262127E+22	1,480702E+22	1,821500E+22
-170	2,157856E+22	2,399632E+22	2,517372E+22	2,517341E+22	2,399588E+22	2,157823E+22	1,821471E+22	1,480681E+22	1,262125E+22	1,262120E+22	1,480662E+22	1,821434E+22
-169	2,157779E+22	2,399595E+22	2,517437E+22	2,517456E+22	2,399666E+22	2,157864E+22	1,821501E+22	1,480721E+22	1,262169E+22	1,262153E+22	1,480681E+22	1,821474E+22
-168	2,157873E+22	2,399691E+22	2,517466E+22	2,517438E+22	2,399613E+22	2,157796E+22	1,821455E+22	1,480714E+22	1,262202E+22	1,262215E+22	1,480738E+22	1,821476E+22
-167	2,157807E+22	2,399583E+22	2,517336E+22	2,517333E+22	2,399582E+22	2,157816E+22	1,821500E+22	1,480770E+22	1,262255E+22	1,262241E+22	1,480728E+22	1,821431E+22
-166	2,157747E+22	2,399579E+22	2,517431E+22	2,517453E+22	2,399669E+22	2,157864E+22	1,821515E+22	1,480778E+22	1,262274E+22	1,262280E+22	1,480794E+22	1,821530E+22
-165	2,157843E+22	2,399599E+22	2,517374E+22	2,517367E+22	2,399576E+22	2,157794E+22	1,821484E+22	1,480774E+22	1,262285E+22	1,262298E+22	1,480801E+22	1,821504E+22
-164	2,157784E+22	2,399513E+22	2,517286E+22	2,517330E+22	2,399594E+22	2,157836E+22	1,821530E+22	1,480812E+22	1,262301E+22	1,262286E+22	1,480779E+22	1,821501E+22
-163	2,157827E+22	2,399623E+22	2,517406E+22	2,517398E+22	2,399617E+22	2,157829E+22	1,821505E+22	1,480788E+22	1,262296E+22	1,262308E+22	1,480823E+22	1,821555E+22
-162	2,157867E+22	2,399621E+22	2,517353E+22	2,517293E+22	2,399512E+22	2,157781E+22	1,821507E+22	1,480796E+22	1,262289E+22	1,262281E+22	1,480767E+22	1,821465E+22
-161	2,157760E+22	2,399543E+22	2,517380E+22	2,517415E+22	2,399624E+22	2,157832E+22	1,821514E+22	1,480794E+22	1,262282E+22	1,262265E+22	1,480753E+22	1,821482E+22
-160	2,157842E+22	2,399660E+22	2,517445E+22	2,517439E+22	2,399632E+22	2,157805E+22	1,821452E+22	1,480726E+22	1,262238E+22	1,262263E+22	1,480787E+22	1,821512E+22
-159	2,157817E+22	2,399576E+22	2,517326E+22	2,517315E+22	2,399577E+22	2,157822E+22	1,821490E+22	1,480740E+22	1,262217E+22	1,262208E+22	1,480713E+22	1,821441E+22
-158	2,157757E+22	2,399559E+22	2,517407E+22	2,517439E+22	2,399667E+22	2,157875E+22	1,821514E+22	1,480738E+22	1,262194E+22	1,262182E+22	1,480713E+22	1,821498E+22
-157	2,157874E+22	2,399651E+22	2,517420E+22	2,517408E+22	2,399597E+22	2,157792E+22	1,821452E+22	1,480699E+22	1,262170E+22	1,262172E+22	1,480700E+22	1,821453E+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	2,157798E+22	2,399576E+22	2,517340E+22	2,517354E+22	2,399598E+22	2,157820E+22	1,821481E+22	1,480719E+22	1,262171E+22	1,262149E+22	1,480666E+22	1,821422E+22
-155	2,157785E+22	2,399632E+22	2,517461E+22	2,517457E+22	2,399660E+22	2,157837E+22	1,821460E+22	1,480690E+22	1,262162E+22	1,262173E+22	1,480722E+22	1,821500E+22
-154	2,157852E+22	2,399639E+22	2,517412E+22	2,517367E+22	2,399566E+22	2,157789E+22	1,821451E+22	1,480686E+22	1,262156E+22	1,262164E+22	1,480697E+22	1,821444E+22
-153	2,157764E+22	2,399534E+22	2,517361E+22	2,517419E+22	2,399648E+22	2,157843E+22	1,821484E+22	1,480717E+22	1,262178E+22	1,262167E+22	1,480690E+22	1,821459E+22
-152	2,157845E+22	2,399668E+22	2,517442E+22	2,517439E+22	2,399649E+22	2,157820E+22	1,821447E+22	1,480691E+22	1,262181E+22	1,262204E+22	1,480751E+22	1,821515E+22
-151	2,157854E+22	2,399622E+22	2,517353E+22	2,517302E+22	2,399546E+22	2,157802E+22	1,821484E+22	1,480744E+22	1,262224E+22	1,262213E+22	1,480714E+22	1,821436E+22
-150	2,157751E+22	2,399550E+22	2,517396E+22	2,517417E+22	2,399628E+22	2,157849E+22	1,821529E+22	1,480795E+22	1,262273E+22	1,262256E+22	1,480750E+22	1,821487E+22
-149	2,157841E+22	2,399634E+22	2,517424E+22	2,517420E+22	2,399596E+22	2,157780E+22	1,821467E+22	1,480772E+22	1,262296E+22	1,262313E+22	1,480809E+22	1,821497E+22
-148	2,157777E+22	2,399525E+22	2,517288E+22	2,517305E+22	2,399566E+22	2,157815E+22	1,821519E+22	1,480822E+22	1,262334E+22	1,262328E+22	1,480806E+22	1,821482E+22
-147	2,157750E+22	2,399529E+22	2,517349E+22	2,517376E+22	2,399619E+22	2,157851E+22	1,821537E+22	1,480833E+22	1,262354E+22	1,262365E+22	1,480862E+22	1,821571E+22
-146	2,157864E+22	2,399595E+22	2,517331E+22	2,517290E+22	2,399509E+22	2,157780E+22	1,821518E+22	1,480837E+22	1,262364E+22	1,262371E+22	1,480848E+22	1,821519E+22
-145	2,157781E+22	2,399502E+22	2,517269E+22	2,517299E+22	2,399553E+22	2,157814E+22	1,821548E+22	1,480874E+22	1,262388E+22	1,262364E+22	1,480816E+22	1,821495E+22
-144	2,157814E+22	2,399622E+22	2,517399E+22	2,517377E+22	2,399580E+22	2,157794E+22	1,821499E+22	1,480827E+22	1,262369E+22	1,262383E+22	1,480868E+22	1,821556E+22
-143	2,157841E+22	2,399594E+22	2,517343E+22	2,517292E+22	2,399503E+22	2,157765E+22	1,821501E+22	1,480830E+22	1,262361E+22	1,262356E+22	1,480816E+22	1,821472E+22
-142	2,157726E+22	2,399484E+22	2,517327E+22	2,517385E+22	2,399615E+22	2,157843E+22	1,821542E+22	1,480841E+22	1,262346E+22	1,262332E+22	1,480804E+22	1,821500E+22
-141	2,157823E+22	2,399607E+22	2,517392E+22	2,517408E+22	2,399614E+22	2,157806E+22	1,821480E+22	1,480775E+22	1,262298E+22	1,262318E+22	1,480822E+22	1,821521E+22
-140	2,157804E+22	2,399546E+22	2,517288E+22	2,517281E+22	2,399550E+22	2,157819E+22	1,821517E+22	1,480794E+22	1,262281E+22	1,262266E+22	1,480756E+22	1,821461E+22
-139	2,157753E+22	2,399533E+22	2,517352E+22	2,517374E+22	2,399609E+22	2,157850E+22	1,821529E+22	1,480793E+22	1,262275E+22	1,262262E+22	1,480764E+22	1,821510E+22
-138	2,157865E+22	2,399641E+22	2,517402E+22	2,517362E+22	2,399541E+22	2,157766E+22	1,821469E+22	1,480753E+22	1,262251E+22	1,262255E+22	1,480757E+22	1,821464E+22
-137	2,157769E+22	2,399531E+22	2,517310E+22	2,517342E+22	2,399583E+22	2,157802E+22	1,821484E+22	1,480764E+22	1,262251E+22	1,262236E+22	1,480728E+22	1,821441E+22
-136	2,157774E+22	2,399604E+22	2,517416E+22	2,517419E+22	2,399633E+22	2,157821E+22	1,821459E+22	1,480719E+22	1,262225E+22	1,262248E+22	1,480784E+22	1,821536E+22
-135	2,157858E+22	2,399619E+22	2,517377E+22	2,517331E+22	2,399535E+22	2,157775E+22	1,821461E+22	1,480730E+22	1,262227E+22	1,262235E+22	1,480746E+22	1,821466E+22
-134	2,157762E+22	2,399505E+22	2,517311E+22	2,517365E+22	2,399608E+22	2,157839E+22	1,821521E+22	1,480786E+22	1,262262E+22	1,262242E+22	1,480735E+22	1,821466E+22
-133	2,157830E+22	2,399643E+22	2,517420E+22	2,517416E+22	2,399615E+22	2,157805E+22	1,821473E+22	1,480759E+22	1,262272E+22	1,262286E+22	1,480792E+22	1,821508E+22
-132	2,157819E+22	2,399588E+22	2,517336E+22	2,517296E+22	2,399528E+22	2,157790E+22	1,821505E+22	1,480808E+22	1,262315E+22	1,262306E+22	1,480781E+22	1,821454E+22
-131	2,157718E+22	2,399487E+22	2,517324E+22	2,517368E+22	2,399600E+22	2,157841E+22	1,821548E+22	1,480857E+22	1,262372E+22	1,262362E+22	1,480831E+22	1,821519E+22
-130	2,157826E+22	2,399592E+22	2,517367E+22	2,517357E+22	2,399554E+22	2,157783E+22	1,821505E+22	1,480836E+22	1,262384E+22	1,262405E+22	1,480882E+22	1,821534E+22
-129	2,157768E+22	2,399478E+22	2,517229E+22	2,517255E+22	2,399528E+22	2,157804E+22	1,821548E+22	1,480890E+22	1,262423E+22	1,262413E+22	1,480862E+22	1,821506E+22
-128	2,157763E+22	2,399525E+22	2,517307E+22	2,517315E+22	2,399561E+22	2,157820E+22	1,821546E+22	1,480886E+22	1,262435E+22	1,262444E+22	1,480914E+22	1,821592E+22
-127	2,157870E+22	2,399603E+22	2,517328E+22	2,517261E+22	2,399459E+22	2,157740E+22	1,821517E+22	1,480887E+22	1,262449E+22	1,262451E+22	1,480893E+22	1,821521E+22
-126	2,157754E+22	2,399471E+22	2,517245E+22	2,517279E+22	2,399524E+22	2,157794E+22	1,821563E+22	1,480928E+22	1,262469E+22	1,262446E+22	1,480870E+22	1,821500E+22
-125	2,157778E+22	2,399572E+22	2,517374E+22	2,517380E+22	2,399581E+22	2,157789E+22	1,821507E+22	1,480867E+22	1,262436E+22	1,262453E+22	1,480916E+22	1,821567E+22
-124	2,157811E+22	2,399542E+22	2,517301E+22	2,517279E+22	2,399504E+22	2,157777E+22	1,821523E+22	1,480869E+22	1,262414E+22	1,262417E+22	1,480870E+22	1,821503E+22
-123	2,157719E+22	2,399434E+22	2,517244E+22	2,517315E+22	2,399576E+22	2,157841E+22	1,821572E+22	1,480895E+22	1,262413E+22	1,262397E+22	1,480852E+22	1,821523E+22
-122	2,157825E+22	2,399595E+22	2,517349E+22	2,517338E+22	2,399555E+22	2,157796E+22	1,821514E+22	1,480835E+22	1,262370E+22	1,262381E+22	1,480860E+22	1,821526E+22
-121	2,157786E+22	2,399522E+22	2,517264E+22	2,517250E+22	2,399507E+22	2,157792E+22	1,821531E+22	1,480852E+22	1,262363E+22	1,262342E+22	1,480796E+22	1,821459E+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°
-120	2,157739E+22	2,399523E+22	2,517331E+22	2,517343E+22	2,399566E+22	2,157809E+22	1,821518E+22	1,480827E+22	1,262345E+22	1,262342E+22	1,480822E+22	1,821527E+22
-119	2,157848E+22	2,399619E+22	2,517381E+22	2,517347E+22	2,399521E+22	2,157742E+22	1,821460E+22	1,480784E+22	1,262320E+22	1,262332E+22	1,480816E+22	1,821488E+22
-118	2,157751E+22	2,399486E+22	2,517258E+22	2,517307E+22	2,399568E+22	2,157807E+22	1,821509E+22	1,480810E+22	1,262315E+22	1,262305E+22	1,480784E+22	1,821470E+22
-117	2,157769E+22	2,399568E+22	2,517377E+22	2,517396E+22	2,399614E+22	2,157818E+22	1,821484E+22	1,480771E+22	1,262291E+22	1,262308E+22	1,480822E+22	1,821549E+22
-116	2,157852E+22	2,399600E+22	2,517350E+22	2,517309E+22	2,399515E+22	2,157775E+22	1,821493E+22	1,480791E+22	1,262301E+22	1,262304E+22	1,480794E+22	1,821481E+22
-115	2,157750E+22	2,399478E+22	2,517263E+22	2,517309E+22	2,399557E+22	2,157822E+22	1,821552E+22	1,480860E+22	1,262362E+22	1,262338E+22	1,480795E+22	1,821474E+22
-114	2,157801E+22	2,399613E+22	2,517389E+22	2,517373E+22	2,399570E+22	2,157791E+22	1,821503E+22	1,480832E+22	1,262375E+22	1,262388E+22	1,480862E+22	1,821520E+22
-113	2,157778E+22	2,399527E+22	2,517287E+22	2,517272E+22	2,399511E+22	2,157779E+22	1,821524E+22	1,480873E+22	1,262418E+22	1,262413E+22	1,480856E+22	1,821483E+22
-112	2,157712E+22	2,399451E+22	2,517256E+22	2,517300E+22	2,399551E+22	2,157817E+22	1,821556E+22	1,480903E+22	1,262453E+22	1,262455E+22	1,480907E+22	1,821563E+22
-111	2,157835E+22	2,399571E+22	2,517319E+22	2,517298E+22	2,399499E+22	2,157751E+22	1,821514E+22	1,480892E+22	1,262468E+22	1,262486E+22	1,480939E+22	1,821561E+22
-110	2,157771E+22	2,399461E+22	2,517187E+22	2,517202E+22	2,399478E+22	2,157782E+22	1,821570E+22	1,480952E+22	1,262507E+22	1,262491E+22	1,480910E+22	1,821518E+22
-109	2,157749E+22	2,399508E+22	2,517302E+22	2,517305E+22	2,399526E+22	2,157788E+22	1,821553E+22	1,480938E+22	1,262514E+22	1,262517E+22	1,480952E+22	1,821587E+22
-108	2,157838E+22	2,399574E+22	2,517323E+22	2,517274E+22	2,399460E+22	2,157733E+22	1,821528E+22	1,480931E+22	1,262518E+22	1,262527E+22	1,480951E+22	1,821533E+22
-107	2,157720E+22	2,399417E+22	2,517188E+22	2,517244E+22	2,399513E+22	2,157799E+22	1,821585E+22	1,480978E+22	1,262545E+22	1,262528E+22	1,480932E+22	1,821521E+22
-106	2,157752E+22	2,399527E+22	2,517320E+22	2,517328E+22	2,399557E+22	2,157807E+22	1,821550E+22	1,480924E+22	1,262506E+22	1,262521E+22	1,480965E+22	1,821585E+22
-105	2,157792E+22	2,399493E+22	2,517243E+22	2,517236E+22	2,399482E+22	2,157778E+22	1,821558E+22	1,480933E+22	1,262493E+22	1,262485E+22	1,480909E+22	1,821516E+22
-104	2,157726E+22	2,399425E+22	2,517190E+22	2,517242E+22	2,399517E+22	2,157811E+22	1,821582E+22	1,480944E+22	1,262486E+22	1,262468E+22	1,480899E+22	1,821541E+22
-103	2,157823E+22	2,399591E+22	2,517334E+22	2,517301E+22	2,399500E+22	2,157750E+22	1,821511E+22	1,480884E+22	1,262449E+22	1,262456E+22	1,480907E+22	1,821538E+22
-102	2,157764E+22	2,399492E+22	2,517237E+22	2,517227E+22	2,399476E+22	2,157762E+22	1,821533E+22	1,480896E+22	1,262436E+22	1,262421E+22	1,480856E+22	1,821480E+22
-101	2,157715E+22	2,399482E+22	2,517309E+22	2,517340E+22	2,399554E+22	2,157791E+22	1,821515E+22	1,480855E+22	1,262403E+22	1,262408E+22	1,480875E+22	1,821552E+22
-100	2,157838E+22	2,399588E+22	2,517350E+22	2,517332E+22	2,399518E+22	2,157748E+22	1,821477E+22	1,480816E+22	1,262367E+22	1,262390E+22	1,480870E+22	1,821521E+22
-99	2,157754E+22	2,399457E+22	2,517195E+22	2,517244E+22	2,399530E+22	2,157805E+22	1,821542E+22	1,480869E+22	1,262388E+22	1,262372E+22	1,480828E+22	1,821487E+22
-98	2,157767E+22	2,399561E+22	2,517348E+22	2,517341E+22	2,399570E+22	2,157816E+22	1,821525E+22	1,480844E+22	1,262377E+22	1,262380E+22	1,480857E+22	1,821544E+22
-97	2,157822E+22	2,399570E+22	2,517327E+22	2,517288E+22	2,399487E+22	2,157757E+22	1,821518E+22	1,480866E+22	1,262404E+22	1,262397E+22	1,480839E+22	1,821475E+22
-96	2,157722E+22	2,399447E+22	2,517220E+22	2,517267E+22	2,399519E+22	2,157792E+22	1,821557E+22	1,480916E+22	1,262457E+22	1,262441E+22	1,480870E+22	1,821498E+22
-95	2,157772E+22	2,399566E+22	2,517347E+22	2,517338E+22	2,399540E+22	2,157766E+22	1,821508E+22	1,480886E+22	1,262467E+22	1,262484E+22	1,480936E+22	1,821553E+22
-94	2,157756E+22	2,399468E+22	2,517217E+22	2,517215E+22	2,399475E+22	2,157771E+22	1,821551E+22	1,480934E+22	1,262504E+22	1,262503E+22	1,480928E+22	1,821521E+22
-93	2,157707E+22	2,399415E+22	2,517212E+22	2,517259E+22	2,399511E+22	2,157795E+22	1,821572E+22	1,480959E+22	1,262532E+22	1,262530E+22	1,480958E+22	1,821587E+22
-92	2,157838E+22	2,399561E+22	2,517295E+22	2,517266E+22	2,399468E+22	2,157737E+22	1,821532E+22	1,480945E+22	1,262544E+22	1,262563E+22	1,480993E+22	1,821579E+22
-91	2,157763E+22	2,399442E+22	2,517153E+22	2,517156E+22	2,399432E+22	2,157759E+22	1,821590E+22	1,481017E+22	1,262600E+22	1,262582E+22	1,480968E+22	1,821528E+22
-90	2,157725E+22	2,399481E+22	2,517280E+22	2,517280E+22	2,399504E+22	2,157781E+22	1,821575E+22	1,480997E+22	1,262601E+22	1,262603E+22	1,481008E+22	1,821596E+22
-89	2,157798E+22	2,399513E+22	2,517277E+22	2,517261E+22	2,399465E+22	2,157739E+22	1,821551E+22	1,480987E+22	1,262600E+22	1,262610E+22	1,481004E+22	1,821553E+22
-88	2,157712E+22	2,399380E+22	2,517120E+22	2,517178E+22	2,399476E+22	2,157792E+22	1,821603E+22	1,481023E+22	1,262612E+22	1,262601E+22	1,480991E+22	1,821554E+22
-87	2,157752E+22	2,399501E+22	2,517274E+22	2,517268E+22	2,399506E+22	2,157781E+22	1,821567E+22	1,480981E+22	1,262579E+22	1,262584E+22	1,481005E+22	1,821599E+22
-86	2,157785E+22	2,399472E+22	2,517203E+22	2,517180E+22	2,399431E+22	2,157754E+22	1,821578E+22	1,480992E+22	1,262570E+22	1,262556E+22	1,480950E+22	1,821524E+22
-85	2,157709E+22	2,399406E+22	2,517186E+22	2,517227E+22	2,399476E+22	2,157770E+22	1,821577E+22	1,480984E+22	1,262555E+22	1,262535E+22	1,480938E+22	1,821545E+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	2,157801E+22	2,399565E+22	2,517324E+22	2,517303E+22	2,399496E+22	2,157735E+22	1,821510E+22	1,480913E+22	1,262505E+22	1,262525E+22	1,480966E+22	1,821560E+22
-83	2,157747E+22	2,399452E+22	2,517191E+22	2,517190E+22	2,399459E+22	2,157760E+22	1,821548E+22	1,480935E+22	1,262499E+22	1,262492E+22	1,480913E+22	1,821509E+22
-82	2,157708E+22	2,399453E+22	2,517270E+22	2,517296E+22	2,399535E+22	2,157802E+22	1,821547E+22	1,480907E+22	1,262466E+22	1,262467E+22	1,480915E+22	1,821568E+22
-81	2,157826E+22	2,399553E+22	2,517310E+22	2,517305E+22	2,399508E+22	2,157753E+22	1,821512E+22	1,480882E+22	1,262447E+22	1,262457E+22	1,480901E+22	1,821526E+22
-80	2,157757E+22	2,399453E+22	2,517156E+22	2,517181E+22	2,399478E+22	2,157781E+22	1,821559E+22	1,480928E+22	1,262473E+22	1,262455E+22	1,480877E+22	1,821494E+22
-79	2,157743E+22	2,399536E+22	2,517329E+22	2,517307E+22	2,399522E+22	2,157777E+22	1,821536E+22	1,480912E+22	1,262477E+22	1,262473E+22	1,480912E+22	1,821547E+22
-78	2,157781E+22	2,399514E+22	2,517282E+22	2,517258E+22	2,399465E+22	2,157738E+22	1,821531E+22	1,480928E+22	1,262502E+22	1,262500E+22	1,480916E+22	1,821503E+22
-77	2,157690E+22	2,399386E+22	2,517173E+22	2,517235E+22	2,399493E+22	2,157772E+22	1,821560E+22	1,480960E+22	1,262537E+22	1,262530E+22	1,480941E+22	1,821538E+22
-76	2,157768E+22	2,399522E+22	2,517291E+22	2,517293E+22	2,399516E+22	2,157763E+22	1,821530E+22	1,480931E+22	1,262534E+22	1,262564E+22	1,481008E+22	1,821598E+22
-75	2,157768E+22	2,399442E+22	2,517155E+22	2,517138E+22	2,399417E+22	2,157752E+22	1,821577E+22	1,480999E+22	1,262590E+22	1,262585E+22	1,480984E+22	1,821548E+22
-74	2,157713E+22	2,399413E+22	2,517190E+22	2,517206E+22	2,399462E+22	2,157779E+22	1,821597E+22	1,481026E+22	1,262623E+22	1,262611E+22	1,481000E+22	1,821588E+22
-73	2,157813E+22	2,399536E+22	2,517282E+22	2,517257E+22	2,399454E+22	2,157723E+22	1,821552E+22	1,481013E+22	1,262642E+22	1,262653E+22	1,481037E+22	1,821577E+22
-72	2,157741E+22	2,399414E+22	2,517119E+22	2,517122E+22	2,399409E+22	2,157743E+22	1,821597E+22	1,481066E+22	1,262685E+22	1,262674E+22	1,481033E+22	1,821547E+22
-71	2,157696E+22	2,399433E+22	2,517241E+22	2,517252E+22	2,399486E+22	2,157772E+22	1,821594E+22	1,481055E+22	1,262682E+22	1,262682E+22	1,481064E+22	1,821616E+22
-70	2,157776E+22	2,399456E+22	2,517213E+22	2,517211E+22	2,399441E+22	2,157743E+22	1,821586E+22	1,481049E+22	1,262678E+22	1,262686E+22	1,481059E+22	1,821578E+22
-69	2,157700E+22	2,399343E+22	2,517082E+22	2,517132E+22	2,399435E+22	2,157772E+22	1,821621E+22	1,481076E+22	1,262683E+22	1,262665E+22	1,481032E+22	1,821570E+22
-68	2,157751E+22	2,399486E+22	2,517249E+22	2,517230E+22	2,399470E+22	2,157765E+22	1,821581E+22	1,481025E+22	1,262644E+22	1,262654E+22	1,481055E+22	1,821614E+22
-67	2,157773E+22	2,399448E+22	2,517171E+22	2,517134E+22	2,399380E+22	2,157722E+22	1,821586E+22	1,481043E+22	1,262650E+22	1,262638E+22	1,481007E+22	1,821541E+22
-66	2,157693E+22	2,399382E+22	2,517168E+22	2,517205E+22	2,399458E+22	2,157756E+22	1,821579E+22	1,481023E+22	1,262625E+22	1,262609E+22	1,480991E+22	1,821562E+22
-65	2,157780E+22	2,399519E+22	2,517287E+22	2,517287E+22	2,399498E+22	2,157737E+22	1,821521E+22	1,480952E+22	1,262571E+22	1,262592E+22	1,481009E+22	1,821583E+22
-64	2,157755E+22	2,399429E+22	2,517139E+22	2,517131E+22	2,399424E+22	2,157750E+22	1,821561E+22	1,480973E+22	1,262557E+22	1,262553E+22	1,480960E+22	1,821535E+22
-63	2,157712E+22	2,399438E+22	2,517241E+22	2,517253E+22	2,399492E+22	2,157778E+22	1,821566E+22	1,480965E+22	1,262538E+22	1,262525E+22	1,480943E+22	1,821568E+22
-62	2,157808E+22	2,399526E+22	2,517278E+22	2,517263E+22	2,399471E+22	2,157738E+22	1,821536E+22	1,480946E+22	1,262533E+22	1,262535E+22	1,480943E+22	1,821523E+22
-61	2,157720E+22	2,399416E+22	2,517148E+22	2,517165E+22	2,399445E+22	2,157752E+22	1,821564E+22	1,480980E+22	1,262558E+22	1,262539E+22	1,480931E+22	1,821501E+22
-60	2,157711E+22	2,399485E+22	2,517293E+22	2,517289E+22	2,399515E+22	2,157773E+22	1,821546E+22	1,480954E+22	1,262553E+22	1,262565E+22	1,480987E+22	1,821575E+22
-59	2,157757E+22	2,399454E+22	2,517212E+22	2,517195E+22	2,399431E+22	2,157735E+22	1,821556E+22	1,480987E+22	1,262590E+22	1,262595E+22	1,480993E+22	1,821546E+22
-58	2,157691E+22	2,399350E+22	2,517118E+22	2,517173E+22	2,399456E+22	2,157769E+22	1,821589E+22	1,481023E+22	1,262621E+22	1,262610E+22	1,480998E+22	1,821567E+22
-57	2,157771E+22	2,399494E+22	2,517246E+22	2,517247E+22	2,399485E+22	2,157753E+22	1,821558E+22	1,481003E+22	1,262628E+22	1,262646E+22	1,481050E+22	1,821615E+22
-56	2,157782E+22	2,399443E+22	2,517127E+22	2,517077E+22	2,399356E+22	2,157719E+22	1,821590E+22	1,481060E+22	1,262682E+22	1,262677E+22	1,481042E+22	1,821562E+22
-55	2,157699E+22	2,399398E+22	2,517185E+22	2,517186E+22	2,399419E+22	2,157739E+22	1,821606E+22	1,481093E+22	1,262720E+22	1,262702E+22	1,481055E+22	1,821591E+22
-54	2,157773E+22	2,399484E+22	2,517246E+22	2,517239E+22	2,399446E+22	2,157719E+22	1,821569E+22	1,481072E+22	1,262735E+22	1,262751E+22	1,481107E+22	1,821597E+22
-53	2,157706E+22	2,399357E+22	2,517082E+22	2,517095E+22	2,399392E+22	2,157739E+22	1,821612E+22	1,481111E+22	1,262759E+22	1,262754E+22	1,481094E+22	1,821577E+22
-52	2,157687E+22	2,399383E+22	2,517184E+22	2,517207E+22	2,399466E+22	2,157779E+22	1,821623E+22	1,481102E+22	1,262747E+22	1,262754E+22	1,481121E+22	1,821642E+22
-51	2,157775E+22	2,399425E+22	2,517152E+22	2,517137E+22	2,399385E+22	2,157727E+22	1,821615E+22	1,481116E+22	1,262762E+22	1,262762E+22	1,481108E+22	1,821596E+22
-50	2,157699E+22	2,399333E+22	2,517056E+22	2,517080E+22	2,399384E+22	2,157748E+22	1,821634E+22	1,481132E+22	1,262763E+22	1,262738E+22	1,481070E+22	1,821570E+22
-49	2,157728E+22	2,399456E+22	2,517232E+22	2,517218E+22	2,399452E+22	2,157745E+22	1,821589E+22	1,481075E+22	1,262724E+22	1,262731E+22	1,481097E+22	1,821621E+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	2,157765E+22	2,399425E+22	2,517141E+22	2,517101E+22	2,399352E+22	2,157699E+22	1,821578E+22	1,481070E+22	1,262712E+22	1,262712E+22	1,481068E+22	1,821566E+22
-47	2,157679E+22	2,399348E+22	2,517138E+22	2,517179E+22	2,399434E+22	2,157741E+22	1,821589E+22	1,481063E+22	1,262683E+22	1,262668E+22	1,481034E+22	1,821580E+22
-46	2,157768E+22	2,399478E+22	2,517238E+22	2,517250E+22	2,399485E+22	2,157745E+22	1,821550E+22	1,481003E+22	1,262635E+22	1,262653E+22	1,481050E+22	1,821597E+22
-45	2,157744E+22	2,399406E+22	2,517117E+22	2,517096E+22	2,399390E+22	2,157737E+22	1,821578E+22	1,481020E+22	1,262623E+22	1,262611E+22	1,480992E+22	1,821541E+22
-44	2,157703E+22	2,399416E+22	2,517218E+22	2,517223E+22	2,399464E+22	2,157771E+22	1,821588E+22	1,481015E+22	1,262610E+22	1,262601E+22	1,480991E+22	1,821568E+22
-43	2,157778E+22	2,399486E+22	2,517241E+22	2,517221E+22	2,399428E+22	2,157716E+22	1,821555E+22	1,481011E+22	1,262627E+22	1,262629E+22	1,481009E+22	1,821541E+22
-42	2,157694E+22	2,399369E+22	2,517105E+22	2,517129E+22	2,399423E+22	2,157743E+22	1,821575E+22	1,481033E+22	1,262645E+22	1,262632E+22	1,480999E+22	1,821528E+22
-41	2,157692E+22	2,399428E+22	2,517232E+22	2,517247E+22	2,399498E+22	2,157776E+22	1,821570E+22	1,481010E+22	1,262637E+22	1,262651E+22	1,481048E+22	1,821612E+22
-40	2,157777E+22	2,399431E+22	2,517149E+22	2,517116E+22	2,399370E+22	2,157711E+22	1,821571E+22	1,481038E+22	1,262669E+22	1,262679E+22	1,481057E+22	1,821582E+22
-39	2,157706E+22	2,399345E+22	2,517093E+22	2,517123E+22	2,399395E+22	2,157730E+22	1,821604E+22	1,481090E+22	1,262709E+22	1,262687E+22	1,481041E+22	1,821575E+22
-38	2,157760E+22	2,399476E+22	2,517226E+22	2,517215E+22	2,399446E+22	2,157731E+22	1,821577E+22	1,481071E+22	1,262726E+22	1,262739E+22	1,481103E+22	1,821615E+22
-37	2,157745E+22	2,399413E+22	2,517129E+22	2,517076E+22	2,399333E+22	2,157694E+22	1,821594E+22	1,481112E+22	1,262769E+22	1,262767E+22	1,481100E+22	1,821571E+22
-36	2,157667E+22	2,399348E+22	2,517154E+22	2,517178E+22	2,399425E+22	2,157749E+22	1,821625E+22	1,481137E+22	1,262797E+22	1,262794E+22	1,481126E+22	1,821609E+22
-35	2,157741E+22	2,399420E+22	2,517178E+22	2,517184E+22	2,399420E+22	2,157729E+22	1,821609E+22	1,481138E+22	1,262823E+22	1,262840E+22	1,481175E+22	1,821630E+22
-34	2,157698E+22	2,399313E+22	2,517021E+22	2,517039E+22	2,399363E+22	2,157744E+22	1,821647E+22	1,481178E+22	1,262843E+22	1,262831E+22	1,481145E+22	1,821598E+22
-33	2,157684E+22	2,399349E+22	2,517128E+22	2,517153E+22	2,399430E+22	2,157771E+22	1,821652E+22	1,481170E+22	1,262836E+22	1,262831E+22	1,481160E+22	1,821653E+22
-32	2,157782E+22	2,399414E+22	2,517113E+22	2,517070E+22	2,399315E+22	2,157687E+22	1,821619E+22	1,481165E+22	1,262843E+22	1,262846E+22	1,481166E+22	1,821614E+22
-31	2,157689E+22	2,399317E+22	2,517047E+22	2,517063E+22	2,399337E+22	2,157698E+22	1,821627E+22	1,481178E+22	1,262838E+22	1,262814E+22	1,481122E+22	1,821583E+22
-30	2,157704E+22	2,399413E+22	2,517195E+22	2,517198E+22	2,399438E+22	2,157733E+22	1,821590E+22	1,481110E+22	1,262790E+22	1,262807E+22	1,481157E+22	1,821644E+22
-29	2,157745E+22	2,399388E+22	2,517118E+22	2,517080E+22	2,399333E+22	2,157692E+22	1,821583E+22	1,481094E+22	1,262757E+22	1,262766E+22	1,481112E+22	1,821593E+22
-28	2,157685E+22	2,399324E+22	2,517101E+22	2,517146E+22	2,399417E+22	2,157748E+22	1,821612E+22	1,481095E+22	1,262729E+22	1,262720E+22	1,481070E+22	1,821587E+22
-27	2,157760E+22	2,399458E+22	2,517196E+22	2,517193E+22	2,399439E+22	2,157738E+22	1,821582E+22	1,481065E+22	1,262710E+22	1,262717E+22	1,481083E+22	1,821597E+22
-26	2,157729E+22	2,399389E+22	2,517096E+22	2,517066E+22	2,399359E+22	2,157725E+22	1,821597E+22	1,481081E+22	1,262706E+22	1,262686E+22	1,481029E+22	1,821533E+22
-25	2,157668E+22	2,399368E+22	2,517181E+22	2,517207E+22	2,399452E+22	2,157764E+22	1,821607E+22	1,481076E+22	1,262701E+22	1,262688E+22	1,481042E+22	1,821577E+22
-24	2,157758E+22	2,399440E+22	2,517186E+22	2,517171E+22	2,399391E+22	2,157699E+22	1,821564E+22	1,481057E+22	1,262708E+22	1,262723E+22	1,481086E+22	1,821578E+22
-23	2,157685E+22	2,399328E+22	2,517060E+22	2,517086E+22	2,399377E+22	2,157718E+22	1,821593E+22	1,481090E+22	1,262723E+22	1,262712E+22	1,481060E+22	1,821558E+22
-22	2,157690E+22	2,399392E+22	2,517177E+22	2,517194E+22	2,399459E+22	2,157765E+22	1,821596E+22	1,481073E+22	1,262723E+22	1,262736E+22	1,481108E+22	1,821637E+22
-21	2,157773E+22	2,399421E+22	2,517134E+22	2,517077E+22	2,399322E+22	2,157685E+22	1,821581E+22	1,481090E+22	1,262749E+22	1,262758E+22	1,481108E+22	1,821597E+22
-20	2,157702E+22	2,399334E+22	2,517080E+22	2,517101E+22	2,399366E+22	2,157716E+22	1,821619E+22	1,481141E+22	1,262794E+22	1,262780E+22	1,481100E+22	1,821578E+22
-19	2,157728E+22	2,399437E+22	2,517195E+22	2,517189E+22	2,399419E+22	2,157719E+22	1,821599E+22	1,481139E+22	1,262828E+22	1,262841E+22	1,481174E+22	1,821634E+22
-18	2,157716E+22	2,399359E+22	2,517080E+22	2,517052E+22	2,399328E+22	2,157699E+22	1,821615E+22	1,481170E+22	1,262860E+22	1,262861E+22	1,481167E+22	1,821595E+22
-17	2,157644E+22	2,399282E+22	2,517079E+22	2,517134E+22	2,399414E+22	2,157766E+22	1,821666E+22	1,481204E+22	1,262884E+22	1,262878E+22	1,481184E+22	1,821639E+22
-16	2,157748E+22	2,399387E+22	2,517108E+22	2,517101E+22	2,399356E+22	2,157708E+22	1,821633E+22	1,481199E+22	1,262904E+22	1,262922E+22	1,481236E+22	1,821660E+22
-15	2,157702E+22	2,399299E+22	2,516987E+22	2,516980E+22	2,399288E+22	2,157699E+22	1,821663E+22	1,481244E+22	1,262928E+22	1,262906E+22	1,481187E+22	1,821604E+22
-14	2,157669E+22	2,399328E+22	2,517099E+22	2,517114E+22	2,399382E+22	2,157741E+22	1,821662E+22	1,481225E+22	1,262922E+22	1,262916E+22	1,481213E+22	1,821657E+22
-13	2,157752E+22	2,399392E+22	2,517110E+22	2,517060E+22	2,399287E+22	2,157653E+22	1,821607E+22	1,481195E+22	1,262907E+22	1,262919E+22	1,481220E+22	1,821631E+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°
-12	2,157674E+22	2,399285E+22	2,517021E+22	2,517055E+22	2,399339E+22	2,157700E+22	1,821631E+22	1,481198E+22	1,262888E+22	1,262881E+22	1,481176E+22	1,821601E+22
-11	2,157687E+22	2,399372E+22	2,517146E+22	2,517159E+22	2,399417E+22	2,157739E+22	1,821620E+22	1,481158E+22	1,262851E+22	1,262867E+22	1,481202E+22	1,821668E+22
-10	2,157741E+22	2,399359E+22	2,517074E+22	2,517049E+22	2,399320E+22	2,157699E+22	1,821612E+22	1,481148E+22	1,262821E+22	1,262819E+22	1,481140E+22	1,821596E+22
-9	2,157675E+22	2,399300E+22	2,517061E+22	2,517110E+22	2,399396E+22	2,157754E+22	1,821649E+22	1,481160E+22	1,262807E+22	1,262783E+22	1,481098E+22	1,821584E+22
-8	2,157745E+22	2,399438E+22	2,517163E+22	2,517142E+22	2,399381E+22	2,157708E+22	1,821597E+22	1,481122E+22	1,262794E+22	1,262803E+22	1,481139E+22	1,821605E+22
-7	2,157701E+22	2,399356E+22	2,517073E+22	2,517046E+22	2,399315E+22	2,157685E+22	1,821603E+22	1,481138E+22	1,262792E+22	1,262774E+22	1,481092E+22	1,821550E+22
-6	2,157639E+22	2,399313E+22	2,517121E+22	2,517169E+22	2,399430E+22	2,157754E+22	1,821618E+22	1,481124E+22	1,262784E+22	1,262782E+22	1,481118E+22	1,821611E+22
-5	2,157742E+22	2,399401E+22	2,517142E+22	2,517125E+22	2,399352E+22	2,157681E+22	1,821571E+22	1,481094E+22	1,262773E+22	1,262798E+22	1,481151E+22	1,821621E+22
-4	2,157702E+22	2,399315E+22	2,517021E+22	2,517043E+22	2,399342E+22	2,157706E+22	1,821607E+22	1,481130E+22	1,262789E+22	1,262785E+22	1,481113E+22	1,821578E+22
-3	2,157690E+22	2,399380E+22	2,517143E+22	2,517140E+22	2,399403E+22	2,157742E+22	1,821621E+22	1,481140E+22	1,262813E+22	1,262818E+22	1,481158E+22	1,821647E+22
-2	2,157759E+22	2,399404E+22	2,517118E+22	2,517066E+22	2,399303E+22	2,157670E+22	1,821597E+22	1,481152E+22	1,262841E+22	1,262846E+22	1,481156E+22	1,821596E+22
-1	2,157667E+22	2,399292E+22	2,517047E+22	2,517092E+22	2,399365E+22	2,157721E+22	1,821646E+22	1,481206E+22	1,262889E+22	1,262871E+22	1,481157E+22	1,821588E+22
1	2,157698E+22	2,399382E+22	2,517133E+22	2,517136E+22	2,399387E+22	2,157715E+22	1,821625E+22	1,481198E+22	1,262917E+22	1,262938E+22	1,481250E+22	1,821667E+22
2	2,157701E+22	2,399310E+22	2,517023E+22	2,517005E+22	2,399285E+22	2,157685E+22	1,821650E+22	1,481242E+22	1,262948E+22	1,262945E+22	1,481227E+22	1,821621E+22
3	2,157637E+22	2,399238E+22	2,517004E+22	2,517066E+22	2,399369E+22	2,157755E+22	1,821698E+22	1,481276E+22	1,262979E+22	1,262967E+22	1,481243E+22	1,821658E+22
4	2,157735E+22	2,399371E+22	2,517080E+22	2,517047E+22	2,399294E+22	2,157673E+22	1,821642E+22	1,481251E+22	1,262985E+22	1,263001E+22	1,481290E+22	1,821679E+22
5	2,157699E+22	2,399291E+22	2,516975E+22	2,516955E+22	2,399247E+22	2,157666E+22	1,821662E+22	1,481282E+22	1,263002E+22	1,262991E+22	1,481245E+22	1,821612E+22
6	2,157642E+22	2,399296E+22	2,517073E+22	2,517089E+22	2,399349E+22	2,157714E+22	1,821667E+22	1,481274E+22	1,263001E+22	1,263001E+22	1,481277E+22	1,821682E+22
7	2,157733E+22	2,399353E+22	2,517071E+22	2,517049E+22	2,399292E+22	2,157655E+22	1,821614E+22	1,481229E+22	1,262969E+22	1,262986E+22	1,481269E+22	1,821652E+22
8	2,157664E+22	2,399247E+22	2,516969E+22	2,517025E+22	2,399336E+22	2,157719E+22	1,821665E+22	1,481247E+22	1,262947E+22	1,262933E+22	1,481210E+22	1,821619E+22
9	2,157690E+22	2,399352E+22	2,517096E+22	2,517097E+22	2,399368E+22	2,157726E+22	1,821646E+22	1,481212E+22	1,262918E+22	1,262927E+22	1,481240E+22	1,821679E+22
10	2,157735E+22	2,399349E+22	2,517055E+22	2,517014E+22	2,399266E+22	2,157667E+22	1,821636E+22	1,481212E+22	1,262898E+22	1,262884E+22	1,481171E+22	1,821589E+22
11	2,157644E+22	2,399267E+22	2,517026E+22	2,517082E+22	2,399365E+22	2,157734E+22	1,821665E+22	1,481220E+22	1,262895E+22	1,262871E+22	1,481153E+22	1,821583E+22
12	2,157699E+22	2,399398E+22	2,517141E+22	2,517123E+22	2,399355E+22	2,157682E+22	1,821593E+22	1,481157E+22	1,262864E+22	1,262884E+22	1,481205E+22	1,821633E+22
13	2,157684E+22	2,399314E+22	2,517028E+22	2,517017E+22	2,399301E+22	2,157681E+22	1,821610E+22	1,481167E+22	1,262855E+22	1,262856E+22	1,481160E+22	1,821582E+22
14	2,157630E+22	2,399274E+22	2,517064E+22	2,517112E+22	2,399390E+22	2,157745E+22	1,821646E+22	1,481181E+22	1,262860E+22	1,262858E+22	1,481180E+22	1,821650E+22
15	2,157753E+22	2,399383E+22	2,517094E+22	2,517083E+22	2,399326E+22	2,157670E+22	1,821590E+22	1,481150E+22	1,262849E+22	1,262866E+22	1,481192E+22	1,821637E+22
16	2,157702E+22	2,399304E+22	2,516989E+22	2,517007E+22	2,399314E+22	2,157702E+22	1,821639E+22	1,481197E+22	1,262876E+22	1,262859E+22	1,481152E+22	1,821585E+22
17	2,157677E+22	2,399362E+22	2,517119E+22	2,517101E+22	2,399352E+22	2,157709E+22	1,821635E+22	1,481203E+22	1,262907E+22	1,262912E+22	1,481220E+22	1,821660E+22
18	2,157730E+22	2,399365E+22	2,517092E+22	2,517051E+22	2,399270E+22	2,157642E+22	1,821614E+22	1,481218E+22	1,262936E+22	1,262941E+22	1,481221E+22	1,821611E+22
19	2,157632E+22	2,399230E+22	2,516979E+22	2,517048E+22	2,399350E+22	2,157727E+22	1,821676E+22	1,481270E+22	1,262984E+22	1,262973E+22	1,481234E+22	1,821615E+22
20	2,157671E+22	2,399336E+22	2,517079E+22	2,517078E+22	2,399343E+22	2,157701E+22	1,821646E+22	1,481252E+22	1,262996E+22	1,263020E+22	1,481313E+22	1,821702E+22
21	2,157707E+22	2,399290E+22	2,516975E+22	2,516948E+22	2,399239E+22	2,157666E+22	1,821668E+22	1,481296E+22	1,263031E+22	1,263029E+22	1,481280E+22	1,821636E+22
22	2,157628E+22	2,399221E+22	2,516967E+22	2,517006E+22	2,399305E+22	2,157720E+22	1,821717E+22	1,481345E+22	1,263074E+22	1,263055E+22	1,481298E+22	1,821673E+22
23	2,157719E+22	2,399346E+22	2,517056E+22	2,517032E+22	2,399273E+22	2,157646E+22	1,821645E+22	1,481302E+22	1,263068E+22	1,263083E+22	1,481340E+22	1,821686E+22
24	2,157673E+22	2,399256E+22	2,516948E+22	2,516947E+22	2,399249E+22	2,157668E+22	1,821678E+22	1,481329E+22	1,263075E+22	1,263063E+22	1,481297E+22	1,821634E+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	2,157625E+22	2,399256E+22	2,517028E+22	2,517048E+22	2,399321E+22	2,157706E+22	1,821683E+22	1,481315E+22	1,263067E+22	1,263073E+22	1,481336E+22	1,821713E+22
26	2,157728E+22	2,399320E+22	2,517034E+22	2,517019E+22	2,399262E+22	2,157647E+22	1,821646E+22	1,481286E+22	1,263034E+22	1,263045E+22	1,481307E+22	1,821666E+22
27	2,157656E+22	2,399219E+22	2,516917E+22	2,516976E+22	2,399311E+22	2,157720E+22	1,821697E+22	1,481309E+22	1,263025E+22	1,263003E+22	1,481250E+22	1,821620E+22
28	2,157664E+22	2,399334E+22	2,517076E+22	2,517054E+22	2,399323E+22	2,157702E+22	1,821658E+22	1,481261E+22	1,262988E+22	1,262995E+22	1,481281E+22	1,821686E+22
29	2,157718E+22	2,399329E+22	2,517039E+22	2,516995E+22	2,399238E+22	2,157641E+22	1,821637E+22	1,481252E+22	1,262972E+22	1,262967E+22	1,481226E+22	1,821598E+22
30	2,157612E+22	2,399221E+22	2,516981E+22	2,517041E+22	2,399332E+22	2,157710E+22	1,821672E+22	1,481269E+22	1,262975E+22	1,262957E+22	1,481223E+22	1,821619E+22
31	2,157685E+22	2,399346E+22	2,517082E+22	2,517092E+22	2,399349E+22	2,157679E+22	1,821603E+22	1,481195E+22	1,262928E+22	1,262954E+22	1,481262E+22	1,821669E+22
32	2,157690E+22	2,399287E+22	2,516978E+22	2,516970E+22	2,399277E+22	2,157683E+22	1,821637E+22	1,481215E+22	1,262917E+22	1,262913E+22	1,481203E+22	1,821613E+22
33	2,157643E+22	2,399265E+22	2,517022E+22	2,517043E+22	2,399324E+22	2,157711E+22	1,821661E+22	1,481236E+22	1,262936E+22	1,262928E+22	1,481224E+22	1,821667E+22
34	2,157753E+22	2,399380E+22	2,517086E+22	2,517054E+22	2,399274E+22	2,157636E+22	1,821610E+22	1,481215E+22	1,262935E+22	1,262942E+22	1,481228E+22	1,821631E+22
35	2,157672E+22	2,399274E+22	2,516964E+22	2,516987E+22	2,399294E+22	2,157686E+22	1,821657E+22	1,481263E+22	1,262975E+22	1,262957E+22	1,481211E+22	1,821582E+22
36	2,157625E+22	2,399316E+22	2,517092E+22	2,517081E+22	2,399335E+22	2,157697E+22	1,821646E+22	1,481254E+22	1,262991E+22	1,263003E+22	1,481287E+22	1,821683E+22
37	2,157704E+22	2,399315E+22	2,517044E+22	2,517019E+22	2,399259E+22	2,157645E+22	1,821636E+22	1,481270E+22	1,263020E+22	1,263035E+22	1,481290E+22	1,821636E+22
38	2,157611E+22	2,399177E+22	2,516909E+22	2,516979E+22	2,399305E+22	2,157720E+22	1,821715E+22	1,481347E+22	1,263081E+22	1,263066E+22	1,481303E+22	1,821652E+22
39	2,157668E+22	2,399296E+22	2,517017E+22	2,517026E+22	2,399313E+22	2,157689E+22	1,821670E+22	1,481319E+22	1,263088E+22	1,263105E+22	1,481365E+22	1,821720E+22
40	2,157703E+22	2,399272E+22	2,516941E+22	2,516902E+22	2,399199E+22	2,157651E+22	1,821693E+22	1,481364E+22	1,263123E+22	1,263112E+22	1,481334E+22	1,821654E+22
41	2,157616E+22	2,399197E+22	2,516941E+22	2,516963E+22	2,399248E+22	2,157675E+22	1,821718E+22	1,481401E+22	1,263166E+22	1,263151E+22	1,481368E+22	1,821699E+22
42	2,157703E+22	2,399312E+22	2,517032E+22	2,517015E+22	2,399246E+22	2,157621E+22	1,821653E+22	1,481352E+22	1,263147E+22	1,263167E+22	1,481400E+22	1,821710E+22
43	2,157655E+22	2,399209E+22	2,516894E+22	2,516912E+22	2,399241E+22	2,157676E+22	1,821701E+22	1,481376E+22	1,263148E+22	1,263142E+22	1,481357E+22	1,821657E+22
44	2,157613E+22	2,399230E+22	2,516993E+22	2,517002E+22	2,399287E+22	2,157698E+22	1,821702E+22	1,481357E+22	1,263122E+22	1,263128E+22	1,481376E+22	1,821735E+22
45	2,157734E+22	2,399310E+22	2,517004E+22	2,516978E+22	2,399231E+22	2,157635E+22	1,821661E+22	1,481331E+22	1,263101E+22	1,263107E+22	1,481337E+22	1,821662E+22
46	2,157635E+22	2,399200E+22	2,516892E+22	2,516929E+22	2,399265E+22	2,157698E+22	1,821719E+22	1,481371E+22	1,263108E+22	1,263079E+22	1,481294E+22	1,821625E+22
47	2,157636E+22	2,399291E+22	2,517045E+22	2,517041E+22	2,399313E+22	2,157684E+22	1,821661E+22	1,481305E+22	1,263062E+22	1,263068E+22	1,481325E+22	1,821690E+22
48	2,157687E+22	2,399283E+22	2,516997E+22	2,516971E+22	2,399234E+22	2,157645E+22	1,821654E+22	1,481296E+22	1,263039E+22	1,263035E+22	1,481281E+22	1,821628E+22
49	2,157601E+22	2,399178E+22	2,516928E+22	2,516985E+22	2,399289E+22	2,157690E+22	1,821684E+22	1,481312E+22	1,263041E+22	1,263029E+22	1,481284E+22	1,821660E+22
50	2,157694E+22	2,399320E+22	2,517042E+22	2,517043E+22	2,399301E+22	2,157658E+22	1,821628E+22	1,481250E+22	1,262996E+22	1,263017E+22	1,481303E+22	1,821688E+22
51	2,157693E+22	2,399270E+22	2,516939E+22	2,516921E+22	2,399243E+22	2,157674E+22	1,821661E+22	1,481276E+22	1,263000E+22	1,262990E+22	1,481247E+22	1,821614E+22
52	2,157624E+22	2,399261E+22	2,517019E+22	2,517009E+22	2,399277E+22	2,157680E+22	1,821667E+22	1,481285E+22	1,263013E+22	1,263005E+22	1,481269E+22	1,821672E+22
53	2,157731E+22	2,399359E+22	2,517077E+22	2,517047E+22	2,399259E+22	2,157614E+22	1,821611E+22	1,481263E+22	1,263023E+22	1,263036E+22	1,481287E+22	1,821635E+22
54	2,157631E+22	2,399218E+22	2,516919E+22	2,516953E+22	2,399277E+22	2,157680E+22	1,821678E+22	1,481326E+22	1,263072E+22	1,263059E+22	1,481289E+22	1,821616E+22
55	2,157600E+22	2,399242E+22	2,517017E+22	2,517044E+22	2,399332E+22	2,157705E+22	1,821673E+22	1,481312E+22	1,263077E+22	1,263090E+22	1,481350E+22	1,821713E+22
56	2,157699E+22	2,399273E+22	2,516979E+22	2,516959E+22	2,399230E+22	2,157652E+22	1,821678E+22	1,481342E+22	1,263107E+22	1,263112E+22	1,481348E+22	1,821672E+22
57	2,157616E+22	2,399154E+22	2,516858E+22	2,516898E+22	2,399227E+22	2,157680E+22	1,821734E+22	1,481417E+22	1,263178E+22	1,263157E+22	1,481364E+22	1,821678E+22
58	2,157668E+22	2,399282E+22	2,516997E+22	2,516982E+22	2,399249E+22	2,157650E+22	1,821688E+22	1,481387E+22	1,263184E+22	1,263196E+22	1,481418E+22	1,821727E+22
59	2,157681E+22	2,399242E+22	2,516915E+22	2,516878E+22	2,399175E+22	2,157632E+22	1,821702E+22	1,481420E+22	1,263217E+22	1,263212E+22	1,481400E+22	1,821664E+22
60	2,157584E+22	2,399165E+22	2,516918E+22	2,516939E+22	2,399228E+22	2,157659E+22	1,821718E+22	1,481436E+22	1,263235E+22	1,263231E+22	1,481431E+22	1,821730E+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°
61	2,157697E+22	2,399282E+22	2,516999E+22	2,516992E+22	2,399240E+22	2,157624E+22	1,821666E+22	1,481391E+22	1,263214E+22	1,263239E+22	1,481450E+22	1,821729E+22
62	2,157645E+22	2,399174E+22	2,516846E+22	2,516860E+22	2,399209E+22	2,157674E+22	1,821735E+22	1,481440E+22	1,263224E+22	1,263210E+22	1,481401E+22	1,821677E+22
63	2,157606E+22	2,399191E+22	2,516945E+22	2,516966E+22	2,399270E+22	2,157695E+22	1,821727E+22	1,481414E+22	1,263196E+22	1,263189E+22	1,481403E+22	1,821730E+22
64	2,157717E+22	2,399290E+22	2,516983E+22	2,516947E+22	2,399202E+22	2,157628E+22	1,821687E+22	1,481390E+22	1,263175E+22	1,263173E+22	1,481377E+22	1,821667E+22
65	2,157607E+22	2,399161E+22	2,516860E+22	2,516885E+22	2,399210E+22	2,157656E+22	1,821718E+22	1,481420E+22	1,263189E+22	1,263164E+22	1,481357E+22	1,821648E+22
66	2,157617E+22	2,399244E+22	2,517003E+22	2,517007E+22	2,399282E+22	2,157667E+22	1,821671E+22	1,481346E+22	1,263132E+22	1,263145E+22	1,481383E+22	1,821716E+22
67	2,157678E+22	2,399238E+22	2,516939E+22	2,516921E+22	2,399211E+22	2,157643E+22	1,821670E+22	1,481338E+22	1,263107E+22	1,263110E+22	1,481338E+22	1,821653E+22
68	2,157603E+22	2,399165E+22	2,516896E+22	2,516932E+22	2,399239E+22	2,157664E+22	1,821688E+22	1,481348E+22	1,263098E+22	1,263087E+22	1,481325E+22	1,821684E+22
69	2,157708E+22	2,399322E+22	2,517029E+22	2,517012E+22	2,399265E+22	2,157632E+22	1,821629E+22	1,481294E+22	1,263069E+22	1,263085E+22	1,481335E+22	1,821684E+22
70	2,157671E+22	2,399252E+22	2,516929E+22	2,516893E+22	2,399207E+22	2,157652E+22	1,821678E+22	1,481337E+22	1,263088E+22	1,263074E+22	1,481296E+22	1,821618E+22
71	2,157590E+22	2,399207E+22	2,516988E+22	2,517010E+22	2,399284E+22	2,157677E+22	1,821680E+22	1,481337E+22	1,263096E+22	1,263089E+22	1,481320E+22	1,821674E+22
72	2,157694E+22	2,399305E+22	2,517032E+22	2,517022E+22	2,399263E+22	2,157637E+22	1,821646E+22	1,481322E+22	1,263105E+22	1,263119E+22	1,481353E+22	1,821666E+22
73	2,157609E+22	2,399159E+22	2,516854E+22	2,516886E+22	2,399230E+22	2,157671E+22	1,821710E+22	1,481395E+22	1,263165E+22	1,263154E+22	1,481363E+22	1,821659E+22
74	2,157605E+22	2,399200E+22	2,516954E+22	2,516975E+22	2,399278E+22	2,157693E+22	1,821711E+22	1,481388E+22	1,263172E+22	1,263179E+22	1,481408E+22	1,821737E+22
75	2,157699E+22	2,399246E+22	2,516925E+22	2,516891E+22	2,399179E+22	2,157636E+22	1,821706E+22	1,481417E+22	1,263213E+22	1,263214E+22	1,481411E+22	1,821684E+22
76	2,157606E+22	2,399148E+22	2,516846E+22	2,516852E+22	2,399163E+22	2,157633E+22	1,821733E+22	1,481470E+22	1,263267E+22	1,263249E+22	1,481428E+22	1,821701E+22
77	2,157660E+22	2,399263E+22	2,516984E+22	2,516966E+22	2,399220E+22	2,157614E+22	1,821677E+22	1,481431E+22	1,263273E+22	1,263292E+22	1,481482E+22	1,821743E+22
78	2,157655E+22	2,399198E+22	2,516879E+22	2,516850E+22	2,399159E+22	2,157626E+22	1,821717E+22	1,481470E+22	1,263299E+22	1,263302E+22	1,481471E+22	1,821699E+22
79	2,157575E+22	2,399112E+22	2,516864E+22	2,516915E+22	2,399227E+22	2,157667E+22	1,821740E+22	1,481479E+22	1,263298E+22	1,263295E+22	1,481472E+22	1,821744E+22
80	2,157693E+22	2,399256E+22	2,516954E+22	2,516945E+22	2,399219E+22	2,157638E+22	1,821707E+22	1,481452E+22	1,263280E+22	1,263293E+22	1,481484E+22	1,821741E+22
81	2,157635E+22	2,399150E+22	2,516812E+22	2,516802E+22	2,399149E+22	2,157647E+22	1,821755E+22	1,481503E+22	1,263308E+22	1,263284E+22	1,481443E+22	1,821683E+22
82	2,157589E+22	2,399161E+22	2,516918E+22	2,516931E+22	2,399222E+22	2,157669E+22	1,821746E+22	1,481473E+22	1,263279E+22	1,263267E+22	1,481444E+22	1,821724E+22
83	2,157679E+22	2,399241E+22	2,516944E+22	2,516921E+22	2,399184E+22	2,157618E+22	1,821699E+22	1,481440E+22	1,263258E+22	1,263262E+22	1,481438E+22	1,821675E+22
84	2,157578E+22	2,399124E+22	2,516826E+22	2,516848E+22	2,399176E+22	2,157635E+22	1,821715E+22	1,481446E+22	1,263246E+22	1,263235E+22	1,481419E+22	1,821684E+22
85	2,157621E+22	2,399218E+22	2,516964E+22	2,516971E+22	2,399255E+22	2,157653E+22	1,821673E+22	1,481380E+22	1,263193E+22	1,263211E+22	1,481430E+22	1,821738E+22
86	2,157680E+22	2,399216E+22	2,516899E+22	2,516873E+22	2,399175E+22	2,157633E+22	1,821691E+22	1,481390E+22	1,263177E+22	1,263177E+22	1,481385E+22	1,821675E+22
87	2,157606E+22	2,399142E+22	2,516865E+22	2,516909E+22	2,399221E+22	2,157655E+22	1,821703E+22	1,481395E+22	1,263166E+22	1,263148E+22	1,481354E+22	1,821679E+22
88	2,157693E+22	2,399310E+22	2,517019E+22	2,516995E+22	2,399247E+22	2,157631E+22	1,821656E+22	1,481352E+22	1,263145E+22	1,263155E+22	1,481381E+22	1,821691E+22
89	2,157639E+22	2,399208E+22	2,516899E+22	2,516864E+22	2,399171E+22	2,157627E+22	1,821689E+22	1,481396E+22	1,263180E+22	1,263169E+22	1,481367E+22	1,821644E+22
90	2,157568E+22	2,399146E+22	2,516930E+22	2,516969E+22	2,399261E+22	2,157682E+22	1,821711E+22	1,481397E+22	1,263184E+22	1,263181E+22	1,481387E+22	1,821698E+22
91	2,157677E+22	2,399249E+22	2,516961E+22	2,516961E+22	2,399232E+22	2,157644E+22	1,821684E+22	1,481390E+22	1,263197E+22	1,263214E+22	1,481421E+22	1,821692E+22
92	2,157609E+22	2,399140E+22	2,516805E+22	2,516812E+22	2,399159E+22	2,157638E+22	1,821725E+22	1,481453E+22	1,263250E+22	1,263237E+22	1,481422E+22	1,821689E+22
93	2,157619E+22	2,399199E+22	2,516929E+22	2,516925E+22	2,399220E+22	2,157653E+22	1,821713E+22	1,481448E+22	1,263270E+22	1,263272E+22	1,481459E+22	1,821742E+22
94	2,157682E+22	2,399226E+22	2,516906E+22	2,516858E+22	2,399131E+22	2,157600E+22	1,821713E+22	1,481479E+22	1,263312E+22	1,263314E+22	1,481478E+22	1,821700E+22
95	2,157580E+22	2,399099E+22	2,516814E+22	2,516852E+22	2,399162E+22	2,157620E+22	1,821735E+22	1,481513E+22	1,263347E+22	1,263335E+22	1,481485E+22	1,821713E+22
96	2,157636E+22	2,399223E+22	2,516951E+22	2,516949E+22	2,399221E+22	2,157632E+22	1,821707E+22	1,481482E+22	1,263342E+22	1,263365E+22	1,481543E+22	1,821772E+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	2,157637E+22	2,399148E+22	2,516827E+22	2,516801E+22	2,399119E+22	2,157618E+22	1,821747E+22	1,481532E+22	1,263380E+22	1,263380E+22	1,481529E+22	1,821727E+22
98	2,157574E+22	2,399076E+22	2,516809E+22	2,516860E+22	2,399190E+22	2,157671E+22	1,821783E+22	1,481548E+22	1,263382E+22	1,263368E+22	1,481511E+22	1,821744E+22
99	2,157674E+22	2,399228E+22	2,516910E+22	2,516893E+22	2,399181E+22	2,157634E+22	1,821740E+22	1,481521E+22	1,263373E+22	1,263379E+22	1,481530E+22	1,821735E+22
100	2,157609E+22	2,399132E+22	2,516791E+22	2,516762E+22	2,399090E+22	2,157605E+22	1,821755E+22	1,481550E+22	1,263386E+22	1,263366E+22	1,481501E+22	1,821700E+22
101	2,157573E+22	2,399128E+22	2,516886E+22	2,516910E+22	2,399195E+22	2,157637E+22	1,821733E+22	1,481510E+22	1,263357E+22	1,263352E+22	1,481505E+22	1,821743E+22
102	2,157655E+22	2,399191E+22	2,516890E+22	2,516882E+22	2,399159E+22	2,157608E+22	1,821707E+22	1,481477E+22	1,263324E+22	1,263340E+22	1,481508E+22	1,821719E+22
103	2,157581E+22	2,399081E+22	2,516772E+22	2,516819E+22	2,399161E+22	2,157631E+22	1,821726E+22	1,481477E+22	1,263294E+22	1,263286E+22	1,481458E+22	1,821707E+22
104	2,157634E+22	2,399215E+22	2,516937E+22	2,516930E+22	2,399224E+22	2,157652E+22	1,821701E+22	1,481427E+22	1,263246E+22	1,263256E+22	1,481463E+22	1,821752E+22
105	2,157675E+22	2,399208E+22	2,516884E+22	2,516834E+22	2,399120E+22	2,157603E+22	1,821705E+22	1,481445E+22	1,263253E+22	1,263246E+22	1,481423E+22	1,821680E+22
106	2,157592E+22	2,399121E+22	2,516849E+22	2,516888E+22	2,399193E+22	2,157645E+22	1,821726E+22	1,481451E+22	1,263248E+22	1,263227E+22	1,481395E+22	1,821667E+22
107	2,157648E+22	2,399259E+22	2,516980E+22	2,516976E+22	2,399242E+22	2,157640E+22	1,821683E+22	1,481412E+22	1,263235E+22	1,263248E+22	1,481442E+22	1,821696E+22
108	2,157608E+22	2,399166E+22	2,516852E+22	2,516825E+22	2,399139E+22	2,157617E+22	1,821706E+22	1,481445E+22	1,263257E+22	1,263255E+22	1,481436E+22	1,821682E+22
109	2,157568E+22	2,399108E+22	2,516869E+22	2,516916E+22	2,399220E+22	2,157665E+22	1,821729E+22	1,481458E+22	1,263273E+22	1,263267E+22	1,481446E+22	1,821721E+22
110	2,157669E+22	2,399213E+22	2,516902E+22	2,516896E+22	2,399181E+22	2,157627E+22	1,821713E+22	1,481462E+22	1,263293E+22	1,263308E+22	1,481488E+22	1,821721E+22
111	2,157608E+22	2,399113E+22	2,516771E+22	2,516779E+22	2,399116E+22	2,157610E+22	1,821734E+22	1,481508E+22	1,263335E+22	1,263321E+22	1,481472E+22	1,821696E+22
112	2,157605E+22	2,399185E+22	2,516915E+22	2,516901E+22	2,399183E+22	2,157631E+22	1,821728E+22	1,481506E+22	1,263355E+22	1,263359E+22	1,481524E+22	1,821761E+22
113	2,157653E+22	2,399183E+22	2,516874E+22	2,516833E+22	2,399099E+22	2,157572E+22	1,821716E+22	1,481532E+22	1,263404E+22	1,263414E+22	1,481554E+22	1,821735E+22
114	2,157569E+22	2,399051E+22	2,516759E+22	2,516813E+22	2,399145E+22	2,157631E+22	1,821765E+22	1,481566E+22	1,263427E+22	1,263420E+22	1,481545E+22	1,821734E+22
115	2,157620E+22	2,399177E+22	2,516889E+22	2,516898E+22	2,399199E+22	2,157647E+22	1,821752E+22	1,481551E+22	1,263427E+22	1,263446E+22	1,481594E+22	1,821785E+22
116	2,157632E+22	2,399133E+22	2,516787E+22	2,516745E+22	2,399061E+22	2,157593E+22	1,821767E+22	1,481591E+22	1,263458E+22	1,263452E+22	1,481574E+22	1,821743E+22
117	2,157571E+22	2,399063E+22	2,516780E+22	2,516820E+22	2,399141E+22	2,157637E+22	1,821789E+22	1,481608E+22	1,263473E+22	1,263449E+22	1,481553E+22	1,821737E+22
118	2,157636E+22	2,399189E+22	2,516878E+22	2,516863E+22	2,399146E+22	2,157610E+22	1,821751E+22	1,481576E+22	1,263459E+22	1,263469E+22	1,481594E+22	1,821751E+22
119	2,157578E+22	2,399076E+22	2,516750E+22	2,516753E+22	2,399083E+22	2,157592E+22	1,821755E+22	1,481581E+22	1,263448E+22	1,263438E+22	1,481555E+22	1,821719E+22
120	2,157559E+22	2,399097E+22	2,516847E+22	2,516878E+22	2,399179E+22	2,157643E+22	1,821756E+22	1,481548E+22	1,263408E+22	1,263410E+22	1,481562E+22	1,821780E+22
121	2,157653E+22	2,399159E+22	2,516842E+22	2,516832E+22	2,399115E+22	2,157589E+22	1,821725E+22	1,481526E+22	1,263389E+22	1,263402E+22	1,481556E+22	1,821752E+22
122	2,157597E+22	2,399071E+22	2,516733E+22	2,516770E+22	2,399126E+22	2,157629E+22	1,821755E+22	1,481529E+22	1,263360E+22	1,263344E+22	1,481487E+22	1,821706E+22
123	2,157622E+22	2,399206E+22	2,516918E+22	2,516899E+22	2,399192E+22	2,157647E+22	1,821731E+22	1,481488E+22	1,263326E+22	1,263330E+22	1,481499E+22	1,821741E+22
124	2,157649E+22	2,399195E+22	2,516875E+22	2,516816E+22	2,399076E+22	2,157566E+22	1,821707E+22	1,481491E+22	1,263329E+22	1,263325E+22	1,481477E+22	1,821692E+22
125	2,157568E+22	2,399085E+22	2,516815E+22	2,516874E+22	2,399179E+22	2,157626E+22	1,821726E+22	1,481499E+22	1,263335E+22	1,263316E+22	1,481457E+22	1,821680E+22
126	2,157611E+22	2,399199E+22	2,516916E+22	2,516931E+22	2,399220E+22	2,157640E+22	1,821707E+22	1,481466E+22	1,263317E+22	1,263338E+22	1,481515E+22	1,821733E+22
127	2,157598E+22	2,399110E+22	2,516785E+22	2,516781E+22	2,399108E+22	2,157607E+22	1,821727E+22	1,481497E+22	1,263330E+22	1,263327E+22	1,481488E+22	1,821706E+22
128	2,157573E+22	2,399097E+22	2,516829E+22	2,516861E+22	2,399172E+22	2,157649E+22	1,821757E+22	1,481521E+22	1,263351E+22	1,263341E+22	1,481501E+22	1,821743E+22
129	2,157657E+22	2,399192E+22	2,516872E+22	2,516846E+22	2,399113E+22	2,157582E+22	1,821722E+22	1,481527E+22	1,263392E+22	1,263403E+22	1,481550E+22	1,821741E+22
130	2,157595E+22	2,399087E+22	2,516743E+22	2,516750E+22	2,399086E+22	2,157595E+22	1,821750E+22	1,481564E+22	1,263427E+22	1,263416E+22	1,481532E+22	1,821701E+22
131	2,157570E+22	2,399141E+22	2,516877E+22	2,516879E+22	2,399174E+22	2,157635E+22	1,821753E+22	1,481564E+22	1,263446E+22	1,263457E+22	1,481591E+22	1,821777E+22
132	2,157632E+22	2,399146E+22	2,516830E+22	2,516796E+22	2,399068E+22	2,157563E+22	1,821736E+22	1,481583E+22	1,263481E+22	1,263497E+22	1,481619E+22	1,821770E+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												
133	2,157571E+22	2,399022E+22	2,516707E+22	2,516770E+22	2,399117E+22	2,157621E+22	1,821789E+22	1,481633E+22	1,263518E+22	1,263500E+22	1,481594E+22	1,821745E+22
134	2,157601E+22	2,399141E+22	2,516835E+22	2,516842E+22	2,399159E+22	2,157641E+22	1,821788E+22	1,481625E+22	1,263522E+22	1,263532E+22	1,481649E+22	1,821800E+22
135	2,157615E+22	2,399097E+22	2,516753E+22	2,516717E+22	2,399025E+22	2,157571E+22	1,821785E+22	1,481649E+22	1,263540E+22	1,263531E+22	1,481620E+22	1,821746E+22
136	2,157549E+22	2,399040E+22	2,516757E+22	2,516793E+22	2,399108E+22	2,157616E+22	1,821804E+22	1,481661E+22	1,263548E+22	1,263530E+22	1,481619E+22	1,821759E+22
137	2,157603E+22	2,399136E+22	2,516832E+22	2,516827E+22	2,399111E+22	2,157583E+22	1,821752E+22	1,481620E+22	1,263537E+22	1,263556E+22	1,481667E+22	1,821794E+22
138	2,157579E+22	2,399040E+22	2,516694E+22	2,516702E+22	2,399060E+22	2,157597E+22	1,821775E+22	1,481618E+22	1,263507E+22	1,263504E+22	1,481606E+22	1,821745E+22
139	2,157560E+22	2,399075E+22	2,516801E+22	2,516827E+22	2,399147E+22	2,157642E+22	1,821786E+22	1,481601E+22	1,263473E+22	1,263471E+22	1,481598E+22	1,821792E+22
140	2,157663E+22	2,399167E+22	2,516825E+22	2,516792E+22	2,399063E+22	2,157555E+22	1,821731E+22	1,481570E+22	1,263451E+22	1,263458E+22	1,481588E+22	1,821762E+22
141	2,157598E+22	2,399074E+22	2,516727E+22	2,516752E+22	2,399091E+22	2,157593E+22	1,821755E+22	1,481580E+22	1,263440E+22	1,263412E+22	1,481517E+22	1,821690E+22
142	2,157574E+22	2,399163E+22	2,516893E+22	2,516887E+22	2,399179E+22	2,157635E+22	1,821746E+22	1,481542E+22	1,263407E+22	1,263413E+22	1,481555E+22	1,821749E+22
143	2,157606E+22	2,399132E+22	2,516835E+22	2,516813E+22	2,399080E+22	2,157566E+22	1,821718E+22	1,481530E+22	1,263394E+22	1,263397E+22	1,481531E+22	1,821708E+22
144	2,157545E+22	2,399041E+22	2,516760E+22	2,516829E+22	2,399159E+22	2,157634E+22	1,821760E+22	1,481551E+22	1,263400E+22	1,263388E+22	1,481522E+22	1,821715E+22
145	2,157595E+22	2,399147E+22	2,516847E+22	2,516865E+22	2,399170E+22	2,157622E+22	1,821734E+22	1,481532E+22	1,263404E+22	1,263422E+22	1,481578E+22	1,821772E+22
146	2,157610E+22	2,399091E+22	2,516730E+22	2,516710E+22	2,399061E+22	2,157597E+22	1,821754E+22	1,481560E+22	1,263419E+22	1,263411E+22	1,481538E+22	1,821717E+22
147	2,157561E+22	2,399083E+22	2,516803E+22	2,516815E+22	2,399121E+22	2,157625E+22	1,821781E+22	1,481592E+22	1,263451E+22	1,263437E+22	1,481557E+22	1,821751E+22
148	2,157641E+22	2,399176E+22	2,516854E+22	2,516820E+22	2,399066E+22	2,157535E+22	1,821716E+22	1,481576E+22	1,263480E+22	1,263498E+22	1,481621E+22	1,821771E+22
149	2,157583E+22	2,399055E+22	2,516709E+22	2,516730E+22	2,399069E+22	2,157573E+22	1,821751E+22	1,481616E+22	1,263517E+22	1,263509E+22	1,481599E+22	1,821724E+22
150	2,157544E+22	2,399088E+22	2,516818E+22	2,516836E+22	2,399156E+22	2,157643E+22	1,821787E+22	1,481625E+22	1,263530E+22	1,263545E+22	1,481659E+22	1,821811E+22
151	2,157624E+22	2,399102E+22	2,516778E+22	2,516759E+22	2,399043E+22	2,157558E+22	1,821766E+22	1,481643E+22	1,263557E+22	1,263567E+22	1,481662E+22	1,821783E+22
152	2,157567E+22	2,399013E+22	2,516676E+22	2,516719E+22	2,399075E+22	2,157612E+22	1,821824E+22	1,481702E+22	1,263600E+22	1,263578E+22	1,481645E+22	1,821753E+22
153	2,157571E+22	2,399103E+22	2,516802E+22	2,516798E+22	2,399105E+22	2,157605E+22	1,821802E+22	1,481693E+22	1,263621E+22	1,263627E+22	1,481708E+22	1,821815E+22
154	2,157592E+22	2,399057E+22	2,516711E+22	2,516681E+22	2,399004E+22	2,157562E+22	1,821799E+22	1,481702E+22	1,263627E+22	1,263620E+22	1,481679E+22	1,821757E+22
155	2,157518E+22	2,398994E+22	2,516714E+22	2,516759E+22	2,399090E+22	2,157613E+22	1,821825E+22	1,481713E+22	1,263627E+22	1,263614E+22	1,481680E+22	1,821786E+22
156	2,157599E+22	2,399107E+22	2,516786E+22	2,516779E+22	2,399067E+22	2,157559E+22	1,821760E+22	1,481658E+22	1,263598E+22	1,263622E+22	1,481723E+22	1,821834E+22
157	2,157595E+22	2,399029E+22	2,516661E+22	2,516664E+22	2,399027E+22	2,157574E+22	1,821784E+22	1,481667E+22	1,263577E+22	1,263563E+22	1,481640E+22	1,821754E+22
158	2,157552E+22	2,399060E+22	2,516774E+22	2,516787E+22	2,399114E+22	2,157629E+22	1,821804E+22	1,481652E+22	1,263544E+22	1,263537E+22	1,481636E+22	1,821796E+22
159	2,157641E+22	2,399140E+22	2,516814E+22	2,516784E+22	2,399042E+22	2,157534E+22	1,821738E+22	1,481611E+22	1,263515E+22	1,263519E+22	1,481619E+22	1,821755E+22
160	2,157568E+22	2,399050E+22	2,516713E+22	2,516743E+22	2,399082E+22	2,157584E+22	1,821768E+22	1,481624E+22	1,263506E+22	1,263486E+22	1,481576E+22	1,821704E+22
161	2,157530E+22	2,399092E+22	2,516835E+22	2,516851E+22	2,399159E+22	2,157625E+22	1,821759E+22	1,481591E+22	1,263486E+22	1,263497E+22	1,481622E+22	1,821786E+22
162	2,157598E+22	2,399081E+22	2,516762E+22	2,516747E+22	2,399059E+22	2,157581E+22	1,821752E+22	1,481582E+22	1,263466E+22	1,263471E+22	1,481586E+22	1,821735E+22
163	2,157542E+22	2,399013E+22	2,516706E+22	2,516759E+22	2,399110E+22	2,157625E+22	1,821796E+22	1,481620E+22	1,263484E+22	1,263464E+22	1,481569E+22	1,821736E+22
164	2,157605E+22	2,399143E+22	2,516815E+22	2,516802E+22	2,399097E+22	2,157575E+22	1,821739E+22	1,481588E+22	1,263488E+22	1,263502E+22	1,481629E+22	1,821794E+22
165	2,157613E+22	2,399089E+22	2,516721E+22	2,516684E+22	2,399015E+22	2,157549E+22	1,821749E+22	1,481617E+22	1,263513E+22	1,263500E+22	1,481588E+22	1,821717E+22
166	2,157526E+22	2,399045E+22	2,516778E+22	2,516797E+22	2,399104E+22	2,157607E+22	1,821788E+22	1,481645E+22	1,263541E+22	1,263534E+22	1,481627E+22	1,821772E+22
167	2,157609E+22	2,399122E+22	2,516820E+22	2,516813E+22	2,399067E+22	2,157535E+22	1,821731E+22	1,481622E+22	1,263554E+22	1,263577E+22	1,481679E+22	1,821794E+22
168	2,157570E+22	2,399022E+22	2,516670E+22	2,516695E+22	2,399055E+22	2,157583E+22	1,821791E+22	1,481678E+22	1,263593E+22	1,263588E+22	1,481663E+22	1,821752E+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												
169	2,157523E+22	2,399033E+22	2,516756E+22	2,516780E+22	2,399117E+22	2,157634E+22	1,821824E+22	1,481705E+22	1,263630E+22	1,263635E+22	1,481717E+22	1,821836E+22
170	2,157621E+22	2,399077E+22	2,516726E+22	2,516693E+22	2,399007E+22	2,157562E+22	1,821804E+22	1,481717E+22	1,263656E+22	1,263657E+22	1,481712E+22	1,821785E+22
171	2,157540E+22	2,398985E+22	2,516645E+22	2,516670E+22	2,399027E+22	2,157592E+22	1,821853E+22	1,481778E+22	1,263705E+22	1,263677E+22	1,481704E+22	1,821764E+22
172	2,157549E+22	2,399066E+22	2,516766E+22	2,516761E+22	2,399060E+22	2,157562E+22	1,821796E+22	1,481741E+22	1,263708E+22	1,263722E+22	1,481782E+22	1,821852E+22
173	2,157588E+22	2,399022E+22	2,516669E+22	2,516647E+22	2,398976E+22	2,157531E+22	1,821792E+22	1,481743E+22	1,263704E+22	1,263703E+22	1,481742E+22	1,821787E+22
174	2,157507E+22	2,398951E+22	2,516658E+22	2,516709E+22	2,399061E+22	2,157606E+22	1,821841E+22	1,481756E+22	1,263692E+22	1,263684E+22	1,481737E+22	1,821821E+22
175	2,157604E+22	2,399083E+22	2,516757E+22	2,516749E+22	2,399039E+22	2,157543E+22	1,821771E+22	1,481696E+22	1,263649E+22	1,263668E+22	1,481749E+22	1,821841E+22
176	2,157598E+22	2,399035E+22	2,516657E+22	2,516634E+22	2,398994E+22	2,157559E+22	1,821801E+22	1,481711E+22	1,263634E+22	1,263619E+22	1,481674E+22	1,821750E+22
177	2,157517E+22	2,399024E+22	2,516754E+22	2,516766E+22	2,399084E+22	2,157608E+22	1,821816E+22	1,481705E+22	1,263622E+22	1,263610E+22	1,481678E+22	1,821798E+22
178	2,157612E+22	2,399098E+22	2,516774E+22	2,516757E+22	2,399044E+22	2,157547E+22	1,821756E+22	1,481656E+22	1,263587E+22	1,263593E+22	1,481665E+22	1,821755E+22
179	2,157530E+22	2,398997E+22	2,516666E+22	2,516702E+22	2,399068E+22	2,157596E+22	1,821801E+22	1,481681E+22	1,263583E+22	1,263563E+22	1,481629E+22	1,821729E+22
180	2,157523E+22	2,399046E+22	2,516773E+22	2,516791E+22	2,399113E+22	2,157605E+22	1,821775E+22	1,481642E+22	1,263559E+22	1,263571E+22	1,481680E+22	1,821824E+22
181	2,157613E+22	2,399062E+22	2,516715E+22	2,516689E+22	2,399009E+22	2,157549E+22	1,821764E+22	1,481645E+22	1,263552E+22	1,263547E+22	1,481632E+22	1,821751E+22
182	2,157537E+22	2,398994E+22	2,516674E+22	2,516706E+22	2,399057E+22	2,157598E+22	1,821811E+22	1,481681E+22	1,263572E+22	1,263551E+22	1,481626E+22	1,821753E+22
183	2,157590E+22	2,399121E+22	2,516810E+22	2,516786E+22	2,399058E+22	2,157538E+22	1,821739E+22	1,481635E+22	1,263566E+22	1,263583E+22	1,481680E+22	1,821802E+22
184	2,157594E+22	2,399069E+22	2,516714E+22	2,516675E+22	2,399002E+22	2,157534E+22	1,821756E+22	1,481661E+22	1,263590E+22	1,263591E+22	1,481661E+22	1,821740E+22
185	2,157493E+22	2,398983E+22	2,516726E+22	2,516764E+22	2,399091E+22	2,157605E+22	1,821806E+22	1,481700E+22	1,263630E+22	1,263628E+22	1,481698E+22	1,821809E+22
186	2,157606E+22	2,399076E+22	2,516751E+22	2,516753E+22	2,399056E+22	2,157561E+22	1,821773E+22	1,481687E+22	1,263639E+22	1,263659E+22	1,481733E+22	1,821812E+22
187	2,157560E+22	2,398993E+22	2,516625E+22	2,516635E+22	2,399014E+22	2,157584E+22	1,821839E+22	1,481764E+22	1,263695E+22	1,263676E+22	1,481710E+22	1,821766E+22
188	2,157519E+22	2,399007E+22	2,516714E+22	2,516718E+22	2,399050E+22	2,157594E+22	1,821839E+22	1,481775E+22	1,263731E+22	1,263729E+22	1,481774E+22	1,821850E+22
189	2,157607E+22	2,399051E+22	2,516701E+22	2,516660E+22	2,398960E+22	2,157520E+22	1,821808E+22	1,481784E+22	1,263759E+22	1,263757E+22	1,481775E+22	1,821791E+22
190	2,157503E+22	2,398933E+22	2,516605E+22	2,516637E+22	2,399000E+22	2,157572E+22	1,821858E+22	1,481827E+22	1,263792E+22	1,263775E+22	1,481780E+22	1,821795E+22
191	2,157525E+22	2,399012E+22	2,516724E+22	2,516730E+22	2,399036E+22	2,157551E+22	1,821802E+22	1,481775E+22	1,263769E+22	1,263791E+22	1,481837E+22	1,821883E+22
192	2,157593E+22	2,399002E+22	2,516636E+22	2,516611E+22	2,398953E+22	2,157530E+22	1,821813E+22	1,481782E+22	1,263760E+22	1,263766E+22	1,481795E+22	1,821813E+22
193	2,157505E+22	2,398920E+22	2,516614E+22	2,516663E+22	2,399025E+22	2,157592E+22	1,821860E+22	1,481810E+22	1,263765E+22	1,263749E+22	1,481775E+22	1,821837E+22
194	2,157609E+22	2,399074E+22	2,516725E+22	2,516702E+22	2,399017E+22	2,157550E+22	1,821798E+22	1,481750E+22	1,263721E+22	1,263732E+22	1,481777E+22	1,821829E+22
195	2,157568E+22	2,399014E+22	2,516651E+22	2,516615E+22	2,398967E+22	2,157549E+22	1,821827E+22	1,481773E+22	1,263716E+22	1,263694E+22	1,481713E+22	1,821750E+22
196	2,157490E+22	2,398974E+22	2,516715E+22	2,516739E+22	2,399056E+22	2,157582E+22	1,821816E+22	1,481747E+22	1,263697E+22	1,263691E+22	1,481737E+22	1,821820E+22
197	2,157596E+22	2,399052E+22	2,516725E+22	2,516720E+22	2,399020E+22	2,157533E+22	1,821767E+22	1,481703E+22	1,263660E+22	1,263669E+22	1,481721E+22	1,821778E+22
198	2,157517E+22	2,398950E+22	2,516606E+22	2,516640E+22	2,399027E+22	2,157589E+22	1,821825E+22	1,481733E+22	1,263654E+22	1,263638E+22	1,481688E+22	1,821761E+22
199	2,157527E+22	2,399022E+22	2,516738E+22	2,516741E+22	2,399062E+22	2,157578E+22	1,821786E+22	1,481689E+22	1,263625E+22	1,263632E+22	1,481717E+22	1,821837E+22
200	2,157621E+22	2,399067E+22	2,516710E+22	2,516658E+22	2,398965E+22	2,157519E+22	1,821770E+22	1,481690E+22	1,263625E+22	1,263625E+22	1,481684E+22	1,821757E+22
201	2,157509E+22	2,398957E+22	2,516653E+22	2,516688E+22	2,399027E+22	2,157568E+22	1,821813E+22	1,481733E+22	1,263661E+22	1,263643E+22	1,481686E+22	1,821769E+22
202	2,157571E+22	2,399082E+22	2,516770E+22	2,516762E+22	2,399064E+22	2,157552E+22	1,821757E+22	1,481684E+22	1,263647E+22	1,263669E+22	1,481739E+22	1,821814E+22
203	2,157564E+22	2,399021E+22	2,516675E+22	2,516642E+22	2,398989E+22	2,157551E+22	1,821797E+22	1,481728E+22	1,263679E+22	1,263677E+22	1,481719E+22	1,821768E+22
204	2,157489E+22	2,398935E+22	2,516663E+22	2,516708E+22	2,399052E+22	2,157596E+22	1,821836E+22	1,481767E+22	1,263720E+22	1,263715E+22	1,481758E+22	1,821837E+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	2,157611E+22	2,399053E+22	2,516703E+22	2,516695E+22	2,399008E+22	2,157540E+22	1,821800E+22	1,481765E+22	1,263741E+22	1,263750E+22	1,481784E+22	1,821819E+22
206	2,157539E+22	2,398958E+22	2,516582E+22	2,516575E+22	2,398957E+22	2,157562E+22	1,821865E+22	1,481838E+22	1,263800E+22	1,263779E+22	1,481778E+22	1,821782E+22
207	2,157492E+22	2,398965E+22	2,516688E+22	2,516691E+22	2,399005E+22	2,157556E+22	1,821841E+22	1,481829E+22	1,263819E+22	1,263821E+22	1,481838E+22	1,821867E+22
208	2,157589E+22	2,399016E+22	2,516671E+22	2,516635E+22	2,398935E+22	2,157497E+22	1,821808E+22	1,481823E+22	1,263836E+22	1,263852E+22	1,481855E+22	1,821825E+22
209	2,157483E+22	2,398875E+22	2,516544E+22	2,516591E+22	2,398971E+22	2,157561E+22	1,821869E+22	1,481871E+22	1,263866E+22	1,263858E+22	1,481848E+22	1,821838E+22
210	2,157540E+22	2,398989E+22	2,516665E+22	2,516670E+22	2,399013E+22	2,157562E+22	1,821831E+22	1,481824E+22	1,263834E+22	1,263853E+22	1,481877E+22	1,821895E+22
211	2,157593E+22	2,398996E+22	2,516618E+22	2,516570E+22	2,398914E+22	2,157524E+22	1,821846E+22	1,481847E+22	1,263836E+22	1,263826E+22	1,481820E+22	1,821815E+22
212	2,157503E+22	2,398907E+22	2,516595E+22	2,516630E+22	2,398978E+22	2,157559E+22	1,821867E+22	1,481861E+22	1,263842E+22	1,263820E+22	1,481810E+22	1,821831E+22
213	2,157586E+22	2,399051E+22	2,516710E+22	2,516691E+22	2,398993E+22	2,157524E+22	1,821806E+22	1,481805E+22	1,263802E+22	1,263809E+22	1,481819E+22	1,821820E+22
214	2,157520E+22	2,398956E+22	2,516610E+22	2,516593E+22	2,398955E+22	2,157549E+22	1,821844E+22	1,481821E+22	1,263791E+22	1,263777E+22	1,481777E+22	1,821772E+22
215	2,157459E+22	2,398914E+22	2,516665E+22	2,516705E+22	2,399032E+22	2,157578E+22	1,821832E+22	1,481786E+22	1,263755E+22	1,263755E+22	1,481789E+22	1,821845E+22
216	2,157594E+22	2,399023E+22	2,516683E+22	2,516677E+22	2,398988E+22	2,157527E+22	1,821788E+22	1,481746E+22	1,263723E+22	1,263741E+22	1,481780E+22	1,821805E+22
217	2,157513E+22	2,398919E+22	2,516556E+22	2,516585E+22	2,398978E+22	2,157567E+22	1,821839E+22	1,481787E+22	1,263734E+22	1,263715E+22	1,481739E+22	1,821784E+22
218	2,157536E+22	2,399017E+22	2,516703E+22	2,516690E+22	2,399027E+22	2,157570E+22	1,821803E+22	1,481742E+22	1,263705E+22	1,263710E+22	1,481761E+22	1,821838E+22
219	2,157600E+22	2,399051E+22	2,516706E+22	2,516646E+22	2,398939E+22	2,157502E+22	1,821787E+22	1,481749E+22	1,263713E+22	1,263710E+22	1,481739E+22	1,821775E+22
220	2,157496E+22	2,398913E+22	2,516612E+22	2,516663E+22	2,399002E+22	2,157545E+22	1,821812E+22	1,481776E+22	1,263742E+22	1,263732E+22	1,481754E+22	1,821798E+22
221	2,157562E+22	2,399041E+22	2,516719E+22	2,516723E+22	2,399040E+22	2,157549E+22	1,821783E+22	1,481743E+22	1,263729E+22	1,263752E+22	1,481799E+22	1,821836E+22
222	2,157550E+22	2,398977E+22	2,516618E+22	2,516588E+22	2,398950E+22	2,157550E+22	1,821835E+22	1,481798E+22	1,263767E+22	1,263763E+22	1,481780E+22	1,821791E+22
223	2,157479E+22	2,398903E+22	2,516621E+22	2,516652E+22	2,398995E+22	2,157572E+22	1,821859E+22	1,481833E+22	1,263807E+22	1,263795E+22	1,481803E+22	1,821842E+22
224	2,157596E+22	2,399038E+22	2,516685E+22	2,516660E+22	2,398962E+22	2,157513E+22	1,821815E+22	1,481824E+22	1,263835E+22	1,263850E+22	1,481849E+22	1,821824E+22
225	2,157503E+22	2,398907E+22	2,516541E+22	2,516543E+22	2,398919E+22	2,157532E+22	1,821870E+22	1,481897E+22	1,263900E+22	1,263883E+22	1,481852E+22	1,821807E+22
226	2,157476E+22	2,398921E+22	2,516628E+22	2,516647E+22	2,398993E+22	2,157562E+22	1,821858E+22	1,481879E+22	1,263902E+22	1,263910E+22	1,481903E+22	1,821889E+22
227	2,157570E+22	2,398978E+22	2,516631E+22	2,516599E+22	2,398911E+22	2,157500E+22	1,821841E+22	1,481883E+22	1,263915E+22	1,263928E+22	1,481910E+22	1,821860E+22
228	2,157493E+22	2,398843E+22	2,516491E+22	2,516541E+22	2,398928E+22	2,157541E+22	1,821885E+22	1,481924E+22	1,263942E+22	1,263930E+22	1,481898E+22	1,821862E+22
229	2,157550E+22	2,398984E+22	2,516638E+22	2,516627E+22	2,398969E+22	2,157544E+22	1,821856E+22	1,481888E+22	1,263914E+22	1,263924E+22	1,481913E+22	1,821892E+22
230	2,157568E+22	2,398973E+22	2,516599E+22	2,516542E+22	2,398876E+22	2,157508E+22	1,821869E+22	1,481906E+22	1,263920E+22	1,263908E+22	1,481870E+22	1,821815E+22
231	2,157464E+22	2,398869E+22	2,516579E+22	2,516619E+22	2,398953E+22	2,157535E+22	1,821870E+22	1,481904E+22	1,263912E+22	1,263893E+22	1,481859E+22	1,821836E+22
232	2,157554E+22	2,399009E+22	2,516677E+22	2,516676E+22	2,398986E+22	2,157519E+22	1,821810E+22	1,481835E+22	1,263867E+22	1,263890E+22	1,481886E+22	1,821844E+22
233	2,157494E+22	2,398891E+22	2,516537E+22	2,516544E+22	2,398927E+22	2,157545E+22	1,821863E+22	1,481865E+22	1,263859E+22	1,263851E+22	1,481840E+22	1,821814E+22
234	2,157475E+22	2,398889E+22	2,516594E+22	2,516635E+22	2,398999E+22	2,157582E+22	1,821861E+22	1,481837E+22	1,263819E+22	1,263816E+22	1,481830E+22	1,821863E+22
235	2,157597E+22	2,399019E+22	2,516659E+22	2,516629E+22	2,398935E+22	2,157506E+22	1,821814E+22	1,481808E+22	1,263800E+22	1,263804E+22	1,481815E+22	1,821819E+22
236	2,157517E+22	2,398909E+22	2,516535E+22	2,516551E+22	2,398926E+22	2,157524E+22	1,821836E+22	1,481831E+22	1,263811E+22	1,263793E+22	1,481788E+22	1,821793E+22
237	2,157523E+22	2,399004E+22	2,516692E+22	2,516677E+22	2,398997E+22	2,157540E+22	1,821806E+22	1,481790E+22	1,263782E+22	1,263790E+22	1,481813E+22	1,821840E+22
238	2,157561E+22	2,399002E+22	2,516667E+22	2,516626E+22	2,398926E+22	2,157504E+22	1,821806E+22	1,481797E+22	1,263790E+22	1,263795E+22	1,481804E+22	1,821797E+22
239	2,157470E+22	2,398865E+22	2,516567E+22	2,516630E+22	2,398979E+22	2,157544E+22	1,821838E+22	1,481827E+22	1,263812E+22	1,263803E+22	1,481805E+22	1,821818E+22
240	2,157553E+22	2,399011E+22	2,516675E+22	2,516682E+22	2,399010E+22	2,157546E+22	1,821813E+22	1,481803E+22	1,263813E+22	1,263837E+22	1,481856E+22	1,821851E+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	2,157531E+22	2,398936E+22	2,516560E+22	2,516530E+22	2,398901E+22	2,157534E+22	1,821867E+22	1,481875E+22	1,263870E+22	1,263860E+22	1,481842E+22	1,821810E+22
242	2,157471E+22	2,398880E+22	2,516570E+22	2,516596E+22	2,398954E+22	2,157560E+22	1,821886E+22	1,481904E+22	1,263908E+22	1,263893E+22	1,481864E+22	1,821846E+22
243	2,157560E+22	2,399001E+22	2,516659E+22	2,516635E+22	2,398927E+22	2,157490E+22	1,821833E+22	1,481893E+22	1,263937E+22	1,263950E+22	1,481920E+22	1,821856E+22
244	2,157489E+22	2,398856E+22	2,516484E+22	2,516502E+22	2,398884E+22	2,157504E+22	1,821868E+22	1,481941E+22	1,263986E+22	1,263982E+22	1,481931E+22	1,821850E+22
245	2,157481E+22	2,398892E+22	2,516577E+22	2,516596E+22	2,398951E+22	2,157546E+22	1,821880E+22	1,481935E+22	1,263980E+22	1,263991E+22	1,481963E+22	1,821917E+22
246	2,157568E+22	2,398952E+22	2,516587E+22	2,516553E+22	2,398873E+22	2,157492E+22	1,821870E+22	1,481944E+22	1,263995E+22	1,264004E+22	1,481961E+22	1,821880E+22
247	2,157487E+22	2,398834E+22	2,516475E+22	2,516507E+22	2,398884E+22	2,157515E+22	1,821899E+22	1,481977E+22	1,264014E+22	1,263995E+22	1,481931E+22	1,821859E+22
248	2,157529E+22	2,398971E+22	2,516635E+22	2,516618E+22	2,398945E+22	2,157526E+22	1,821866E+22	1,481933E+22	1,263991E+22	1,264006E+22	1,481962E+22	1,821886E+22
249	2,157522E+22	2,398918E+22	2,516560E+22	2,516528E+22	2,398864E+22	2,157499E+22	1,821883E+22	1,481957E+22	1,264000E+22	1,263992E+22	1,481931E+22	1,821834E+22
250	2,157441E+22	2,398818E+22	2,516507E+22	2,516574E+22	2,398951E+22	2,157552E+22	1,821897E+22	1,481950E+22	1,263979E+22	1,263965E+22	1,481913E+22	1,821854E+22
251	2,157530E+22	2,398964E+22	2,516627E+22	2,516635E+22	2,398963E+22	2,157525E+22	1,821847E+22	1,481893E+22	1,263936E+22	1,263953E+22	1,481935E+22	1,821882E+22
252	2,157508E+22	2,398862E+22	2,516477E+22	2,516481E+22	2,398874E+22	2,157514E+22	1,821871E+22	1,481912E+22	1,263928E+22	1,263918E+22	1,481887E+22	1,821841E+22
253	2,157490E+22	2,398892E+22	2,516566E+22	2,516580E+22	2,398936E+22	2,157546E+22	1,821877E+22	1,481894E+22	1,263894E+22	1,263884E+22	1,481869E+22	1,821866E+22
254	2,157579E+22	2,399006E+22	2,516648E+22	2,516606E+22	2,398892E+22	2,157476E+22	1,821823E+22	1,481859E+22	1,263878E+22	1,263883E+22	1,481868E+22	1,821828E+22
255	2,157487E+22	2,398883E+22	2,516525E+22	2,516542E+22	2,398901E+22	2,157492E+22	1,821829E+22	1,481865E+22	1,263876E+22	1,263865E+22	1,481839E+22	1,821805E+22
256	2,157497E+22	2,398968E+22	2,516664E+22	2,516666E+22	2,398994E+22	2,157540E+22	1,821815E+22	1,481822E+22	1,263849E+22	1,263872E+22	1,481875E+22	1,821861E+22
257	2,157536E+22	2,398945E+22	2,516602E+22	2,516583E+22	2,398906E+22	2,157508E+22	1,821838E+22	1,481854E+22	1,263867E+22	1,263874E+22	1,481863E+22	1,821828E+22
258	2,157473E+22	2,398838E+22	2,516495E+22	2,516563E+22	2,398950E+22	2,157551E+22	1,821879E+22	1,481899E+22	1,263898E+22	1,263879E+22	1,481849E+22	1,821823E+22
259	2,157531E+22	2,398989E+22	2,516645E+22	2,516639E+22	2,398965E+22	2,157530E+22	1,821849E+22	1,481885E+22	1,263915E+22	1,263923E+22	1,481904E+22	1,821864E+22
260	2,157516E+22	2,398899E+22	2,516518E+22	2,516488E+22	2,398848E+22	2,157490E+22	1,821870E+22	1,481938E+22	1,263974E+22	1,263965E+22	1,481912E+22	1,821829E+22
261	2,157451E+22	2,398848E+22	2,516534E+22	2,516560E+22	2,398911E+22	2,157529E+22	1,821899E+22	1,481967E+22	1,264005E+22	1,263996E+22	1,481940E+22	1,821869E+22
262	2,157529E+22	2,398947E+22	2,516607E+22	2,516596E+22	2,398900E+22	2,157484E+22	1,821854E+22	1,481948E+22	1,264025E+22	1,264047E+22	1,482000E+22	1,821895E+22
263	2,157478E+22	2,398822E+22	2,516443E+22	2,516459E+22	2,398849E+22	2,157490E+22	1,821885E+22	1,481989E+22	1,264056E+22	1,264055E+22	1,481987E+22	1,821881E+22
264	2,157488E+22	2,398881E+22	2,516547E+22	2,516561E+22	2,398924E+22	2,157535E+22	1,821897E+22	1,481984E+22	1,264058E+22	1,264071E+22	1,482013E+22	1,821930E+22
265	2,157555E+22	2,398924E+22	2,516547E+22	2,516512E+22	2,398839E+22	2,157481E+22	1,821897E+22	1,482010E+22	1,264083E+22	1,264086E+22	1,482010E+22	1,821891E+22
266	2,157476E+22	2,398815E+22	2,516439E+22	2,516476E+22	2,398866E+22	2,157510E+22	1,821924E+22	1,482039E+22	1,264099E+22	1,264074E+22	1,481977E+22	1,821855E+22
267	2,157484E+22	2,398926E+22	2,516609E+22	2,516605E+22	2,398930E+22	2,157516E+22	1,821888E+22	1,481994E+22	1,264074E+22	1,264083E+22	1,482017E+22	1,821911E+22
268	2,157501E+22	2,398856E+22	2,516493E+22	2,516480E+22	2,398837E+22	2,157483E+22	1,821889E+22	1,481998E+22	1,264071E+22	1,264073E+22	1,481996E+22	1,821872E+22
269	2,157445E+22	2,398790E+22	2,516450E+22	2,516507E+22	2,398897E+22	2,157535E+22	1,821922E+22	1,482001E+22	1,264043E+22	1,264030E+22	1,481962E+22	1,821878E+22
270	2,157527E+22	2,398940E+22	2,516579E+22	2,516573E+22	2,398909E+22	2,157502E+22	1,821867E+22	1,481947E+22	1,264006E+22	1,264018E+22	1,481977E+22	1,821897E+22
271	2,157504E+22	2,398864E+22	2,516470E+22	2,516444E+22	2,398821E+22	2,157473E+22	1,821867E+22	1,481950E+22	1,263991E+22	1,263977E+22	1,481919E+22	1,821842E+22
272	2,157477E+22	2,398889E+22	2,516573E+22	2,516578E+22	2,398912E+22	2,157512E+22	1,821866E+22	1,481923E+22	1,263963E+22	1,263961E+22	1,481915E+22	1,821865E+22
273	2,157540E+22	2,398958E+22	2,516616E+22	2,516598E+22	2,398890E+22	2,157469E+22	1,821832E+22	1,481902E+22	1,263950E+22	1,263961E+22	1,481925E+22	1,821848E+22
274	2,157468E+22	2,398839E+22	2,516469E+22	2,516513E+22	2,398908E+22	2,157512E+22	1,821860E+22	1,481915E+22	1,263945E+22	1,263935E+22	1,481889E+22	1,821818E+22
275	2,157467E+22	2,398918E+22	2,516618E+22	2,516634E+22	2,398979E+22	2,157552E+22	1,821862E+22	1,481894E+22	1,263930E+22	1,263940E+22	1,481922E+22	1,821889E+22
276	2,157534E+22	2,398904E+22	2,516536E+22	2,516519E+22	2,398864E+22	2,157491E+22	1,821863E+22	1,481923E+22	1,263961E+22	1,263963E+22	1,481921E+22	1,821850E+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	2,157472E+22	2,398825E+22	2,516456E+22	2,516493E+22	2,398882E+22	2,157524E+22	1,821911E+22	1,481977E+22	1,264000E+22	1,263975E+22	1,481908E+22	1,821832E+22
278	2,157501E+22	2,398949E+22	2,516611E+22	2,516598E+22	2,398917E+22	2,157499E+22	1,821866E+22	1,481956E+22	1,264021E+22	1,264031E+22	1,481981E+22	1,821887E+22
279	2,157488E+22	2,398862E+22	2,516488E+22	2,516457E+22	2,398811E+22	2,157451E+22	1,821862E+22	1,481983E+22	1,264060E+22	1,264062E+22	1,481988E+22	1,821865E+22
280	2,157441E+22	2,398812E+22	2,516495E+22	2,516529E+22	2,398890E+22	2,157513E+22	1,821899E+22	1,482003E+22	1,264083E+22	1,264091E+22	1,482015E+22	1,821908E+22
281	2,157525E+22	2,398904E+22	2,516548E+22	2,516544E+22	2,398869E+22	2,157480E+22	1,821883E+22	1,482007E+22	1,264104E+22	1,264128E+22	1,482061E+22	1,821932E+22
282	2,157494E+22	2,398811E+22	2,516394E+22	2,516403E+22	2,398819E+22	2,157488E+22	1,821919E+22	1,482055E+22	1,264138E+22	1,264124E+22	1,482023E+22	1,821881E+22
283	2,157468E+22	2,398867E+22	2,516539E+22	2,516539E+22	2,398894E+22	2,157525E+22	1,821931E+22	1,482059E+22	1,264149E+22	1,264143E+22	1,482049E+22	1,821933E+22
284	2,157532E+22	2,398888E+22	2,516514E+22	2,516485E+22	2,398810E+22	2,157452E+22	1,821902E+22	1,482066E+22	1,264173E+22	1,264176E+22	1,482065E+22	1,821896E+22
285	2,157445E+22	2,398775E+22	2,516399E+22	2,516435E+22	2,398834E+22	2,157498E+22	1,821946E+22	1,482096E+22	1,264181E+22	1,264159E+22	1,482037E+22	1,821868E+22
286	2,157444E+22	2,398859E+22	2,516551E+22	2,516562E+22	2,398909E+22	2,157518E+22	1,821914E+22	1,482047E+22	1,264150E+22	1,264162E+22	1,482079E+22	1,821939E+22
287	2,157488E+22	2,398820E+22	2,516446E+22	2,516426E+22	2,398792E+22	2,157459E+22	1,821899E+22	1,482040E+22	1,264132E+22	1,264134E+22	1,482043E+22	1,821899E+22
288	2,157454E+22	2,398781E+22	2,516423E+22	2,516463E+22	2,398855E+22	2,157508E+22	1,821924E+22	1,482039E+22	1,264111E+22	1,264100E+22	1,482005E+22	1,821891E+22
289	2,157520E+22	2,398922E+22	2,516553E+22	2,516532E+22	2,398866E+22	2,157478E+22	1,821878E+22	1,481996E+22	1,264079E+22	1,264090E+22	1,482023E+22	1,821910E+22
290	2,157497E+22	2,398851E+22	2,516451E+22	2,516426E+22	2,398807E+22	2,157457E+22	1,821875E+22	1,481994E+22	1,264060E+22	1,264045E+22	1,481960E+22	1,821841E+22
291	2,157440E+22	2,398851E+22	2,516559E+22	2,516580E+22	2,398916E+22	2,157511E+22	1,821879E+22	1,481970E+22	1,264033E+22	1,264027E+22	1,481964E+22	1,821891E+22
292	2,157524E+22	2,398901E+22	2,516553E+22	2,516558E+22	2,398879E+22	2,157467E+22	1,821846E+22	1,481945E+22	1,264020E+22	1,264038E+22	1,481984E+22	1,821879E+22
293	2,157470E+22	2,398811E+22	2,516416E+22	2,516446E+22	2,398861E+22	2,157509E+22	1,821903E+22	1,481982E+22	1,264022E+22	1,264008E+22	1,481939E+22	1,821837E+22
294	2,157453E+22	2,398879E+22	2,516568E+22	2,516573E+22	2,398930E+22	2,157539E+22	1,821897E+22	1,481970E+22	1,264025E+22	1,264025E+22	1,481973E+22	1,821898E+22
295	2,157516E+22	2,398888E+22	2,516515E+22	2,516470E+22	2,398805E+22	2,157451E+22	1,821870E+22	1,481983E+22	1,264053E+22	1,264052E+22	1,481975E+22	1,821861E+22
296	2,157454E+22	2,398804E+22	2,516442E+22	2,516470E+22	2,398846E+22	2,157486E+22	1,821903E+22	1,482023E+22	1,264094E+22	1,264080E+22	1,481979E+22	1,821850E+22
297	2,157471E+22	2,398893E+22	2,516558E+22	2,516560E+22	2,398895E+22	2,157488E+22	1,821879E+22	1,482009E+22	1,264111E+22	1,264130E+22	1,482059E+22	1,821927E+22
298	2,157486E+22	2,398822E+22	2,516432E+22	2,516418E+22	2,398801E+22	2,157456E+22	1,821888E+22	1,482037E+22	1,264139E+22	1,264142E+22	1,482047E+22	1,821893E+22
299	2,157434E+22	2,398782E+22	2,516460E+22	2,516497E+22	2,398867E+22	2,157511E+22	1,821933E+22	1,482072E+22	1,264167E+22	1,264161E+22	1,482063E+22	1,821939E+22
300	2,157529E+22	2,398875E+22	2,516496E+22	2,516488E+22	2,398831E+22	2,157463E+22	1,821906E+22	1,482075E+22	1,264198E+22	1,264214E+22	1,482112E+22	1,821946E+22
301	2,157490E+22	2,398805E+22	2,516377E+22	2,516354E+22	2,398763E+22	2,157470E+22	1,821954E+22	1,482130E+22	1,264233E+22	1,264214E+22	1,482073E+22	1,821878E+22
302	2,157423E+22	2,398815E+22	2,516508E+22	2,516514E+22	2,398862E+22	2,157505E+22	1,821951E+22	1,482128E+22	1,264248E+22	1,264241E+22	1,482111E+22	1,821937E+22
303	2,157490E+22	2,398839E+22	2,516476E+22	2,516453E+22	2,398786E+22	2,157431E+22	1,821902E+22	1,482107E+22	1,264251E+22	1,264262E+22	1,482131E+22	1,821924E+22
304	2,157430E+22	2,398731E+22	2,516351E+22	2,516392E+22	2,398808E+22	2,157486E+22	1,821947E+22	1,482129E+22	1,264250E+22	1,264242E+22	1,482100E+22	1,821901E+22
305	2,157440E+22	2,398812E+22	2,516481E+22	2,516496E+22	2,398868E+22	2,157508E+22	1,821937E+22	1,482098E+22	1,264218E+22	1,264229E+22	1,482130E+22	1,821973E+22
306	2,157507E+22	2,398810E+22	2,516406E+22	2,516378E+22	2,398755E+22	2,157441E+22	1,821914E+22	1,482089E+22	1,264198E+22	1,264191E+22	1,482072E+22	1,821902E+22
307	2,157443E+22	2,398774E+22	2,516426E+22	2,516452E+22	2,398826E+22	2,157485E+22	1,821934E+22	1,482090E+22	1,264180E+22	1,264159E+22	1,482039E+22	1,821900E+22
308	2,157503E+22	2,398889E+22	2,516528E+22	2,516515E+22	2,398848E+22	2,157455E+22	1,821876E+22	1,482035E+22	1,264151E+22	1,264167E+22	1,482074E+22	1,821920E+22
309	2,157477E+22	2,398822E+22	2,516426E+22	2,516395E+22	2,398786E+22	2,157460E+22	1,821900E+22	1,482040E+22	1,264127E+22	1,264117E+22	1,482011E+22	1,821853E+22
310	2,157407E+22	2,398790E+22	2,516507E+22	2,516545E+22	2,398904E+22	2,157524E+22	1,821915E+22	1,482028E+22	1,264107E+22	1,264101E+22	1,482015E+22	1,821906E+22
311	2,157511E+22	2,398870E+22	2,516508E+22	2,516506E+22	2,398843E+22	2,157456E+22	1,821866E+22	1,481998E+22	1,264093E+22	1,264106E+22	1,482029E+22	1,821899E+22
312	2,157471E+22	2,398794E+22	2,516383E+22	2,516395E+22	2,398816E+22	2,157488E+22	1,821914E+22	1,482039E+22	1,264113E+22	1,264097E+22	1,481991E+22	1,821849E+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	2,157437E+22	2,398844E+22	2,516526E+22	2,516520E+22	2,398880E+22	2,157515E+22	1,821919E+22	1,482039E+22	1,264122E+22	1,264122E+22	1,482038E+22	1,821919E+22
314	2,157504E+22	2,398854E+22	2,516480E+22	2,516441E+22	2,398775E+22	2,157424E+22	1,821877E+22	1,482039E+22	1,264144E+22	1,264146E+22	1,482040E+22	1,821878E+22
315	2,157426E+22	2,398760E+22	2,516414E+22	2,516455E+22	2,398833E+22	2,157475E+22	1,821913E+22	1,482074E+22	1,264177E+22	1,264167E+22	1,482050E+22	1,821894E+22
316	2,157470E+22	2,398844E+22	2,516494E+22	2,516504E+22	2,398863E+22	2,157475E+22	1,821891E+22	1,482058E+22	1,264192E+22	1,264219E+22	1,482127E+22	1,821965E+22
317	2,157498E+22	2,398807E+22	2,516390E+22	2,516350E+22	2,398744E+22	2,157448E+22	1,821927E+22	1,482105E+22	1,264222E+22	1,264221E+22	1,482096E+22	1,821906E+22
318	2,157422E+22	2,398753E+22	2,516426E+22	2,516453E+22	2,398828E+22	2,157500E+22	1,821966E+22	1,482149E+22	1,264265E+22	1,264248E+22	1,482107E+22	1,821933E+22
319	2,157504E+22	2,398859E+22	2,516482E+22	2,516456E+22	2,398788E+22	2,157432E+22	1,821913E+22	1,482134E+22	1,264290E+22	1,264302E+22	1,482162E+22	1,821946E+22
320	2,157456E+22	2,398767E+22	2,516358E+22	2,516339E+22	2,398742E+22	2,157448E+22	1,821954E+22	1,482180E+22	1,264327E+22	1,264314E+22	1,482139E+22	1,821889E+22
321	2,157381E+22	2,398740E+22	2,516442E+22	2,516472E+22	2,398846E+22	2,157508E+22	1,821975E+22	1,482182E+22	1,264332E+22	1,264332E+22	1,482184E+22	1,821970E+22
322	2,157478E+22	2,398783E+22	2,516409E+22	2,516406E+22	2,398765E+22	2,157433E+22	1,821929E+22	1,482158E+22	1,264321E+22	1,264333E+22	1,482185E+22	1,821950E+22
323	2,157426E+22	2,398701E+22	2,516310E+22	2,516351E+22	2,398777E+22	2,157478E+22	1,821971E+22	1,482184E+22	1,264318E+22	1,264301E+22	1,482145E+22	1,821934E+22
324	2,157454E+22	2,398794E+22	2,516432E+22	2,516432E+22	2,398816E+22	2,157482E+22	1,821946E+22	1,482148E+22	1,264293E+22	1,264302E+22	1,482175E+22	1,821989E+22
325	2,157514E+22	2,398816E+22	2,516400E+22	2,516337E+22	2,398699E+22	2,157417E+22	1,821934E+22	1,482142E+22	1,264271E+22	1,264263E+22	1,482115E+22	1,821902E+22
326	2,157413E+22	2,398738E+22	2,516410E+22	2,516445E+22	2,398809E+22	2,157467E+22	1,821942E+22	1,482137E+22	1,264256E+22	1,264236E+22	1,482089E+22	1,821902E+22
327	2,157474E+22	2,398854E+22	2,516499E+22	2,516493E+22	2,398835E+22	2,157445E+22	1,821875E+22	1,482065E+22	1,264211E+22	1,264235E+22	1,482127E+22	1,821943E+22
328	2,157468E+22	2,398788E+22	2,516390E+22	2,516363E+22	2,398766E+22	2,157458E+22	1,821911E+22	1,482077E+22	1,264193E+22	1,264189E+22	1,482062E+22	1,821875E+22
329	2,157399E+22	2,398744E+22	2,516439E+22	2,516480E+22	2,398864E+22	2,157524E+22	1,821952E+22	1,482092E+22	1,264185E+22	1,264173E+22	1,482062E+22	1,821923E+22
330	2,157511E+22	2,398848E+22	2,516469E+22	2,516462E+22	2,398803E+22	2,157440E+22	1,821890E+22	1,482062E+22	1,264178E+22	1,264181E+22	1,482067E+22	1,821898E+22
331	2,157450E+22	2,398774E+22	2,516374E+22	2,516378E+22	2,398778E+22	2,157458E+22	1,821924E+22	1,482099E+22	1,264200E+22	1,264178E+22	1,482045E+22	1,821865E+22
332	2,157415E+22	2,398796E+22	2,516477E+22	2,516481E+22	2,398845E+22	2,157486E+22	1,821919E+22	1,482089E+22	1,264214E+22	1,264222E+22	1,482111E+22	1,821945E+22
333	2,157491E+22	2,398820E+22	2,516441E+22	2,516397E+22	2,398740E+22	2,157420E+22	1,821902E+22	1,482092E+22	1,264225E+22	1,264236E+22	1,482111E+22	1,821906E+22
334	2,157406E+22	2,398705E+22	2,516362E+22	2,516415E+22	2,398806E+22	2,157474E+22	1,821943E+22	1,482137E+22	1,264264E+22	1,264254E+22	1,482110E+22	1,821915E+22
335	2,157467E+22	2,398824E+22	2,516452E+22	2,516452E+22	2,398822E+22	2,157460E+22	1,821910E+22	1,482116E+22	1,264276E+22	1,264300E+22	1,482179E+22	1,821984E+22
336	2,157499E+22	2,398798E+22	2,516371E+22	2,516312E+22	2,398704E+22	2,157429E+22	1,821940E+22	1,482167E+22	1,264320E+22	1,264315E+22	1,482149E+22	1,821910E+22
337	2,157396E+22	2,398711E+22	2,516385E+22	2,516412E+22	2,398791E+22	2,157488E+22	1,821996E+22	1,482222E+22	1,264367E+22	1,264348E+22	1,482171E+22	1,821943E+22
338	2,157473E+22	2,398808E+22	2,516442E+22	2,516439E+22	2,398773E+22	2,157419E+22	1,821928E+22	1,482193E+22	1,264382E+22	1,264395E+22	1,482226E+22	1,821961E+22
339	2,157423E+22	2,398709E+22	2,516312E+22	2,516316E+22	2,398729E+22	2,157446E+22	1,821973E+22	1,482232E+22	1,264405E+22	1,264397E+22	1,482211E+22	1,821934E+22
340	2,157379E+22	2,398684E+22	2,516358E+22	2,516399E+22	2,398801E+22	2,157498E+22	1,821996E+22	1,482234E+22	1,264408E+22	1,264414E+22	1,482249E+22	1,822010E+22
341	2,157497E+22	2,398775E+22	2,516363E+22	2,516330E+22	2,398697E+22	2,157418E+22	1,821962E+22	1,482217E+22	1,264394E+22	1,264402E+22	1,482230E+22	1,821965E+22
342	2,157423E+22	2,398688E+22	2,516288E+22	2,516313E+22	2,398730E+22	2,157452E+22	1,821987E+22	1,482241E+22	1,264398E+22	1,264374E+22	1,482181E+22	1,821929E+22
343	2,157442E+22	2,398797E+22	2,516431E+22	2,516411E+22	2,398775E+22	2,157445E+22	1,821937E+22	1,482183E+22	1,264361E+22	1,264372E+22	1,482217E+22	1,821990E+22
344	2,157491E+22	2,398795E+22	2,516396E+22	2,516340E+22	2,398690E+22	2,157398E+22	1,821925E+22	1,482172E+22	1,264340E+22	1,264338E+22	1,482164E+22	1,821909E+22
345	2,157380E+22	2,398682E+22	2,516360E+22	2,516421E+22	2,398806E+22	2,157482E+22	1,821969E+22	1,482183E+22	1,264321E+22	1,264306E+22	1,482142E+22	1,821923E+22
346	2,157458E+22	2,398805E+22	2,516446E+22	2,516465E+22	2,398822E+22	2,157453E+22	1,821907E+22	1,482116E+22	1,264274E+22	1,264293E+22	1,482164E+22	1,821953E+22
347	2,157454E+22	2,398755E+22	2,516351E+22	2,516331E+22	2,398740E+22	2,157457E+22	1,821943E+22	1,482139E+22	1,264264E+22	1,264252E+22	1,482108E+22	1,821898E+22
348	2,157396E+22	2,398713E+22	2,516380E+22	2,516413E+22	2,398807E+22	2,157500E+22	1,821970E+22	1,482153E+22	1,264273E+22	1,264260E+22	1,482118E+22	1,821936E+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	2,157500E+22	2,398833E+22	2,516443E+22	2,516408E+22	2,398738E+22	2,157412E+22	1,821912E+22	1,482123E+22	1,264267E+22	1,264273E+22	1,482130E+22	1,821908E+22
350	2,157417E+22	2,398726E+22	2,516339E+22	2,516357E+22	2,398753E+22	2,157435E+22	1,821928E+22	1,482151E+22	1,264291E+22	1,264276E+22	1,482115E+22	1,821885E+22
351	2,157401E+22	2,398765E+22	2,516431E+22	2,516440E+22	2,398812E+22	2,157464E+22	1,821915E+22	1,482123E+22	1,264287E+22	1,264307E+22	1,482181E+22	1,821984E+22
352	2,157496E+22	2,398796E+22	2,516402E+22	2,516357E+22	2,398707E+22	2,157405E+22	1,821910E+22	1,482138E+22	1,264303E+22	1,264318E+22	1,482169E+22	1,821934E+22
353	2,157407E+22	2,398675E+22	2,516308E+22	2,516359E+22	2,398765E+22	2,157470E+22	1,821980E+22	1,482207E+22	1,264351E+22	1,264333E+22	1,482161E+22	1,821930E+22
354	2,157458E+22	2,398801E+22	2,516425E+22	2,516424E+22	2,398787E+22	2,157446E+22	1,821938E+22	1,482186E+22	1,264368E+22	1,264381E+22	1,482220E+22	1,821977E+22
355	2,157465E+22	2,398767E+22	2,516358E+22	2,516307E+22	2,398683E+22	2,157416E+22	1,821964E+22	1,482234E+22	1,264414E+22	1,264406E+22	1,482211E+22	1,821924E+22
356	2,157362E+22	2,398651E+22	2,516318E+22	2,516367E+22	2,398764E+22	2,157477E+22	1,822013E+22	1,482284E+22	1,264465E+22	1,264452E+22	1,482248E+22	1,821968E+22
357	2,157450E+22	2,398761E+22	2,516384E+22	2,516379E+22	2,398733E+22	2,157423E+22	1,821966E+22	1,482255E+22	1,264467E+22	1,264486E+22	1,482296E+22	1,821991E+22
358	2,157407E+22	2,398657E+22	2,516251E+22	2,516267E+22	2,398693E+22	2,157437E+22	1,822002E+22	1,482296E+22	1,264491E+22	1,264480E+22	1,482267E+22	1,821958E+22
359	2,157387E+22	2,398676E+22	2,516312E+22	2,516336E+22	2,398743E+22	2,157466E+22	1,822004E+22	1,482284E+22	1,264483E+22	1,264487E+22	1,482299E+22	1,822033E+22
360	2,157506E+22	2,398782E+22	2,516356E+22	2,516298E+22	2,398650E+22	2,157383E+22	1,821960E+22	1,482264E+22	1,264474E+22	1,264479E+22	1,482275E+22	1,821971E+22
361	2,157404E+22	2,398665E+22	2,516267E+22	2,516290E+22	2,398697E+22	2,157431E+22	1,822000E+22	1,482291E+22	1,264474E+22	1,264451E+22	1,482233E+22	1,821937E+22
362	2,157413E+22	2,398757E+22	2,516410E+22	2,516418E+22	2,398775E+22	2,157436E+22	1,821944E+22	1,482221E+22	1,264426E+22	1,264440E+22	1,482263E+22	1,821998E+22
363	2,157461E+22	2,398750E+22	2,516364E+22	2,516336E+22	2,398695E+22	2,157408E+22	1,821943E+22	1,482208E+22	1,264394E+22	1,264397E+22	1,482217E+22	1,821938E+22
364	2,157371E+22	2,398630E+22	2,516278E+22	2,516354E+22	2,398771E+22	2,157482E+22	1,821999E+22	1,482235E+22	1,264389E+22	1,264373E+22	1,482192E+22	1,821945E+22
365	2,157457E+22	2,398787E+22	2,516399E+22	2,516395E+22	2,398766E+22	2,157447E+22	1,821947E+22	1,482180E+22	1,264350E+22	1,264360E+22	1,482203E+22	1,821958E+22
366	2,157434E+22	2,398727E+22	2,516318E+22	2,516292E+22	2,398693E+22	2,157429E+22	1,821961E+22	1,482203E+22	1,264354E+22	1,264335E+22	1,482152E+22	1,821896E+22
367	2,157378E+22	2,398699E+22	2,516354E+22	2,516375E+22	2,398755E+22	2,157457E+22	1,821964E+22	1,482196E+22	1,264354E+22	1,264348E+22	1,482181E+22	1,821954E+22
368	2,157481E+22	2,398807E+22	2,516419E+22	2,516389E+22	2,398714E+22	2,157385E+22	1,821903E+22	1,482161E+22	1,264348E+22	1,264363E+22	1,482198E+22	1,821935E+22
369	2,157396E+22	2,398676E+22	2,516282E+22	2,516317E+22	2,398733E+22	2,157437E+22	1,821953E+22	1,482201E+22	1,264365E+22	1,264358E+22	1,482181E+22	1,821919E+22
370	2,157397E+22	2,398728E+22	2,516386E+22	2,516412E+22	2,398791E+22	2,157461E+22	1,821942E+22	1,482179E+22	1,264360E+22	1,264376E+22	1,482226E+22	1,822002E+22
371	2,157492E+22	2,398776E+22	2,516372E+22	2,516333E+22	2,398686E+22	2,157403E+22	1,821943E+22	1,482203E+22	1,264384E+22	1,264392E+22	1,482220E+22	1,821953E+22
372	2,157397E+22	2,398649E+22	2,516258E+22	2,516302E+22	2,398717E+22	2,157455E+22	1,822012E+22	1,482284E+22	1,264455E+22	1,264432E+22	1,482221E+22	1,821937E+22
373	2,157431E+22	2,398774E+22	2,516398E+22	2,516381E+22	2,398739E+22	2,157432E+22	1,821973E+22	1,482263E+22	1,264473E+22	1,264484E+22	1,482287E+22	1,821984E+22
374	2,157419E+22	2,398703E+22	2,516310E+22	2,516284E+22	2,398665E+22	2,157404E+22	1,821984E+22	1,482303E+22	1,264518E+22	1,264514E+22	1,482286E+22	1,821947E+22
375	2,157346E+22	2,398610E+22	2,516250E+22	2,516303E+22	2,398721E+22	2,157458E+22	1,822022E+22	1,482330E+22	1,264547E+22	1,264546E+22	1,482325E+22	1,822012E+22
376	2,157456E+22	2,398735E+22	2,516332E+22	2,516320E+22	2,398684E+22	2,157398E+22	1,821976E+22	1,482308E+22	1,264549E+22	1,264567E+22	1,482355E+22	1,822023E+22
377	2,157413E+22	2,398638E+22	2,516205E+22	2,516209E+22	2,398643E+22	2,157417E+22	1,822024E+22	1,482356E+22	1,264570E+22	1,264554E+22	1,482315E+22	1,821976E+22
378	2,157385E+22	2,398667E+22	2,516306E+22	2,516321E+22	2,398703E+22	2,157430E+22	1,822008E+22	1,482332E+22	1,264556E+22	1,264554E+22	1,482332E+22	1,822028E+22
379	2,157479E+22	2,398760E+22	2,516356E+22	2,516312E+22	2,398646E+22	2,157368E+22	1,821966E+22	1,482304E+22	1,264538E+22	1,264547E+22	1,482326E+22	1,821982E+22
380	2,157373E+22	2,398616E+22	2,516218E+22	2,516264E+22	2,398689E+22	2,157431E+22	1,822014E+22	1,482333E+22	1,264543E+22	1,264526E+22	1,482290E+22	1,821953E+22
381	2,157386E+22	2,398712E+22	2,516361E+22	2,516368E+22	2,398752E+22	2,157454E+22	1,821985E+22	1,482272E+22	1,264489E+22	1,264503E+22	1,482309E+22	1,822012E+22
382	2,157436E+22	2,398698E+22	2,516306E+22	2,516295E+22	2,398675E+22	2,157412E+22	1,821980E+22	1,482272E+22	1,264469E+22	1,264465E+22	1,482255E+22	1,821949E+22
383	2,157373E+22	2,398619E+22	2,516223E+22	2,516282E+22	2,398714E+22	2,157455E+22	1,822011E+22	1,482286E+22	1,264464E+22	1,264445E+22	1,482239E+22	1,821962E+22
384	2,157453E+22	2,398778E+22	2,516376E+22	2,516352E+22	2,398711E+22	2,157405E+22	1,821948E+22	1,482233E+22	1,264435E+22	1,264441E+22	1,482255E+22	1,821969E+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	2,157412E+22	2,398695E+22	2,516287E+22	2,516262E+22	2,398655E+22	2,157398E+22	1,821968E+22	1,482254E+22	1,264436E+22	1,264422E+22	1,482218E+22	1,821920E+22
386	2,157355E+22	2,398657E+22	2,516327E+22	2,516366E+22	2,398737E+22	2,157432E+22	1,821961E+22	1,482232E+22	1,264423E+22	1,264425E+22	1,482240E+22	1,821981E+22
387	2,157468E+22	2,398771E+22	2,516385E+22	2,516371E+22	2,398707E+22	2,157387E+22	1,821920E+22	1,482199E+22	1,264406E+22	1,264432E+22	1,482262E+22	1,821975E+22
388	2,157400E+22	2,398645E+22	2,516217E+22	2,516251E+22	2,398693E+22	2,157432E+22	1,821984E+22	1,482262E+22	1,264444E+22	1,264434E+22	1,482233E+22	1,821941E+22
389	2,157398E+22	2,398720E+22	2,516354E+22	2,516351E+22	2,398741E+22	2,157457E+22	1,821986E+22	1,482256E+22	1,264452E+22	1,264455E+22	1,482266E+22	1,821999E+22
390	2,157463E+22	2,398746E+22	2,516349E+22	2,516311E+22	2,398658E+22	2,157386E+22	1,821971E+22	1,482284E+22	1,264494E+22	1,264490E+22	1,482268E+22	1,821946E+22
391	2,157367E+22	2,398619E+22	2,516218E+22	2,516262E+22	2,398679E+22	2,157426E+22	1,822020E+22	1,482345E+22	1,264556E+22	1,264539E+22	1,482296E+22	1,821957E+22
392	2,157397E+22	2,398723E+22	2,516355E+22	2,516352E+22	2,398716E+22	2,157413E+22	1,821981E+22	1,482321E+22	1,264571E+22	1,264587E+22	1,482365E+22	1,822017E+22
393	2,157395E+22	2,398641E+22	2,516237E+22	2,516226E+22	2,398631E+22	2,157400E+22	1,822015E+22	1,482366E+22	1,264607E+22	1,264607E+22	1,482361E+22	1,821989E+22
394	2,157343E+22	2,398569E+22	2,516201E+22	2,516259E+22	2,398680E+22	2,157437E+22	1,822042E+22	1,482388E+22	1,264626E+22	1,264621E+22	1,482378E+22	1,822039E+22
395	2,157460E+22	2,398724E+22	2,516306E+22	2,516285E+22	2,398651E+22	2,157382E+22	1,821992E+22	1,482359E+22	1,264621E+22	1,264639E+22	1,482408E+22	1,822045E+22
396	2,157409E+22	2,398622E+22	2,516169E+22	2,516157E+22	2,398593E+22	2,157391E+22	1,822039E+22	1,482413E+22	1,264654E+22	1,264636E+22	1,482367E+22	1,821986E+22
397	2,157365E+22	2,398647E+22	2,516291E+22	2,516295E+22	2,398676E+22	2,157420E+22	1,822027E+22	1,482385E+22	1,264634E+22	1,264631E+22	1,482381E+22	1,822033E+22
398	2,157441E+22	2,398705E+22	2,516317E+22	2,516304E+22	2,398651E+22	2,157368E+22	1,821982E+22	1,482353E+22	1,264614E+22	1,264623E+22	1,482374E+22	1,821996E+22
399	2,157360E+22	2,398580E+22	2,516158E+22	2,516207E+22	2,398660E+22	2,157425E+22	1,822030E+22	1,482374E+22	1,264605E+22	1,264594E+22	1,482344E+22	1,821983E+22
400	2,157383E+22	2,398683E+22	2,516315E+22	2,516315E+22	2,398709E+22	2,157434E+22	1,822003E+22	1,482327E+22	1,264560E+22	1,264565E+22	1,482348E+22	1,822026E+22
401	2,157427E+22	2,398672E+22	2,516261E+22	2,516236E+22	2,398625E+22	2,157392E+22	1,822003E+22	1,482333E+22	1,264548E+22	1,264535E+22	1,482297E+22	1,821958E+22
402	2,157357E+22	2,398599E+22	2,516213E+22	2,516259E+22	2,398670E+22	2,157416E+22	1,822012E+22	1,482333E+22	1,264538E+22	1,264516E+22	1,482279E+22	1,821965E+22
403	2,157429E+22	2,398751E+22	2,516364E+22	2,516348E+22	2,398700E+22	2,157386E+22	1,821947E+22	1,482269E+22	1,264500E+22	1,264517E+22	1,482317E+22	1,821993E+22
404	2,157391E+22	2,398650E+22	2,516235E+22	2,516222E+22	2,398636E+22	2,157391E+22	1,821979E+22	1,482297E+22	1,264508E+22	1,264503E+22	1,482283E+22	1,821952E+22
405	2,157347E+22	2,398625E+22	2,516287E+22	2,516319E+22	2,398712E+22	2,157439E+22	1,821994E+22	1,482287E+22	1,264494E+22	1,264494E+22	1,482289E+22	1,822002E+22
406	2,157455E+22	2,398731E+22	2,516341E+22	2,516340E+22	2,398692E+22	2,157388E+22	1,821956E+22	1,482270E+22	1,264494E+22	1,264508E+22	1,482302E+22	1,821986E+22
407	2,157403E+22	2,398638E+22	2,516178E+22	2,516190E+22	2,398643E+22	2,157412E+22	1,822006E+22	1,482327E+22	1,264537E+22	1,264523E+22	1,482289E+22	1,821954E+22
408	2,157379E+22	2,398698E+22	2,516333E+22	2,516315E+22	2,398695E+22	2,157424E+22	1,822002E+22	1,482330E+22	1,264559E+22	1,264554E+22	1,482326E+22	1,822004E+22
409	2,157423E+22	2,398694E+22	2,516306E+22	2,516279E+22	2,398633E+22	2,157369E+22	1,821991E+22	1,482354E+22	1,264599E+22	1,264599E+22	1,482348E+22	1,821972E+22
410	2,157335E+22	2,398559E+22	2,516173E+22	2,516232E+22	2,398654E+22	2,157405E+22	1,822026E+22	1,482395E+22	1,264643E+22	1,264633E+22	1,482370E+22	1,821994E+22
411	2,157386E+22	2,398671E+22	2,516295E+22	2,516305E+22	2,398693E+22	2,157410E+22	1,822003E+22	1,482369E+22	1,264642E+22	1,264670E+22	1,482439E+22	1,822064E+22
412	2,157404E+22	2,398608E+22	2,516168E+22	2,516147E+22	2,398575E+22	2,157381E+22	1,822040E+22	1,482429E+22	1,264690E+22	1,264688E+22	1,482420E+22	1,822019E+22
413	2,157352E+22	2,398566E+22	2,516175E+22	2,516198E+22	2,398622E+22	2,157415E+22	1,822065E+22	1,482452E+22	1,264712E+22	1,264697E+22	1,482418E+22	1,822041E+22
414	2,157439E+22	2,398702E+22	2,516294E+22	2,516271E+22	2,398628E+22	2,157362E+22	1,822009E+22	1,482422E+22	1,264712E+22	1,264722E+22	1,482447E+22	1,822039E+22
415	2,157389E+22	2,398603E+22	2,516146E+22	2,516129E+22	2,398569E+22	2,157369E+22	1,822039E+22	1,482455E+22	1,264731E+22	1,264720E+22	1,482425E+22	1,821999E+22
416	2,157336E+22	2,398604E+22	2,516259E+22	2,516274E+22	2,398664E+22	2,157412E+22	1,822039E+22	1,482434E+22	1,264708E+22	1,264703E+22	1,482431E+22	1,822048E+22
417	2,157415E+22	2,398649E+22	2,516257E+22	2,516260E+22	2,398635E+22	2,157377E+22	1,822015E+22	1,482410E+22	1,264685E+22	1,264692E+22	1,482423E+22	1,822018E+22
418	2,157348E+22	2,398541E+22	2,516117E+22	2,516164E+22	2,398623E+22	2,157409E+22	1,822049E+22	1,482426E+22	1,264672E+22	1,264655E+22	1,482381E+22	1,821996E+22
419	2,157378E+22	2,398661E+22	2,516286E+22	2,516276E+22	2,398677E+22	2,157421E+22	1,822020E+22	1,482374E+22	1,264627E+22	1,264634E+22	1,482397E+22	1,822040E+22
420	2,157414E+22	2,398647E+22	2,516226E+22	2,516184E+22	2,398571E+22	2,157361E+22	1,822014E+22	1,482387E+22	1,264630E+22	1,264620E+22	1,482355E+22	1,821974E+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	2,157339E+22	2,398573E+22	2,516193E+22	2,516229E+22	2,398641E+22	2,157396E+22	1,822016E+22	1,482378E+22	1,264615E+22	1,264597E+22	1,482337E+22	1,821983E+22
422	2,157405E+22	2,398702E+22	2,516326E+22	2,516331E+22	2,398699E+22	2,157384E+22	1,821958E+22	1,482313E+22	1,264574E+22	1,264596E+22	1,482370E+22	1,822020E+22
423	2,157399E+22	2,398625E+22	2,516182E+22	2,516162E+22	2,398601E+22	2,157381E+22	1,821992E+22	1,482337E+22	1,264574E+22	1,264575E+22	1,482340E+22	1,821985E+22
424	2,157356E+22	2,398610E+22	2,516255E+22	2,516275E+22	2,398672E+22	2,157418E+22	1,822015E+22	1,482350E+22	1,264575E+22	1,264563E+22	1,482328E+22	1,822011E+22
425	2,157445E+22	2,398708E+22	2,516307E+22	2,516294E+22	2,398653E+22	2,157374E+22	1,821983E+22	1,482342E+22	1,264588E+22	1,264593E+22	1,482349E+22	1,821988E+22
426	2,157371E+22	2,398602E+22	2,516168E+22	2,516172E+22	2,398607E+22	2,157383E+22	1,822017E+22	1,482388E+22	1,264631E+22	1,264614E+22	1,482344E+22	1,821959E+22
427	2,157343E+22	2,398644E+22	2,516300E+22	2,516300E+22	2,398688E+22	2,157418E+22	1,822015E+22	1,482380E+22	1,264643E+22	1,264652E+22	1,482404E+22	1,822029E+22
428	2,157392E+22	2,398627E+22	2,516231E+22	2,516214E+22	2,398598E+22	2,157366E+22	1,822017E+22	1,482416E+22	1,264693E+22	1,264700E+22	1,482427E+22	1,822013E+22
429	2,157329E+22	2,398516E+22	2,516112E+22	2,516162E+22	2,398612E+22	2,157404E+22	1,822059E+22	1,482461E+22	1,264730E+22	1,264718E+22	1,482431E+22	1,822025E+22
430	2,157387E+22	2,398637E+22	2,516243E+22	2,516254E+22	2,398657E+22	2,157398E+22	1,822031E+22	1,482441E+22	1,264737E+22	1,264753E+22	1,482484E+22	1,822082E+22
431	2,157420E+22	2,398609E+22	2,516135E+22	2,516083E+22	2,398513E+22	2,157347E+22	1,822049E+22	1,482486E+22	1,264779E+22	1,264776E+22	1,482475E+22	1,822036E+22
432	2,157344E+22	2,398556E+22	2,516172E+22	2,516178E+22	2,398578E+22	2,157374E+22	1,822069E+22	1,482513E+22	1,264803E+22	1,264783E+22	1,482469E+22	1,822043E+22
433	2,157404E+22	2,398657E+22	2,516264E+22	2,516256E+22	2,398619E+22	2,157353E+22	1,822022E+22	1,482476E+22	1,264798E+22	1,264812E+22	1,482510E+22	1,822055E+22
434	2,157353E+22	2,398547E+22	2,516115E+22	2,516113E+22	2,398558E+22	2,157366E+22	1,822050E+22	1,482493E+22	1,264798E+22	1,264792E+22	1,482480E+22	1,822023E+22
435	2,157323E+22	2,398554E+22	2,516205E+22	2,516235E+22	2,398651E+22	2,157422E+22	1,822067E+22	1,482475E+22	1,264765E+22	1,264768E+22	1,482484E+22	1,822071E+22
436	2,157410E+22	2,398613E+22	2,516193E+22	2,516186E+22	2,398583E+22	2,157367E+22	1,822045E+22	1,482472E+22	1,264762E+22	1,264762E+22	1,482468E+22	1,822034E+22
437	2,157347E+22	2,398530E+22	2,516090E+22	2,516108E+22	2,398570E+22	2,157388E+22	1,822066E+22	1,482483E+22	1,264752E+22	1,264725E+22	1,482418E+22	1,821997E+22
438	2,157355E+22	2,398628E+22	2,516263E+22	2,516258E+22	2,398652E+22	2,157399E+22	1,822028E+22	1,482428E+22	1,264710E+22	1,264714E+22	1,482440E+22	1,822046E+22
439	2,157405E+22	2,398623E+22	2,516194E+22	2,516150E+22	2,398542E+22	2,157335E+22	1,822007E+22	1,482419E+22	1,264699E+22	1,264701E+22	1,482422E+22	1,822004E+22
440	2,157329E+22	2,398540E+22	2,516162E+22	2,516202E+22	2,398616E+22	2,157379E+22	1,822023E+22	1,482420E+22	1,264681E+22	1,264666E+22	1,482390E+22	1,822007E+22
441	2,157395E+22	2,398661E+22	2,516276E+22	2,516291E+22	2,398680E+22	2,157389E+22	1,821987E+22	1,482368E+22	1,264645E+22	1,264665E+22	1,482419E+22	1,822042E+22
442	2,157394E+22	2,398603E+22	2,516161E+22	2,516129E+22	2,398566E+22	2,157366E+22	1,822008E+22	1,482389E+22	1,264646E+22	1,264641E+22	1,482377E+22	1,821993E+22
443	2,157347E+22	2,398587E+22	2,516228E+22	2,516240E+22	2,398644E+22	2,157412E+22	1,822039E+22	1,482406E+22	1,264654E+22	1,264644E+22	1,482379E+22	1,822012E+22
444	2,157415E+22	2,398668E+22	2,516267E+22	2,516249E+22	2,398610E+22	2,157355E+22	1,822007E+22	1,482412E+22	1,264689E+22	1,264693E+22	1,482416E+22	1,822003E+22
445	2,157342E+22	2,398554E+22	2,516126E+22	2,516133E+22	2,398578E+22	2,157371E+22	1,822032E+22	1,482451E+22	1,264728E+22	1,264715E+22	1,482415E+22	1,821983E+22
446	2,157316E+22	2,398577E+22	2,516233E+22	2,516257E+22	2,398670E+22	2,157420E+22	1,822041E+22	1,482443E+22	1,264737E+22	1,264749E+22	1,482471E+22	1,822066E+22
447	2,157405E+22	2,398597E+22	2,516163E+22	2,516133E+22	2,398537E+22	2,157343E+22	1,822033E+22	1,482471E+22	1,264777E+22	1,264791E+22	1,482498E+22	1,822054E+22
448	2,157344E+22	2,398507E+22	2,516080E+22	2,516106E+22	2,398548E+22	2,157363E+22	1,822072E+22	1,482528E+22	1,264822E+22	1,264799E+22	1,482478E+22	1,822038E+22
449	2,157381E+22	2,398622E+22	2,516220E+22	2,516215E+22	2,398613E+22	2,157373E+22	1,822048E+22	1,482508E+22	1,264834E+22	1,264844E+22	1,482536E+22	1,822085E+22
450	2,157390E+22	2,398583E+22	2,516140E+22	2,516083E+22	2,398486E+22	2,157317E+22	1,822049E+22	1,482534E+22	1,264863E+22	1,264861E+22	1,482527E+22	1,822039E+22
451	2,157311E+22	2,398510E+22	2,516146E+22	2,516177E+22	2,398587E+22	2,157380E+22	1,822083E+22	1,482552E+22	1,264874E+22	1,264867E+22	1,482534E+22	1,822058E+22
452	2,157370E+22	2,398595E+22	2,516201E+22	2,516208E+22	2,398600E+22	2,157366E+22	1,822057E+22	1,482534E+22	1,264876E+22	1,264893E+22	1,482573E+22	1,822083E+22
453	2,157340E+22	2,398501E+22	2,516057E+22	2,516059E+22	2,398530E+22	2,157376E+22	1,822087E+22	1,482557E+22	1,264874E+22	1,264863E+22	1,482526E+22	1,822041E+22
454	2,157315E+22	2,398514E+22	2,516147E+22	2,516185E+22	2,398620E+22	2,157421E+22	1,822100E+22	1,482542E+22	1,264850E+22	1,264841E+22	1,482521E+22	1,822082E+22
455	2,157418E+22	2,398602E+22	2,516152E+22	2,516118E+22	2,398517E+22	2,157332E+22	1,822053E+22	1,482523E+22	1,264842E+22	1,264845E+22	1,482525E+22	1,822053E+22
456	2,157341E+22	2,398518E+22	2,516081E+22	2,516086E+22	2,398520E+22	2,157339E+22	1,822062E+22	1,482533E+22	1,264830E+22	1,264803E+22	1,482472E+22	1,822011E+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	2,157336E+22	2,398592E+22	2,516229E+22	2,516237E+22	2,398632E+22	2,157380E+22	1,822027E+22	1,482466E+22	1,264781E+22	1,264793E+22	1,482502E+22	1,822072E+22
458	2,157386E+22	2,398584E+22	2,516169E+22	2,516131E+22	2,398521E+22	2,157324E+22	1,822008E+22	1,482444E+22	1,264749E+22	1,264761E+22	1,482471E+22	1,822033E+22
459	2,157334E+22	2,398514E+22	2,516126E+22	2,516173E+22	2,398601E+22	2,157384E+22	1,822044E+22	1,482452E+22	1,264729E+22	1,264723E+22	1,482433E+22	1,822020E+22
460	2,157390E+22	2,398638E+22	2,516230E+22	2,516229E+22	2,398632E+22	2,157382E+22	1,822020E+22	1,482432E+22	1,264724E+22	1,264734E+22	1,482457E+22	1,822044E+22
461	2,157379E+22	2,398586E+22	2,516138E+22	2,516092E+22	2,398529E+22	2,157356E+22	1,822034E+22	1,482456E+22	1,264737E+22	1,264722E+22	1,482416E+22	1,821984E+22
462	2,157310E+22	2,398539E+22	2,516191E+22	2,516223E+22	2,398628E+22	2,157404E+22	1,822062E+22	1,482475E+22	1,264755E+22	1,264740E+22	1,482432E+22	1,822016E+22
463	2,157389E+22	2,398619E+22	2,516210E+22	2,516199E+22	2,398574E+22	2,157338E+22	1,822018E+22	1,482466E+22	1,264782E+22	1,264797E+22	1,482498E+22	1,822038E+22
464	2,157327E+22	2,398508E+22	2,516076E+22	2,516089E+22	2,398534E+22	2,157347E+22	1,822052E+22	1,482514E+22	1,264817E+22	1,264805E+22	1,482485E+22	1,822017E+22
465	2,157311E+22	2,398534E+22	2,516168E+22	2,516196E+22	2,398625E+22	2,157408E+22	1,822069E+22	1,482511E+22	1,264830E+22	1,264840E+22	1,482537E+22	1,822095E+22
466	2,157402E+22	2,398580E+22	2,516139E+22	2,516091E+22	2,398487E+22	2,157315E+22	1,822044E+22	1,482526E+22	1,264862E+22	1,264874E+22	1,482553E+22	1,822073E+22
467	2,157344E+22	2,398498E+22	2,516065E+22	2,516080E+22	2,398515E+22	2,157347E+22	1,822086E+22	1,482577E+22	1,264904E+22	1,264890E+22	1,482539E+22	1,822044E+22
468	2,157352E+22	2,398588E+22	2,516191E+22	2,516185E+22	2,398580E+22	2,157357E+22	1,822068E+22	1,482573E+22	1,264931E+22	1,264942E+22	1,482603E+22	1,822101E+22
469	2,157362E+22	2,398536E+22	2,516101E+22	2,516064E+22	2,398482E+22	2,157321E+22	1,822067E+22	1,482589E+22	1,264949E+22	1,264950E+22	1,482590E+22	1,822059E+22
470	2,157286E+22	2,398446E+22	2,516077E+22	2,516141E+22	2,398583E+22	2,157400E+22	1,822121E+22	1,482613E+22	1,264956E+22	1,264946E+22	1,482586E+22	1,822084E+22
471	2,157374E+22	2,398561E+22	2,516132E+22	2,516132E+22	2,398546E+22	2,157354E+22	1,822084E+22	1,482591E+22	1,264952E+22	1,264969E+22	1,482630E+22	1,822113E+22
472	2,157348E+22	2,398489E+22	2,516022E+22	2,516002E+22	2,398459E+22	2,157334E+22	1,822105E+22	1,482622E+22	1,264955E+22	1,264933E+22	1,482566E+22	1,822048E+22
473	2,157303E+22	2,398494E+22	2,516115E+22	2,516141E+22	2,398569E+22	2,157390E+22	1,822111E+22	1,482598E+22	1,264934E+22	1,264923E+22	1,482571E+22	1,822086E+22
474	2,157388E+22	2,398581E+22	2,516150E+22	2,516110E+22	2,398483E+22	2,157293E+22	1,822039E+22	1,482551E+22	1,264905E+22	1,264916E+22	1,482576E+22	1,822066E+22
475	2,157322E+22	2,398486E+22	2,516054E+22	2,516076E+22	2,398517E+22	2,157334E+22	1,822059E+22	1,482549E+22	1,264879E+22	1,264871E+22	1,482528E+22	1,822029E+22
476	2,157317E+22	2,398550E+22	2,516178E+22	2,516195E+22	2,398609E+22	2,157385E+22	1,822054E+22	1,482511E+22	1,264842E+22	1,264856E+22	1,482551E+22	1,822098E+22
477	2,157385E+22	2,398557E+22	2,516126E+22	2,516097E+22	2,398503E+22	2,157328E+22	1,822037E+22	1,482498E+22	1,264815E+22	1,264818E+22	1,482503E+22	1,822039E+22
478	2,157324E+22	2,398486E+22	2,516082E+22	2,516137E+22	2,398580E+22	2,157390E+22	1,822082E+22	1,482522E+22	1,264813E+22	1,264791E+22	1,482463E+22	1,822018E+22
479	2,157377E+22	2,398620E+22	2,516196E+22	2,516177E+22	2,398575E+22	2,157356E+22	1,822040E+22	1,482495E+22	1,264815E+22	1,264825E+22	1,482515E+22	1,822053E+22
480	2,157351E+22	2,398553E+22	2,516115E+22	2,516071E+22	2,398483E+22	2,157316E+22	1,822045E+22	1,482524E+22	1,264835E+22	1,264819E+22	1,482484E+22	1,821999E+22
481	2,157276E+22	2,398480E+22	2,516128E+22	2,516183E+22	2,398605E+22	2,157395E+22	1,822076E+22	1,482532E+22	1,264851E+22	1,264845E+22	1,482515E+22	1,822051E+22
482	2,157366E+22	2,398570E+22	2,516159E+22	2,516152E+22	2,398535E+22	2,157320E+22	1,822027E+22	1,482509E+22	1,264857E+22	1,264883E+22	1,482571E+22	1,822083E+22
483	2,157339E+22	2,398484E+22	2,516026E+22	2,516039E+22	2,398496E+22	2,157335E+22	1,822068E+22	1,482558E+22	1,264890E+22	1,264887E+22	1,482547E+22	1,822044E+22
484	2,157314E+22	2,398520E+22	2,516128E+22	2,516135E+22	2,398564E+22	2,157382E+22	1,822094E+22	1,482581E+22	1,264924E+22	1,264927E+22	1,482592E+22	1,822111E+22
485	2,157393E+22	2,398566E+22	2,516122E+22	2,516070E+22	2,398458E+22	2,157297E+22	1,822060E+22	1,482590E+22	1,264956E+22	1,264963E+22	1,482602E+22	1,822073E+22
486	2,157312E+22	2,398459E+22	2,516037E+22	2,516074E+22	2,398514E+22	2,157350E+22	1,822112E+22	1,482642E+22	1,264999E+22	1,264981E+22	1,482594E+22	1,822053E+22
487	2,157326E+22	2,398539E+22	2,516135E+22	2,516139E+22	2,398552E+22	2,157355E+22	1,822092E+22	1,482629E+22	1,265018E+22	1,265037E+22	1,482676E+22	1,822131E+22
488	2,157345E+22	2,398491E+22	2,516050E+22	2,516024E+22	2,398446E+22	2,157312E+22	1,822103E+22	1,482659E+22	1,265034E+22	1,265030E+22	1,482647E+22	1,822083E+22
489	2,157277E+22	2,398403E+22	2,516006E+22	2,516078E+22	2,398543E+22	2,157391E+22	1,822153E+22	1,482682E+22	1,265044E+22	1,265028E+22	1,482641E+22	1,822100E+22
490	2,157358E+22	2,398539E+22	2,516100E+22	2,516080E+22	2,398489E+22	2,157321E+22	1,822092E+22	1,482641E+22	1,265027E+22	1,265042E+22	1,482677E+22	1,822128E+22
491	2,157342E+22	2,398478E+22	2,516007E+22	2,515975E+22	2,398420E+22	2,157303E+22	1,822104E+22	1,482656E+22	1,265023E+22	1,265011E+22	1,482621E+22	1,822055E+22
492	2,157277E+22	2,398464E+22	2,516088E+22	2,516110E+22	2,398527E+22	2,157358E+22	1,822114E+22	1,482644E+22	1,265009E+22	1,265003E+22	1,482632E+22	1,822109E+22

1 Longitude ☉	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°
493	2,157369E+22	2,398543E+22	2,516113E+22	2,516095E+22	2,398482E+22	2,157291E+22	1,822044E+22	1,482584E+22	1,264966E+22	1,264983E+22	1,482627E+22	1,822088E+22
494	2,157311E+22	2,398447E+22	2,516004E+22	2,516048E+22	2,398515E+22	2,157351E+22	1,822089E+22	1,482594E+22	1,264937E+22	1,264926E+22	1,482564E+22	1,822050E+22
495	2,157324E+22	2,398530E+22	2,516127E+22	2,516133E+22	2,398562E+22	2,157372E+22	1,822079E+22	1,482563E+22	1,264908E+22	1,264918E+22	1,482591E+22	1,822112E+22
496	2,157383E+22	2,398549E+22	2,516106E+22	2,516063E+22	2,398452E+22	2,157297E+22	1,822061E+22	1,482565E+22	1,264896E+22	1,264885E+22	1,482535E+22	1,822034E+22
497	2,157296E+22	2,398456E+22	2,516047E+22	2,516104E+22	2,398545E+22	2,157370E+22	1,822102E+22	1,482587E+22	1,264908E+22	1,264883E+22	1,482519E+22	1,822015E+22
498	2,157326E+22	2,398574E+22	2,516174E+22	2,516160E+22	2,398549E+22	2,157330E+22	1,822041E+22	1,482539E+22	1,264896E+22	1,264915E+22	1,482584E+22	1,822076E+22
499	2,157327E+22	2,398505E+22	2,516067E+22	2,516042E+22	2,398470E+22	2,157312E+22	1,822055E+22	1,482559E+22	1,264907E+22	1,264912E+22	1,482561E+22	1,822032E+22
500	2,157260E+22	2,398432E+22	2,516061E+22	2,516117E+22	2,398558E+22	2,157385E+22	1,822108E+22	1,482596E+22	1,264936E+22	1,264933E+22	1,482587E+22	1,822095E+22
501	2,157375E+22	2,398544E+22	2,516104E+22	2,516101E+22	2,398503E+22	2,157311E+22	1,822051E+22	1,482572E+22	1,264942E+22	1,264962E+22	1,482622E+22	1,822106E+22
502	2,157342E+22	2,398471E+22	2,515989E+22	2,515995E+22	2,398465E+22	2,157330E+22	1,822101E+22	1,482629E+22	1,264983E+22	1,264969E+22	1,482592E+22	1,822057E+22
503	2,157311E+22	2,398509E+22	2,516104E+22	2,516092E+22	2,398510E+22	2,157349E+22	1,822111E+22	1,482647E+22	1,265022E+22	1,265025E+22	1,482658E+22	1,822129E+22
504	2,157371E+22	2,398537E+22	2,516105E+22	2,516059E+22	2,398424E+22	2,157263E+22	1,822075E+22	1,482658E+22	1,265053E+22	1,265058E+22	1,482667E+22	1,822087E+22
505	2,157277E+22	2,398400E+22	2,515975E+22	2,516037E+22	2,398501E+22	2,157354E+22	1,822139E+22	1,482705E+22	1,265094E+22	1,265082E+22	1,482668E+22	1,822077E+22
506	2,157293E+22	2,398489E+22	2,516087E+22	2,516091E+22	2,398516E+22	2,157344E+22	1,822112E+22	1,482679E+22	1,265091E+22	1,265114E+22	1,482735E+22	1,822161E+22
507	2,157345E+22	2,398464E+22	2,515998E+22	2,515967E+22	2,398404E+22	2,157296E+22	1,822122E+22	1,482708E+22	1,265108E+22	1,265107E+22	1,482697E+22	1,822096E+22
508	2,157266E+22	2,398382E+22	2,515962E+22	2,516010E+22	2,398478E+22	2,157361E+22	1,822174E+22	1,482749E+22	1,265133E+22	1,265110E+22	1,482690E+22	1,822113E+22
509	2,157343E+22	2,398516E+22	2,516074E+22	2,516057E+22	2,398462E+22	2,157293E+22	1,822094E+22	1,482690E+22	1,265106E+22	1,265119E+22	1,482722E+22	1,822133E+22
510	2,157315E+22	2,398442E+22	2,515980E+22	2,515967E+22	2,398419E+22	2,157299E+22	1,822115E+22	1,482700E+22	1,265093E+22	1,265081E+22	1,482669E+22	1,822075E+22
511	2,157263E+22	2,398427E+22	2,516045E+22	2,516071E+22	2,398501E+22	2,157347E+22	1,822124E+22	1,482681E+22	1,265071E+22	1,265074E+22	1,482691E+22	1,822141E+22
512	2,157365E+22	2,398512E+22	2,516078E+22	2,516066E+22	2,398452E+22	2,157280E+22	1,822072E+22	1,482638E+22	1,265028E+22	1,265041E+22	1,482665E+22	1,822104E+22
513	2,157304E+22	2,398419E+22	2,515953E+22	2,516001E+22	2,398491E+22	2,157352E+22	1,822121E+22	1,482655E+22	1,265014E+22	1,264995E+22	1,482605E+22	1,822053E+22
514	2,157298E+22	2,398512E+22	2,516108E+22	2,516092E+22	2,398519E+22	2,157351E+22	1,822093E+22	1,482614E+22	1,264981E+22	1,264987E+22	1,482632E+22	1,822116E+22
515	2,157363E+22	2,398528E+22	2,516088E+22	2,516041E+22	2,398425E+22	2,157275E+22	1,822068E+22	1,482610E+22	1,264975E+22	1,264973E+22	1,482593E+22	1,822040E+22
516	2,157261E+22	2,398409E+22	2,516002E+22	2,516062E+22	2,398511E+22	2,157347E+22	1,822115E+22	1,482646E+22	1,264999E+22	1,264979E+22	1,482593E+22	1,822050E+22
517	2,157306E+22	2,398516E+22	2,516109E+22	2,516124E+22	2,398541E+22	2,157327E+22	1,822054E+22	1,482586E+22	1,264973E+22	1,264998E+22	1,482650E+22	1,822114E+22
518	2,157326E+22	2,398467E+22	2,516008E+22	2,515992E+22	2,398447E+22	2,157316E+22	1,822087E+22	1,482617E+22	1,264983E+22	1,264983E+22	1,482615E+22	1,822072E+22
519	2,157278E+22	2,398420E+22	2,516013E+22	2,516041E+22	2,398487E+22	2,157351E+22	1,822127E+22	1,482658E+22	1,265022E+22	1,265014E+22	1,482642E+22	1,822121E+22
520	2,157381E+22	2,398545E+22	2,516094E+22	2,516065E+22	2,398444E+22	2,157272E+22	1,822072E+22	1,482644E+22	1,265037E+22	1,265047E+22	1,482666E+22	1,822106E+22
521	2,157318E+22	2,398448E+22	2,515969E+22	2,515973E+22	2,398438E+22	2,157309E+22	1,822117E+22	1,482697E+22	1,265086E+22	1,265070E+22	1,482652E+22	1,822054E+22
522	2,157259E+22	2,398463E+22	2,516081E+22	2,516075E+22	2,398492E+22	2,157332E+22	1,822118E+22	1,482696E+22	1,265108E+22	1,265117E+22	1,482723E+22	1,822147E+22
523	2,157342E+22	2,398485E+22	2,516057E+22	2,516034E+22	2,398421E+22	2,157270E+22	1,822096E+22	1,482705E+22	1,265134E+22	1,265151E+22	1,482734E+22	1,822110E+22
524	2,157252E+22	2,398344E+22	2,515905E+22	2,515969E+22	2,398460E+22	2,157350E+22	1,822178E+22	1,482779E+22	1,265186E+22	1,265170E+22	1,482734E+22	1,822111E+22
525	2,157287E+22	2,398443E+22	2,516021E+22	2,516036E+22	2,398488E+22	2,157336E+22	1,822139E+22	1,482746E+22	1,265179E+22	1,265193E+22	1,482783E+22	1,822177E+22
526	2,157338E+22	2,398442E+22	2,515960E+22	2,515919E+22	2,398366E+22	2,157284E+22	1,822148E+22	1,482773E+22	1,265195E+22	1,265185E+22	1,482745E+22	1,822113E+22
527	2,157258E+22	2,398362E+22	2,515935E+22	2,515962E+22	2,398416E+22	2,157314E+22	1,822175E+22	1,482801E+22	1,265219E+22	1,265200E+22	1,482756E+22	1,822137E+22
528	2,157330E+22	2,398488E+22	2,516055E+22	2,516041E+22	2,398431E+22	2,157261E+22	1,822097E+22	1,482736E+22	1,265181E+22	1,265197E+22	1,482780E+22	1,822155E+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	2,157299E+22	2,398399E+22	2,515931E+22	2,515934E+22	2,398410E+22	2,157302E+22	1,822130E+22	1,482740E+22	1,265160E+22	1,265155E+22	1,482726E+22	1,822098E+22
530	2,157249E+22	2,398399E+22	2,516012E+22	2,516030E+22	2,398471E+22	2,157337E+22	1,822138E+22	1,482716E+22	1,265121E+22	1,265125E+22	1,482729E+22	1,822163E+22
531	2,157372E+22	2,398502E+22	2,516050E+22	2,516029E+22	2,398426E+22	2,157269E+22	1,822086E+22	1,482679E+22	1,265090E+22	1,265100E+22	1,482695E+22	1,822102E+22
532	2,157285E+22	2,398399E+22	2,515927E+22	2,515952E+22	2,398443E+22	2,157331E+22	1,822146E+22	1,482720E+22	1,265099E+22	1,265071E+22	1,482648E+22	1,822057E+22
533	2,157269E+22	2,398469E+22	2,516076E+22	2,516077E+22	2,398509E+22	2,157335E+22	1,822103E+22	1,482666E+22	1,265063E+22	1,265066E+22	1,482678E+22	1,822118E+22
534	2,157328E+22	2,398479E+22	2,516046E+22	2,516016E+22	2,398422E+22	2,157280E+22	1,822089E+22	1,482664E+22	1,265055E+22	1,265052E+22	1,482653E+22	1,822071E+22
535	2,157248E+22	2,398363E+22	2,515945E+22	2,516002E+22	2,398466E+22	2,157329E+22	1,822131E+22	1,482698E+22	1,265078E+22	1,265065E+22	1,482665E+22	1,822095E+22
536	2,157315E+22	2,398488E+22	2,516065E+22	2,516072E+22	2,398487E+22	2,157301E+22	1,822081E+22	1,482650E+22	1,265053E+22	1,265074E+22	1,482702E+22	1,822141E+22
537	2,157330E+22	2,398444E+22	2,515961E+22	2,515936E+22	2,398406E+22	2,157301E+22	1,822110E+22	1,482683E+22	1,265075E+22	1,265070E+22	1,482668E+22	1,822080E+22
538	2,157261E+22	2,398413E+22	2,516007E+22	2,516004E+22	2,398438E+22	2,157316E+22	1,822132E+22	1,482710E+22	1,265105E+22	1,265098E+22	1,482694E+22	1,822129E+22
539	2,157362E+22	2,398524E+22	2,516084E+22	2,516053E+22	2,398423E+22	2,157247E+22	1,822074E+22	1,482694E+22	1,265128E+22	1,265145E+22	1,482728E+22	1,822110E+22
540	2,157275E+22	2,398393E+22	2,515927E+22	2,515940E+22	2,398419E+22	2,157301E+22	1,822139E+22	1,482763E+22	1,265187E+22	1,265175E+22	1,482730E+22	1,822085E+22
541	2,157231E+22	2,398390E+22	2,516008E+22	2,516040E+22	2,398494E+22	2,157343E+22	1,822144E+22	1,482755E+22	1,265195E+22	1,265206E+22	1,482786E+22	1,822174E+22
542	2,157331E+22	2,398437E+22	2,515989E+22	2,515974E+22	2,398397E+22	2,157282E+22	1,822140E+22	1,482778E+22	1,265220E+22	1,265227E+22	1,482790E+22	1,822144E+22
543	2,157258E+22	2,398318E+22	2,515850E+22	2,515885E+22	2,398384E+22	2,157315E+22	1,822201E+22	1,482850E+22	1,265280E+22	1,265257E+22	1,482792E+22	1,822137E+22
544	2,157288E+22	2,398428E+22	2,515998E+22	2,515988E+22	2,398420E+22	2,157295E+22	1,822157E+22	1,482813E+22	1,265271E+22	1,265279E+22	1,482832E+22	1,822184E+22
545	2,157318E+22	2,398412E+22	2,515934E+22	2,515893E+22	2,398338E+22	2,157261E+22	1,822154E+22	1,482826E+22	1,265284E+22	1,265279E+22	1,482807E+22	1,822121E+22
546	2,157225E+22	2,398331E+22	2,515917E+22	2,515941E+22	2,398394E+22	2,157291E+22	1,822167E+22	1,482830E+22	1,265281E+22	1,265274E+22	1,482815E+22	1,822164E+22
547	2,157322E+22	2,398456E+22	2,516023E+22	2,516018E+22	2,398426E+22	2,157263E+22	1,822106E+22	1,482766E+22	1,265239E+22	1,265265E+22	1,482827E+22	1,822173E+22
548	2,157289E+22	2,398365E+22	2,515887E+22	2,515886E+22	2,398382E+22	2,157302E+22	1,822162E+22	1,482798E+22	1,265230E+22	1,265218E+22	1,482768E+22	1,822118E+22
549	2,157245E+22	2,398364E+22	2,515964E+22	2,515996E+22	2,398459E+22	2,157338E+22	1,822164E+22	1,482772E+22	1,265192E+22	1,265184E+22	1,482755E+22	1,822159E+22
550	2,157356E+22	2,398483E+22	2,516028E+22	2,515999E+22	2,398404E+22	2,157270E+22	1,822118E+22	1,482742E+22	1,265167E+22	1,265166E+22	1,482734E+22	1,822108E+22
551	2,157262E+22	2,398366E+22	2,515899E+22	2,515907E+22	2,398387E+22	2,157292E+22	1,822152E+22	1,482776E+22	1,265185E+22	1,265161E+22	1,482714E+22	1,822079E+22
552	2,157247E+22	2,398421E+22	2,516036E+22	2,516045E+22	2,398475E+22	2,157315E+22	1,822116E+22	1,482717E+22	1,265143E+22	1,265153E+22	1,482743E+22	1,822145E+22
553	2,157314E+22	2,398428E+22	2,515985E+22	2,515965E+22	2,398397E+22	2,157278E+22	1,822106E+22	1,482711E+22	1,265132E+22	1,265139E+22	1,482719E+22	1,822099E+22
554	2,157244E+22	2,398340E+22	2,515905E+22	2,515941E+22	2,398412E+22	2,157300E+22	1,822135E+22	1,482738E+22	1,265143E+22	1,265133E+22	1,482715E+22	1,822125E+22
555	2,157331E+22	2,398485E+22	2,516042E+22	2,516030E+22	2,398446E+22	2,157275E+22	1,822084E+22	1,482698E+22	1,265132E+22	1,265150E+22	1,482742E+22	1,822143E+22
556	2,157314E+22	2,398428E+22	2,515946E+22	2,515900E+22	2,398362E+22	2,157274E+22	1,822127E+22	1,482749E+22	1,265170E+22	1,265160E+22	1,482721E+22	1,822087E+22
557	2,157231E+22	2,398364E+22	2,515976E+22	2,516001E+22	2,398440E+22	2,157309E+22	1,822145E+22	1,482767E+22	1,265195E+22	1,265187E+22	1,482747E+22	1,822131E+22
558	2,157323E+22	2,398469E+22	2,516041E+22	2,516033E+22	2,398430E+22	2,157269E+22	1,822108E+22	1,482757E+22	1,265215E+22	1,265232E+22	1,482794E+22	1,822139E+22
559	2,157253E+22	2,398332E+22	2,515861E+22	2,515875E+22	2,398374E+22	2,157296E+22	1,822173E+22	1,482833E+22	1,265282E+22	1,265272E+22	1,482806E+22	1,822126E+22
560	2,157231E+22	2,398344E+22	2,515944E+22	2,515974E+22	2,398441E+22	2,157332E+22	1,822186E+22	1,482834E+22	1,265292E+22	1,265296E+22	1,482844E+22	1,822196E+22
561	2,157327E+22	2,398405E+22	2,515931E+22	2,515904E+22	2,398346E+22	2,157268E+22	1,822169E+22	1,482853E+22	1,265324E+22	1,265326E+22	1,482851E+22	1,822155E+22
562	2,157244E+22	2,398309E+22	2,515833E+22	2,515835E+22	2,398317E+22	2,157268E+22	1,822200E+22	1,482901E+22	1,265366E+22	1,265346E+22	1,482853E+22	1,822158E+22
563	2,157281E+22	2,398412E+22	2,515986E+22	2,515971E+22	2,398388E+22	2,157257E+22	1,822144E+22	1,482853E+22	1,265354E+22	1,265370E+22	1,482893E+22	1,822198E+22
564	2,157292E+22	2,398370E+22	2,515900E+22	2,515867E+22	2,398318E+22	2,157249E+22	1,822163E+22	1,482871E+22	1,265361E+22	1,265364E+22	1,482875E+22	1,822155E+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	2,157217E+22	2,398281E+22	2,515866E+22	2,515922E+22	2,398398E+22	2,157301E+22	1,822185E+22	1,482867E+22	1,265339E+22	1,265334E+22	1,482856E+22	1,822182E+22
566	2,157321E+22	2,398433E+22	2,515980E+22	2,515976E+22	2,398410E+22	2,157281E+22	1,822145E+22	1,482822E+22	1,265300E+22	1,265314E+22	1,482859E+22	1,822188E+22
567	2,157285E+22	2,398348E+22	2,515856E+22	2,515829E+22	2,398324E+22	2,157278E+22	1,822185E+22	1,482861E+22	1,265310E+22	1,265289E+22	1,482807E+22	1,822124E+22
568	2,157233E+22	2,398341E+22	2,515944E+22	2,515963E+22	2,398410E+22	2,157311E+22	1,822184E+22	1,482833E+22	1,265276E+22	1,265260E+22	1,482792E+22	1,822148E+22
569	2,157315E+22	2,398433E+22	2,515989E+22	2,515974E+22	2,398383E+22	2,157257E+22	1,822130E+22	1,482795E+22	1,265254E+22	1,265258E+22	1,482795E+22	1,822112E+22
570	2,157225E+22	2,398322E+22	2,515863E+22	2,515873E+22	2,398356E+22	2,157271E+22	1,822148E+22	1,482806E+22	1,265249E+22	1,265238E+22	1,482779E+22	1,822115E+22
571	2,157246E+22	2,398385E+22	2,515989E+22	2,516002E+22	2,398444E+22	2,157302E+22	1,822120E+22	1,482754E+22	1,265211E+22	1,265228E+22	1,482798E+22	1,822171E+22
572	2,157313E+22	2,398398E+22	2,515935E+22	2,515908E+22	2,398354E+22	2,157265E+22	1,822130E+22	1,482768E+22	1,265210E+22	1,265215E+22	1,482775E+22	1,822128E+22
573	2,157250E+22	2,398316E+22	2,515867E+22	2,515910E+22	2,398390E+22	2,157288E+22	1,822150E+22	1,482789E+22	1,265219E+22	1,265203E+22	1,482752E+22	1,822127E+22
574	2,157319E+22	2,398473E+22	2,516028E+22	2,516006E+22	2,398423E+22	2,157273E+22	1,822112E+22	1,482761E+22	1,265216E+22	1,265227E+22	1,482792E+22	1,822154E+22
575	2,157288E+22	2,398390E+22	2,515920E+22	2,515872E+22	2,398322E+22	2,157247E+22	1,822140E+22	1,482814E+22	1,265269E+22	1,265262E+22	1,482794E+22	1,822112E+22
576	2,157208E+22	2,398307E+22	2,515923E+22	2,515965E+22	2,398416E+22	2,157309E+22	1,822176E+22	1,482832E+22	1,265290E+22	1,265285E+22	1,482815E+22	1,822153E+22
577	2,157299E+22	2,398408E+22	2,515968E+22	2,515974E+22	2,398404E+22	2,157280E+22	1,822149E+22	1,482828E+22	1,265312E+22	1,265332E+22	1,482865E+22	1,822164E+22
578	2,157246E+22	2,398306E+22	2,515811E+22	2,515803E+22	2,398306E+22	2,157266E+22	1,822192E+22	1,482894E+22	1,265368E+22	1,265357E+22	1,482866E+22	1,822157E+22
579	2,157241E+22	2,398334E+22	2,515910E+22	2,515919E+22	2,398381E+22	2,157296E+22	1,822192E+22	1,482895E+22	1,265389E+22	1,265389E+22	1,482895E+22	1,822202E+22
580	2,157310E+22	2,398383E+22	2,515907E+22	2,515865E+22	2,398295E+22	2,157232E+22	1,822179E+22	1,482916E+22	1,265423E+22	1,265426E+22	1,482917E+22	1,822171E+22
581	2,157222E+22	2,398264E+22	2,515800E+22	2,515832E+22	2,398314E+22	2,157251E+22	1,822198E+22	1,482942E+22	1,265444E+22	1,265429E+22	1,482909E+22	1,822171E+22
582	2,157259E+22	2,398376E+22	2,515954E+22	2,515957E+22	2,398391E+22	2,157274E+22	1,822171E+22	1,482900E+22	1,265420E+22	1,265438E+22	1,482951E+22	1,822230E+22
583	2,157281E+22	2,398328E+22	2,515855E+22	2,515823E+22	2,398280E+22	2,157240E+22	1,822189E+22	1,482926E+22	1,265433E+22	1,265435E+22	1,482929E+22	1,822184E+22
584	2,157218E+22	2,398249E+22	2,515818E+22	2,515874E+22	2,398361E+22	2,157302E+22	1,822225E+22	1,482931E+22	1,265414E+22	1,265398E+22	1,482889E+22	1,822181E+22
585	2,157303E+22	2,398406E+22	2,515940E+22	2,515930E+22	2,398377E+22	2,157279E+22	1,822177E+22	1,482886E+22	1,265384E+22	1,265392E+22	1,482899E+22	1,822177E+22
586	2,157255E+22	2,398330E+22	2,515836E+22	2,515790E+22	2,398265E+22	2,157239E+22	1,822185E+22	1,482905E+22	1,265385E+22	1,265366E+22	1,482860E+22	1,822136E+22
587	2,157212E+22	2,398306E+22	2,515910E+22	2,515941E+22	2,398382E+22	2,157282E+22	1,822173E+22	1,482871E+22	1,265354E+22	1,265346E+22	1,482853E+22	1,822163E+22
588	2,157287E+22	2,398379E+22	2,515933E+22	2,515933E+22	2,398357E+22	2,157246E+22	1,822138E+22	1,482836E+22	1,265326E+22	1,265341E+22	1,482867E+22	1,822155E+22
589	2,157225E+22	2,398274E+22	2,515801E+22	2,515838E+22	2,398339E+22	2,157265E+22	1,822159E+22	1,482841E+22	1,265304E+22	1,265298E+22	1,482826E+22	1,822143E+22
590	2,157259E+22	2,398378E+22	2,515954E+22	2,515956E+22	2,398409E+22	2,157299E+22	1,822150E+22	1,482806E+22	1,265271E+22	1,265281E+22	1,482838E+22	1,822193E+22
591	2,157316E+22	2,398391E+22	2,515914E+22	2,515861E+22	2,398291E+22	2,157231E+22	1,822144E+22	1,482828E+22	1,265294E+22	1,265292E+22	1,482820E+22	1,822138E+22
592	2,157240E+22	2,398299E+22	2,515853E+22	2,515888E+22	2,398353E+22	2,157272E+22	1,822174E+22	1,482851E+22	1,265309E+22	1,265289E+22	1,482798E+22	1,822116E+22
593	2,157275E+22	2,398425E+22	2,515992E+22	2,515987E+22	2,398415E+22	2,157278E+22	1,822138E+22	1,482825E+22	1,265314E+22	1,265328E+22	1,482856E+22	1,822156E+22
594	2,157249E+22	2,398343E+22	2,515875E+22	2,515834E+22	2,398291E+22	2,157237E+22	1,822158E+22	1,482867E+22	1,265355E+22	1,265355E+22	1,482867E+22	1,822147E+22
595	2,157202E+22	2,398262E+22	2,515860E+22	2,515915E+22	2,398382E+22	2,157299E+22	1,822198E+22	1,482897E+22	1,265385E+22	1,265379E+22	1,482879E+22	1,822176E+22
596	2,157286E+22	2,398364E+22	2,515903E+22	2,515908E+22	2,398353E+22	2,157265E+22	1,822182E+22	1,482905E+22	1,265415E+22	1,265430E+22	1,482935E+22	1,822196E+22
597	2,157244E+22	2,398274E+22	2,515767E+22	2,515764E+22	2,398266E+22	2,157242E+22	1,822206E+22	1,482955E+22	1,265460E+22	1,265446E+22	1,482921E+22	1,822169E+22
598	2,157231E+22	2,398322E+22	2,515892E+22	2,515887E+22	2,398339E+22	2,157274E+22	1,822211E+22	1,482956E+22	1,265476E+22	1,265477E+22	1,482961E+22	1,822224E+22
599	2,157286E+22	2,398347E+22	2,515878E+22	2,515838E+22	2,398257E+22	2,157200E+22	1,822181E+22	1,482969E+22	1,265515E+22	1,265525E+22	1,482993E+22	1,822207E+22
600	2,157213E+22	2,398223E+22	2,515755E+22	2,515800E+22	2,398297E+22	2,157254E+22	1,822219E+22	1,482988E+22	1,265518E+22	1,265510E+22	1,482967E+22	1,822191E+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°
601	2,157244E+22	2,398331E+22	2,515894E+22	2,515907E+22	2,398371E+22	2,157288E+22	1,822208E+22	1,482958E+22	1,265495E+22	1,265512E+22	1,482999E+22	1,822241E+22
602	2,157275E+22	2,398313E+22	2,515817E+22	2,515772E+22	2,398229E+22	2,157218E+22	1,822207E+22	1,482977E+22	1,265501E+22	1,265497E+22	1,482967E+22	1,822197E+22
603	2,157217E+22	2,398239E+22	2,515791E+22	2,515836E+22	2,398315E+22	2,157271E+22	1,822231E+22	1,482985E+22	1,265496E+22	1,265471E+22	1,482924E+22	1,822169E+22
604	2,157264E+22	2,398368E+22	2,515910E+22	2,515900E+22	2,398341E+22	2,157256E+22	1,822190E+22	1,482941E+22	1,265468E+22	1,265477E+22	1,482956E+22	1,822187E+22
605	2,157222E+22	2,398274E+22	2,515794E+22	2,515783E+22	2,398260E+22	2,157225E+22	1,822186E+22	1,482938E+22	1,265449E+22	1,265439E+22	1,482913E+22	1,822153E+22
606	2,157194E+22	2,398270E+22	2,515865E+22	2,515906E+22	2,398367E+22	2,157289E+22	1,822198E+22	1,482912E+22	1,265410E+22	1,265409E+22	1,482912E+22	1,822202E+22
607	2,157284E+22	2,398344E+22	2,515881E+22	2,515878E+22	2,398309E+22	2,157227E+22	1,822158E+22	1,482888E+22	1,265396E+22	1,265411E+22	1,482922E+22	1,822192E+22
608	2,157242E+22	2,398262E+22	2,515759E+22	2,515787E+22	2,398298E+22	2,157258E+22	1,822187E+22	1,482895E+22	1,265377E+22	1,265363E+22	1,482861E+22	1,822147E+22
609	2,157250E+22	2,398367E+22	2,515930E+22	2,515919E+22	2,398374E+22	2,157291E+22	1,822178E+22	1,482870E+22	1,265358E+22	1,265362E+22	1,482880E+22	1,822186E+22
610	2,157291E+22	2,398381E+22	2,515908E+22	2,515843E+22	2,398245E+22	2,157192E+22	1,822147E+22	1,482878E+22	1,265376E+22	1,265377E+22	1,482878E+22	1,822150E+22
611	2,157214E+22	2,398263E+22	2,515822E+22	2,515875E+22	2,398337E+22	2,157252E+22	1,822176E+22	1,482905E+22	1,265404E+22	1,265386E+22	1,482864E+22	1,822129E+22
612	2,157234E+22	2,398360E+22	2,515928E+22	2,515945E+22	2,398396E+22	2,157282E+22	1,822168E+22	1,482887E+22	1,265406E+22	1,265428E+22	1,482936E+22	1,822195E+22
613	2,157238E+22	2,398283E+22	2,515801E+22	2,515789E+22	2,398266E+22	2,157234E+22	1,822186E+22	1,482926E+22	1,265436E+22	1,265437E+22	1,482926E+22	1,822175E+22
614	2,157207E+22	2,398246E+22	2,515811E+22	2,515852E+22	2,398334E+22	2,157290E+22	1,822234E+22	1,482969E+22	1,265472E+22	1,265459E+22	1,482939E+22	1,822205E+22
615	2,157280E+22	2,398344E+22	2,515868E+22	2,515850E+22	2,398280E+22	2,157218E+22	1,822193E+22	1,482975E+22	1,265518E+22	1,265529E+22	1,483000E+22	1,822218E+22
616	2,157233E+22	2,398249E+22	2,515739E+22	2,515731E+22	2,398225E+22	2,157218E+22	1,822220E+22	1,483012E+22	1,265553E+22	1,265542E+22	1,482981E+22	1,822175E+22
617	2,157197E+22	2,398279E+22	2,515856E+22	2,515867E+22	2,398327E+22	2,157272E+22	1,822229E+22	1,483011E+22	1,265565E+22	1,265572E+22	1,483028E+22	1,822238E+22
618	2,157263E+22	2,398312E+22	2,515837E+22	2,515802E+22	2,398225E+22	2,157187E+22	1,822193E+22	1,483011E+22	1,265584E+22	1,265602E+22	1,483055E+22	1,822241E+22
619	2,157214E+22	2,398195E+22	2,515707E+22	2,515760E+22	2,398271E+22	2,157246E+22	1,822240E+22	1,483045E+22	1,265598E+22	1,265582E+22	1,483010E+22	1,822201E+22
620	2,157227E+22	2,398297E+22	2,515844E+22	2,515855E+22	2,398334E+22	2,157283E+22	1,822242E+22	1,483026E+22	1,265580E+22	1,265589E+22	1,483045E+22	1,822253E+22
621	2,157259E+22	2,398279E+22	2,515782E+22	2,515745E+22	2,398200E+22	2,157200E+22	1,822224E+22	1,483030E+22	1,265576E+22	1,265567E+22	1,483005E+22	1,822196E+22
622	2,157194E+22	2,398219E+22	2,515768E+22	2,515809E+22	2,398285E+22	2,157254E+22	1,822249E+22	1,483038E+22	1,265568E+22	1,265545E+22	1,482982E+22	1,822188E+22
623	2,157230E+22	2,398316E+22	2,515864E+22	2,515865E+22	2,398305E+22	2,157226E+22	1,822191E+22	1,482987E+22	1,265546E+22	1,265563E+22	1,483027E+22	1,822226E+22
624	2,157216E+22	2,398234E+22	2,515740E+22	2,515735E+22	2,398235E+22	2,157227E+22	1,822205E+22	1,482976E+22	1,265511E+22	1,265508E+22	1,482968E+22	1,822180E+22
625	2,157192E+22	2,398243E+22	2,515816E+22	2,515852E+22	2,398331E+22	2,157285E+22	1,822226E+22	1,482964E+22	1,265478E+22	1,265475E+22	1,482955E+22	1,822217E+22
626	2,157290E+22	2,398349E+22	2,515858E+22	2,515830E+22	2,398251E+22	2,157191E+22	1,822164E+22	1,482932E+22	1,265462E+22	1,265472E+22	1,482960E+22	1,822207E+22
627	2,157245E+22	2,398266E+22	2,515752E+22	2,515765E+22	2,398261E+22	2,157222E+22	1,822187E+22	1,482948E+22	1,265461E+22	1,265437E+22	1,482897E+22	1,822135E+22
628	2,157208E+22	2,398328E+22	2,515905E+22	2,515906E+22	2,398357E+22	2,157276E+22	1,822195E+22	1,482929E+22	1,265447E+22	1,265452E+22	1,482940E+22	1,822195E+22
629	2,157250E+22	2,398318E+22	2,515867E+22	2,515843E+22	2,398254E+22	2,157194E+22	1,822162E+22	1,482925E+22	1,265452E+22	1,265459E+22	1,482938E+22	1,822169E+22
630	2,157190E+22	2,398218E+22	2,515767E+22	2,515831E+22	2,398320E+22	2,157266E+22	1,822217E+22	1,482966E+22	1,265479E+22	1,265468E+22	1,482935E+22	1,822166E+22
631	2,157215E+22	2,398304E+22	2,515856E+22	2,515878E+22	2,398346E+22	2,157266E+22	1,822202E+22	1,482962E+22	1,265503E+22	1,265522E+22	1,483006E+22	1,822235E+22
632	2,157246E+22	2,398259E+22	2,515744E+22	2,515717E+22	2,398216E+22	2,157223E+22	1,822216E+22	1,482996E+22	1,265533E+22	1,265529E+22	1,482982E+22	1,822188E+22
633	2,157194E+22	2,398226E+22	2,515774E+22	2,515794E+22	2,398276E+22	2,157264E+22	1,822258E+22	1,483042E+22	1,265577E+22	1,265561E+22	1,482999E+22	1,822213E+22
634	2,157262E+22	2,398328E+22	2,515848E+22	2,515817E+22	2,398226E+22	2,157169E+22	1,822189E+22	1,483027E+22	1,265609E+22	1,265626E+22	1,483072E+22	1,822248E+22
635	2,157223E+22	2,398221E+22	2,515709E+22	2,515712E+22	2,398206E+22	2,157191E+22	1,822215E+22	1,483060E+22	1,265642E+22	1,265634E+22	1,483047E+22	1,822197E+22
636	2,157172E+22	2,398226E+22	2,515801E+22	2,515827E+22	2,398310E+22	2,157275E+22	1,822257E+22	1,483067E+22	1,265645E+22	1,265657E+22	1,483094E+22	1,822273E+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												
637	2,157257E+22	2,398267E+22	2,515786E+22	2,515772E+22	2,398208E+22	2,157185E+22	1,822221E+22	1,483065E+22	1,265651E+22	1,265664E+22	1,483094E+22	1,822253E+22
638	2,157211E+22	2,398187E+22	2,515677E+22	2,515712E+22	2,398234E+22	2,157242E+22	1,822276E+22	1,483110E+22	1,265672E+22	1,265649E+22	1,483053E+22	1,822207E+22
639	2,157197E+22	2,398263E+22	2,515813E+22	2,515812E+22	2,398282E+22	2,157250E+22	1,822259E+22	1,483092E+22	1,265673E+22	1,265675E+22	1,483096E+22	1,822261E+22
640	2,157234E+22	2,398242E+22	2,515745E+22	2,515712E+22	2,398176E+22	2,157189E+22	1,822238E+22	1,483081E+22	1,265658E+22	1,265651E+22	1,483058E+22	1,822200E+22
641	2,157158E+22	2,398169E+22	2,515722E+22	2,515773E+22	2,398268E+22	2,157251E+22	1,822268E+22	1,483088E+22	1,265645E+22	1,265628E+22	1,483042E+22	1,822210E+22
642	2,157219E+22	2,398283E+22	2,515817E+22	2,515817E+22	2,398264E+22	2,157202E+22	1,822197E+22	1,483023E+22	1,265605E+22	1,265629E+22	1,483085E+22	1,822268E+22
643	2,157232E+22	2,398218E+22	2,515703E+22	2,515694E+22	2,398201E+22	2,157203E+22	1,822212E+22	1,483023E+22	1,265580E+22	1,265570E+22	1,483007E+22	1,822195E+22
644	2,157187E+22	2,398227E+22	2,515786E+22	2,515810E+22	2,398296E+22	2,157271E+22	1,822246E+22	1,483017E+22	1,265552E+22	1,265545E+22	1,482999E+22	1,822229E+22
645	2,157277E+22	2,398326E+22	2,515844E+22	2,515819E+22	2,398229E+22	2,157171E+22	1,822173E+22	1,482977E+22	1,265530E+22	1,265538E+22	1,482996E+22	1,822204E+22
646	2,157221E+22	2,398248E+22	2,515742E+22	2,515754E+22	2,398250E+22	2,157214E+22	1,822206E+22	1,483001E+22	1,265535E+22	1,265517E+22	1,482959E+22	1,822152E+22
647	2,157166E+22	2,398263E+22	2,515854E+22	2,515873E+22	2,398337E+22	2,157264E+22	1,822209E+22	1,482985E+22	1,265536E+22	1,265545E+22	1,483011E+22	1,822229E+22
648	2,157237E+22	2,398263E+22	2,515793E+22	2,515779E+22	2,398232E+22	2,157208E+22	1,822198E+22	1,482983E+22	1,265534E+22	1,265543E+22	1,482999E+22	1,822196E+22
649	2,157182E+22	2,398180E+22	2,515704E+22	2,515757E+22	2,398272E+22	2,157260E+22	1,822257E+22	1,483041E+22	1,265572E+22	1,265553E+22	1,482989E+22	1,822188E+22
650	2,157221E+22	2,398292E+22	2,515815E+22	2,515806E+22	2,398268E+22	2,157218E+22	1,822210E+22	1,483023E+22	1,265594E+22	1,265608E+22	1,483063E+22	1,822259E+22
651	2,157248E+22	2,398252E+22	2,515728E+22	2,515681E+22	2,398162E+22	2,157173E+22	1,822214E+22	1,483058E+22	1,265634E+22	1,265624E+22	1,483037E+22	1,822191E+22
652	2,157161E+22	2,398189E+22	2,515749E+22	2,515772E+22	2,398250E+22	2,157238E+22	1,822264E+22	1,483098E+22	1,265672E+22	1,265663E+22	1,483072E+22	1,822235E+22
653	2,157232E+22	2,398273E+22	2,515812E+22	2,515809E+22	2,398225E+22	2,157165E+22	1,822200E+22	1,483071E+22	1,265684E+22	1,265707E+22	1,483131E+22	1,822271E+22
654	2,157210E+22	2,398189E+22	2,515672E+22	2,515679E+22	2,398195E+22	2,157204E+22	1,822253E+22	1,483119E+22	1,265714E+22	1,265710E+22	1,483109E+22	1,822226E+22
655	2,157154E+22	2,398176E+22	2,515742E+22	2,515774E+22	2,398273E+22	2,157266E+22	1,822292E+22	1,483142E+22	1,265738E+22	1,265740E+22	1,483146E+22	1,822295E+22
656	2,157254E+22	2,398242E+22	2,515737E+22	2,515711E+22	2,398176E+22	2,157191E+22	1,822258E+22	1,483135E+22	1,265743E+22	1,265746E+22	1,483137E+22	1,822250E+22
657	2,157183E+22	2,398158E+22	2,515648E+22	2,515664E+22	2,398189E+22	2,157226E+22	1,822306E+22	1,483182E+22	1,265770E+22	1,265741E+22	1,483105E+22	1,822210E+22
658	2,157169E+22	2,398225E+22	2,515779E+22	2,515775E+22	2,398236E+22	2,157208E+22	1,822253E+22	1,483137E+22	1,265755E+22	1,265764E+22	1,483165E+22	1,822292E+22
659	2,157224E+22	2,398203E+22	2,515705E+22	2,515681E+22	2,398153E+22	2,157162E+22	1,822230E+22	1,483120E+22	1,265735E+22	1,265733E+22	1,483121E+22	1,822230E+22
660	2,157147E+22	2,398123E+22	2,515665E+22	2,515722E+22	2,398239E+22	2,157243E+22	1,822283E+22	1,483129E+22	1,265710E+22	1,265699E+22	1,483102E+22	1,822251E+22
661	2,157229E+22	2,398257E+22	2,515782E+22	2,515784E+22	2,398235E+22	2,157188E+22	1,822210E+22	1,483062E+22	1,265658E+22	1,265677E+22	1,483115E+22	1,822284E+22
662	2,157244E+22	2,398229E+22	2,515699E+22	2,515661E+22	2,398165E+22	2,157186E+22	1,822230E+22	1,483070E+22	1,265638E+22	1,265625E+22	1,483042E+22	1,822196E+22
663	2,157160E+22	2,398198E+22	2,515769E+22	2,515786E+22	2,398261E+22	2,157245E+22	1,822256E+22	1,483073E+22	1,265634E+22	1,265621E+22	1,483042E+22	1,822231E+22
664	2,157249E+22	2,398288E+22	2,515813E+22	2,515797E+22	2,398230E+22	2,157180E+22	1,822191E+22	1,483025E+22	1,265607E+22	1,265616E+22	1,483043E+22	1,822203E+22
665	2,157178E+22	2,398191E+22	2,515694E+22	2,515713E+22	2,398236E+22	2,157226E+22	1,822240E+22	1,483062E+22	1,265620E+22	1,265603E+22	1,483016E+22	1,822171E+22
666	2,157150E+22	2,398210E+22	2,515788E+22	2,515810E+22	2,398292E+22	2,157249E+22	1,822231E+22	1,483043E+22	1,265617E+22	1,265627E+22	1,483074E+22	1,822267E+22
667	2,157245E+22	2,398236E+22	2,515740E+22	2,515718E+22	2,398184E+22	2,157179E+22	1,822213E+22	1,483053E+22	1,265630E+22	1,265629E+22	1,483053E+22	1,822214E+22
668	2,157174E+22	2,398154E+22	2,515662E+22	2,515695E+22	2,398215E+22	2,157232E+22	1,822276E+22	1,483110E+22	1,265671E+22	1,265650E+22	1,483053E+22	1,822210E+22
669	2,157209E+22	2,398265E+22	2,515800E+22	2,515783E+22	2,398224E+22	2,157181E+22	1,822213E+22	1,483077E+22	1,265680E+22	1,265696E+22	1,483120E+22	1,822272E+22
670	2,157231E+22	2,398232E+22	2,515719E+22	2,515669E+22	2,398142E+22	2,157153E+22	1,822221E+22	1,483107E+22	1,265716E+22	1,265718E+22	1,483113E+22	1,822217E+22
671	2,157129E+22	2,398130E+22	2,515700E+22	2,515742E+22	2,398234E+22	2,157231E+22	1,822278E+22	1,483153E+22	1,265762E+22	1,265760E+22	1,483146E+22	1,822273E+22
672	2,157229E+22	2,398230E+22	2,515747E+22	2,515751E+22	2,398215E+22	2,157190E+22	1,822238E+22	1,483131E+22	1,265766E+22	1,265789E+22	1,483185E+22	1,822288E+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												
673	2,157199E+22	2,398157E+22	2,515626E+22	2,515619E+22	2,398157E+22	2,157207E+22	1,822300E+22	1,483200E+22	1,265810E+22	1,265792E+22	1,483153E+22	1,822236E+22
674	2,157149E+22	2,398152E+22	2,515702E+22	2,515716E+22	2,398211E+22	2,157230E+22	1,822307E+22	1,483208E+22	1,265832E+22	1,265826E+22	1,483197E+22	1,822305E+22
675	2,157239E+22	2,398217E+22	2,515713E+22	2,515679E+22	2,398133E+22	2,157151E+22	1,822262E+22	1,483199E+22	1,265841E+22	1,265839E+22	1,483192E+22	1,822253E+22
676	2,157144E+22	2,398106E+22	2,515610E+22	2,515634E+22	2,398163E+22	2,157207E+22	1,822313E+22	1,483232E+22	1,265854E+22	1,265835E+22	1,483179E+22	1,822240E+22
677	2,157147E+22	2,398169E+22	2,515734E+22	2,515746E+22	2,398215E+22	2,157198E+22	1,822259E+22	1,483169E+22	1,265813E+22	1,265831E+22	1,483220E+22	1,822324E+22
678	2,157228E+22	2,398182E+22	2,515671E+22	2,515644E+22	2,398129E+22	2,157161E+22	1,822251E+22	1,483159E+22	1,265786E+22	1,265793E+22	1,483175E+22	1,822260E+22
679	2,157148E+22	2,398096E+22	2,515623E+22	2,515676E+22	2,398200E+22	2,157224E+22	1,822296E+22	1,483179E+22	1,265779E+22	1,265763E+22	1,483141E+22	1,822268E+22
680	2,157237E+22	2,398250E+22	2,515750E+22	2,515734E+22	2,398208E+22	2,157190E+22	1,822232E+22	1,483112E+22	1,265728E+22	1,265739E+22	1,483142E+22	1,822272E+22
681	2,157217E+22	2,398210E+22	2,515692E+22	2,515639E+22	2,398136E+22	2,157176E+22	1,822255E+22	1,483131E+22	1,265721E+22	1,265701E+22	1,483079E+22	1,822193E+22
682	2,157132E+22	2,398154E+22	2,515736E+22	2,515761E+22	2,398231E+22	2,157216E+22	1,822256E+22	1,483118E+22	1,265712E+22	1,265704E+22	1,483101E+22	1,822249E+22
683	2,157228E+22	2,398239E+22	2,515766E+22	2,515763E+22	2,398210E+22	2,157168E+22	1,822203E+22	1,483077E+22	1,265689E+22	1,265700E+22	1,483103E+22	1,822225E+22
684	2,157159E+22	2,398137E+22	2,515630E+22	2,515652E+22	2,398196E+22	2,157221E+22	1,822268E+22	1,483120E+22	1,265701E+22	1,265688E+22	1,483082E+22	1,822206E+22
685	2,157149E+22	2,398175E+22	2,515741E+22	2,515755E+22	2,398240E+22	2,157225E+22	1,822248E+22	1,483098E+22	1,265694E+22	1,265699E+22	1,483119E+22	1,822284E+22
686	2,157251E+22	2,398235E+22	2,515725E+22	2,515677E+22	2,398134E+22	2,157151E+22	1,822226E+22	1,483108E+22	1,265713E+22	1,265716E+22	1,483112E+22	1,822225E+22
687	2,157149E+22	2,398118E+22	2,515636E+22	2,515668E+22	2,398174E+22	2,157194E+22	1,822277E+22	1,483169E+22	1,265769E+22	1,265750E+22	1,483120E+22	1,822229E+22
688	2,157190E+22	2,398226E+22	2,515759E+22	2,515754E+22	2,398221E+22	2,157188E+22	1,822229E+22	1,483129E+22	1,265769E+22	1,265790E+22	1,483184E+22	1,822286E+22
689	2,157201E+22	2,398183E+22	2,515680E+22	2,515637E+22	2,398129E+22	2,157167E+22	1,822259E+22	1,483174E+22	1,265807E+22	1,265809E+22	1,483174E+22	1,822244E+22
690	2,157123E+22	2,398083E+22	2,515639E+22	2,515687E+22	2,398196E+22	2,157222E+22	1,822307E+22	1,483218E+22	1,265851E+22	1,265846E+22	1,483208E+22	1,822302E+22
691	2,157233E+22	2,398206E+22	2,515701E+22	2,515698E+22	2,398174E+22	2,157175E+22	1,822268E+22	1,483209E+22	1,265866E+22	1,265877E+22	1,483235E+22	1,822296E+22
692	2,157180E+22	2,398124E+22	2,515582E+22	2,515562E+22	2,398105E+22	2,157191E+22	1,822329E+22	1,483275E+22	1,265913E+22	1,265892E+22	1,483217E+22	1,822252E+22
693	2,157124E+22	2,398110E+22	2,515674E+22	2,515690E+22	2,398169E+22	2,157198E+22	1,822314E+22	1,483263E+22	1,265918E+22	1,265914E+22	1,483255E+22	1,822320E+22
694	2,157221E+22	2,398186E+22	2,515687E+22	2,515658E+22	2,398108E+22	2,157129E+22	1,822263E+22	1,483237E+22	1,265914E+22	1,265927E+22	1,483267E+22	1,822283E+22
695	2,157121E+22	2,398048E+22	2,515550E+22	2,515590E+22	2,398132E+22	2,157191E+22	1,822318E+22	1,483272E+22	1,265925E+22	1,265915E+22	1,483245E+22	1,822282E+22
696	2,157161E+22	2,398145E+22	2,515676E+22	2,515686E+22	2,398191E+22	2,157209E+22	1,822283E+22	1,483211E+22	1,265871E+22	1,265889E+22	1,483259E+22	1,822338E+22
697	2,157230E+22	2,398175E+22	2,515648E+22	2,515599E+22	2,398087E+22	2,157151E+22	1,822280E+22	1,483217E+22	1,265856E+22	1,265849E+22	1,483198E+22	1,822262E+22
698	2,157148E+22	2,398089E+22	2,515606E+22	2,515640E+22	2,398150E+22	2,157190E+22	1,822301E+22	1,483226E+22	1,265851E+22	1,265829E+22	1,483174E+22	1,822264E+22
699	2,157218E+22	2,398232E+22	2,515741E+22	2,515724E+22	2,398184E+22	2,157164E+22	1,822237E+22	1,483165E+22	1,265808E+22	1,265814E+22	1,483182E+22	1,822260E+22
700	2,157168E+22	2,398154E+22	2,515654E+22	2,515622E+22	2,398125E+22	2,157175E+22	1,822272E+22	1,483181E+22	1,265799E+22	1,265786E+22	1,483144E+22	1,822213E+22
701	2,157099E+22	2,398088E+22	2,515682E+22	2,515731E+22	2,398213E+22	2,157216E+22	1,822276E+22	1,483162E+22	1,265777E+22	1,265774E+22	1,483155E+22	1,822274E+22
702	2,157221E+22	2,398203E+22	2,515718E+22	2,515718E+22	2,398178E+22	2,157165E+22	1,822230E+22	1,483129E+22	1,265759E+22	1,265777E+22	1,483167E+22	1,822253E+22
703	2,157152E+22	2,398099E+22	2,515574E+22	2,515593E+22	2,398143E+22	2,157198E+22	1,822286E+22	1,483184E+22	1,265792E+22	1,265775E+22	1,483142E+22	1,822234E+22
704	2,157158E+22	2,398165E+22	2,515699E+22	2,515693E+22	2,398196E+22	2,157216E+22	1,822268E+22	1,483158E+22	1,265782E+22	1,265787E+22	1,483171E+22	1,822289E+22
705	2,157230E+22	2,398215E+22	2,515713E+22	2,515653E+22	2,398098E+22	2,157129E+22	1,822244E+22	1,483173E+22	1,265810E+22	1,265811E+22	1,483172E+22	1,822243E+22
706	2,157136E+22	2,398078E+22	2,515597E+22	2,515642E+22	2,398145E+22	2,157167E+22	1,822275E+22	1,483215E+22	1,265858E+22	1,265848E+22	1,483194E+22	1,822263E+22
707	2,157183E+22	2,398186E+22	2,515710E+22	2,515718E+22	2,398200E+22	2,157183E+22	1,822252E+22	1,483190E+22	1,265857E+22	1,265880E+22	1,483249E+22	1,822312E+22
708	2,157188E+22	2,398139E+22	2,515623E+22	2,515586E+22	2,398093E+22	2,157170E+22	1,822300E+22	1,483246E+22	1,265898E+22	1,265898E+22	1,483239E+22	1,822273E+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	2,157117E+22	2,398052E+22	2,515598E+22	2,515635E+22	2,398143E+22	2,157202E+22	1,822333E+22	1,483285E+22	1,265938E+22	1,265924E+22	1,483251E+22	1,822307E+22
710	2,157219E+22	2,398192E+22	2,515684E+22	2,515663E+22	2,398128E+22	2,157151E+22	1,822287E+22	1,483270E+22	1,265958E+22	1,265971E+22	1,483295E+22	1,822299E+22
711	2,157142E+22	2,398075E+22	2,515545E+22	2,515533E+22	2,398065E+22	2,157159E+22	1,822334E+22	1,483333E+22	1,266009E+22	1,265992E+22	1,483286E+22	1,822272E+22
712	2,157103E+22	2,398064E+22	2,515613E+22	2,515642E+22	2,398153E+22	2,157201E+22	1,822328E+22	1,483309E+22	1,265997E+22	1,265999E+22	1,483316E+22	1,822337E+22
713	2,157197E+22	2,398143E+22	2,515642E+22	2,515619E+22	2,398084E+22	2,157132E+22	1,822293E+22	1,483293E+22	1,265989E+22	1,266000E+22	1,483319E+22	1,822316E+22
714	2,157131E+22	2,398019E+22	2,515497E+22	2,515539E+22	2,398087E+22	2,157167E+22	1,822328E+22	1,483318E+22	1,265993E+22	1,265981E+22	1,483292E+22	1,822308E+22
715	2,157173E+22	2,398141E+22	2,515649E+22	2,515645E+22	2,398149E+22	2,157186E+22	1,822301E+22	1,483269E+22	1,265946E+22	1,265953E+22	1,483292E+22	1,822336E+22
716	2,157210E+22	2,398156E+22	2,515632E+22	2,515573E+22	2,398049E+22	2,157136E+22	1,822300E+22	1,483271E+22	1,265934E+22	1,265925E+22	1,483245E+22	1,822263E+22
717	2,157113E+22	2,398053E+22	2,515592E+22	2,515633E+22	2,398124E+22	2,157166E+22	1,822305E+22	1,483268E+22	1,265919E+22	1,265899E+22	1,483219E+22	1,822264E+22
718	2,157183E+22	2,398192E+22	2,515713E+22	2,515714E+22	2,398180E+22	2,157162E+22	1,822245E+22	1,483198E+22	1,265875E+22	1,265896E+22	1,483248E+22	1,822281E+22
719	2,157138E+22	2,398088E+22	2,515582E+22	2,515575E+22	2,398101E+22	2,157173E+22	1,822292E+22	1,483229E+22	1,265874E+22	1,265868E+22	1,483211E+22	1,822253E+22
720	2,157108E+22	2,398055E+22	2,515602E+22	2,515656E+22	2,398179E+22	2,157225E+22	1,822309E+22	1,483219E+22	1,265850E+22	1,265844E+22	1,483203E+22	1,822293E+22
721	2,157220E+22	2,398191E+22	2,515683E+22	2,515664E+22	2,398123E+22	2,157146E+22	1,822261E+22	1,483199E+22	1,265846E+22	1,265852E+22	1,483209E+22	1,822270E+22
722	2,157156E+22	2,398086E+22	2,515546E+22	2,515550E+22	2,398082E+22	2,157151E+22	1,822285E+22	1,483235E+22	1,265879E+22	1,265864E+22	1,483198E+22	1,822248E+22
723	2,157148E+22	2,398152E+22	2,515686E+22	2,515677E+22	2,398160E+22	2,157180E+22	1,822272E+22	1,483214E+22	1,265872E+22	1,265879E+22	1,483232E+22	1,822297E+22
724	2,157195E+22	2,398169E+22	2,515675E+22	2,515631E+22	2,398082E+22	2,157127E+22	1,822263E+22	1,483227E+22	1,265897E+22	1,265907E+22	1,483246E+22	1,822271E+22
725	2,157112E+22	2,398029E+22	2,515554E+22	2,515611E+22	2,398124E+22	2,157168E+22	1,822302E+22	1,483269E+22	1,265934E+22	1,265926E+22	1,483250E+22	1,822286E+22
726	2,157176E+22	2,398158E+22	2,515669E+22	2,515680E+22	2,398172E+22	2,157182E+22	1,822284E+22	1,483252E+22	1,265942E+22	1,265966E+22	1,483307E+22	1,822327E+22
727	2,157169E+22	2,398096E+22	2,515563E+22	2,515529E+22	2,398046E+22	2,157154E+22	1,822332E+22	1,483324E+22	1,266003E+22	1,265995E+22	1,483299E+22	1,822290E+22
728	2,157108E+22	2,398026E+22	2,515543E+22	2,515576E+22	2,398105E+22	2,157195E+22	1,822363E+22	1,483357E+22	1,266037E+22	1,266019E+22	1,483309E+22	1,822308E+22
729	2,157180E+22	2,398152E+22	2,515655E+22	2,515635E+22	2,398090E+22	2,157128E+22	1,822307E+22	1,483339E+22	1,266058E+22	1,266068E+22	1,483361E+22	1,822324E+22
730	2,157125E+22	2,398023E+22	2,515489E+22	2,515491E+22	2,398028E+22	2,157128E+22	1,822330E+22	1,483374E+22	1,266092E+22	1,266087E+22	1,483363E+22	1,822313E+22
731	2,157106E+22	2,398035E+22	2,515563E+22	2,515594E+22	2,398113E+22	2,157183E+22	1,822344E+22	1,483360E+22	1,266070E+22	1,266076E+22	1,483375E+22	1,822365E+22
732	2,157196E+22	2,398116E+22	2,515595E+22	2,515569E+22	2,398045E+22	2,157122E+22	1,822318E+22	1,483347E+22	1,266060E+22	1,266070E+22	1,483369E+22	1,822338E+22
733	2,157130E+22	2,398011E+22	2,515480E+22	2,515506E+22	2,398045E+22	2,157141E+22	1,822339E+22	1,483363E+22	1,266056E+22	1,266037E+22	1,483320E+22	1,822305E+22
734	2,157158E+22	2,398136E+22	2,515649E+22	2,515636E+22	2,398123E+22	2,157166E+22	1,822310E+22	1,483310E+22	1,266014E+22	1,266026E+22	1,483334E+22	1,822328E+22
735	2,157164E+22	2,398105E+22	2,515599E+22	2,515564E+22	2,398037E+22	2,157123E+22	1,822311E+22	1,483320E+22	1,266011E+22	1,266005E+22	1,483300E+22	1,822276E+22
736	2,157087E+22	2,398004E+22	2,515526E+22	2,515592E+22	2,398125E+22	2,157186E+22	1,822332E+22	1,483313E+22	1,265987E+22	1,265971E+22	1,483272E+22	1,822277E+22
737	2,157151E+22	2,398140E+22	2,515659E+22	2,515672E+22	2,398158E+22	2,157171E+22	1,822286E+22	1,483260E+22	1,265948E+22	1,265964E+22	1,483298E+22	1,822314E+22
738	2,157146E+22	2,398054E+22	2,515518E+22	2,515511E+22	2,398049E+22	2,157146E+22	1,822306E+22	1,483282E+22	1,265951E+22	1,265943E+22	1,483266E+22	1,822285E+22
739	2,157124E+22	2,398054E+22	2,515567E+22	2,515595E+22	2,398115E+22	2,157189E+22	1,822328E+22	1,483284E+22	1,265935E+22	1,265923E+22	1,483251E+22	1,822304E+22
740	2,157207E+22	2,398177E+22	2,515664E+22	2,515629E+22	2,398074E+22	2,157116E+22	1,822275E+22	1,483258E+22	1,265936E+22	1,265943E+22	1,483272E+22	1,822287E+22
741	2,157132E+22	2,398063E+22	2,515538E+22	2,515539E+22	2,398050E+22	2,157113E+22	1,822278E+22	1,483276E+22	1,265954E+22	1,265945E+22	1,483256E+22	1,822263E+22
742	2,157125E+22	2,398118E+22	2,515661E+22	2,515666E+22	2,398153E+22	2,157175E+22	1,822280E+22	1,483250E+22	1,265947E+22	1,265969E+22	1,483302E+22	1,822321E+22
743	2,157170E+22	2,398111E+22	2,515612E+22	2,515593E+22	2,398064E+22	2,157130E+22	1,822293E+22	1,483285E+22	1,265980E+22	1,265993E+22	1,483311E+22	1,822304E+22
744	2,157113E+22	2,397999E+22	2,515480E+22	2,515540E+22	2,398094E+22	2,157178E+22	1,822345E+22	1,483343E+22	1,266023E+22	1,266006E+22	1,483297E+22	1,822290E+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°
745	2,157152E+22	2,398130E+22	2,515634E+22	2,515632E+22	2,398127E+22	2,157171E+22	1,822326E+22	1,483339E+22	1,266048E+22	1,266054E+22	1,483354E+22	1,822337E+22
746	2,157153E+22	2,398060E+22	2,515520E+22	2,515484E+22	2,397992E+22	2,157110E+22	1,822338E+22	1,483390E+22	1,266108E+22	1,266101E+22	1,483367E+22	1,822306E+22
747	2,157086E+22	2,397992E+22	2,515505E+22	2,515539E+22	2,398062E+22	2,157161E+22	1,822375E+22	1,483422E+22	1,266135E+22	1,266122E+22	1,483382E+22	1,822328E+22
748	2,157146E+22	2,398095E+22	2,515601E+22	2,515595E+22	2,398064E+22	2,157121E+22	1,822326E+22	1,483393E+22	1,266143E+22	1,266164E+22	1,483441E+22	1,822364E+22
749	2,157112E+22	2,397985E+22	2,515447E+22	2,515449E+22	2,397992E+22	2,157112E+22	1,822344E+22	1,483417E+22	1,266156E+22	1,266155E+22	1,483417E+22	1,822344E+22
750	2,157113E+22	2,398024E+22	2,515536E+22	2,515559E+22	2,398084E+22	2,157171E+22	1,822360E+22	1,483403E+22	1,266138E+22	1,266147E+22	1,483422E+22	1,822380E+22
751	2,157187E+22	2,398093E+22	2,515558E+22	2,515529E+22	2,398011E+22	2,157108E+22	1,822339E+22	1,483404E+22	1,266139E+22	1,266143E+22	1,483412E+22	1,822347E+22
752	2,157121E+22	2,397997E+22	2,515448E+22	2,515472E+22	2,398026E+22	2,157138E+22	1,822363E+22	1,483419E+22	1,266132E+22	1,266108E+22	1,483358E+22	1,822297E+22
753	2,157113E+22	2,398094E+22	2,515629E+22	2,515628E+22	2,398112E+22	2,157159E+22	1,822332E+22	1,483369E+22	1,266094E+22	1,266099E+22	1,483382E+22	1,822346E+22
754	2,157141E+22	2,398046E+22	2,515537E+22	2,515523E+22	2,398016E+22	2,157109E+22	1,822318E+22	1,483362E+22	1,266083E+22	1,266086E+22	1,483365E+22	1,822312E+22
755	2,157088E+22	2,397973E+22	2,515469E+22	2,515529E+22	2,398079E+22	2,157174E+22	1,822361E+22	1,483370E+22	1,266056E+22	1,266042E+22	1,483326E+22	1,822305E+22
756	2,157148E+22	2,398111E+22	2,515606E+22	2,515607E+22	2,398103E+22	2,157151E+22	1,822311E+22	1,483320E+22	1,266025E+22	1,266037E+22	1,483349E+22	1,822336E+22
757	2,157142E+22	2,398050E+22	2,515505E+22	2,515467E+22	2,397992E+22	2,157104E+22	1,822306E+22	1,483327E+22	1,266021E+22	1,266010E+22	1,483304E+22	1,822291E+22
758	2,157114E+22	2,398053E+22	2,515574E+22	2,515586E+22	2,398082E+22	2,157150E+22	1,822318E+22	1,483318E+22	1,266011E+22	1,266008E+22	1,483304E+22	1,822305E+22
759	2,157168E+22	2,398129E+22	2,515630E+22	2,515616E+22	2,398063E+22	2,157100E+22	1,822280E+22	1,483304E+22	1,266017E+22	1,266030E+22	1,483336E+22	1,822309E+22
760	2,157112E+22	2,398018E+22	2,515479E+22	2,515505E+22	2,398056E+22	2,157132E+22	1,822308E+22	1,483328E+22	1,266029E+22	1,266022E+22	1,483311E+22	1,822279E+22
761	2,157095E+22	2,398067E+22	2,515613E+22	2,515631E+22	2,398137E+22	2,157186E+22	1,822328E+22	1,483327E+22	1,266034E+22	1,266043E+22	1,483351E+22	1,822349E+22
762	2,157167E+22	2,398067E+22	2,515545E+22	2,515530E+22	2,398022E+22	2,157113E+22	1,822322E+22	1,483359E+22	1,266079E+22	1,266086E+22	1,483371E+22	1,822327E+22
763	2,157111E+22	2,397984E+22	2,515439E+22	2,515472E+22	2,398030E+22	2,157153E+22	1,822381E+22	1,483426E+22	1,266129E+22	1,266106E+22	1,483358E+22	1,822299E+22
764	2,157119E+22	2,398087E+22	2,515595E+22	2,515586E+22	2,398077E+22	2,157142E+22	1,822347E+22	1,483413E+22	1,266157E+22	1,266165E+22	1,483431E+22	1,822357E+22
765	2,157121E+22	2,398019E+22	2,515490E+22	2,515452E+22	2,397954E+22	2,157072E+22	1,822332E+22	1,483437E+22	1,266196E+22	1,266198E+22	1,483442E+22	1,822340E+22
766	2,157074E+22	2,397955E+22	2,515465E+22	2,515507E+22	2,398038E+22	2,157143E+22	1,822374E+22	1,483456E+22	1,266213E+22	1,266217E+22	1,483458E+22	1,822367E+22
767	2,157139E+22	2,398049E+22	2,515538E+22	2,515541E+22	2,398032E+22	2,157114E+22	1,822350E+22	1,483447E+22	1,266218E+22	1,266242E+22	1,483502E+22	1,822404E+22
768	2,157131E+22	2,397975E+22	2,515398E+22	2,515392E+22	2,397963E+22	2,157110E+22	1,822374E+22	1,483476E+22	1,266228E+22	1,266216E+22	1,483449E+22	1,822346E+22
769	2,157098E+22	2,398013E+22	2,515528E+22	2,515536E+22	2,398052E+22	2,157158E+22	1,822390E+22	1,483471E+22	1,266220E+22	1,266211E+22	1,483451E+22	1,822380E+22
770	2,157168E+22	2,398064E+22	2,515533E+22	2,515507E+22	2,397985E+22	2,157080E+22	1,822344E+22	1,483456E+22	1,266222E+22	1,266226E+22	1,483461E+22	1,822350E+22
771	2,157092E+22	2,397963E+22	2,515417E+22	2,515441E+22	2,398001E+22	2,157126E+22	1,822383E+22	1,483475E+22	1,266211E+22	1,266189E+22	1,483414E+22	1,822306E+22
772	2,157072E+22	2,398027E+22	2,515572E+22	2,515589E+22	2,398097E+22	2,157165E+22	1,822360E+22	1,483423E+22	1,266170E+22	1,266179E+22	1,483445E+22	1,822372E+22
773	2,157124E+22	2,398007E+22	2,515492E+22	2,515472E+22	2,397975E+22	2,157088E+22	1,822330E+22	1,483405E+22	1,266145E+22	1,266149E+22	1,483412E+22	1,822340E+22
774	2,157094E+22	2,397958E+22	2,515436E+22	2,515481E+22	2,398035E+22	2,157147E+22	1,822365E+22	1,483411E+22	1,266127E+22	1,266116E+22	1,483374E+22	1,822321E+22
775	2,157141E+22	2,398088E+22	2,515572E+22	2,515559E+22	2,398058E+22	2,157125E+22	1,822323E+22	1,483372E+22	1,266104E+22	1,266115E+22	1,483400E+22	1,822354E+22
776	2,157138E+22	2,398036E+22	2,515480E+22	2,515439E+22	2,397968E+22	2,157085E+22	1,822314E+22	1,483374E+22	1,266095E+22	1,266085E+22	1,483350E+22	1,822293E+22
777	2,157078E+22	2,398014E+22	2,515558E+22	2,515583E+22	2,398079E+22	2,157143E+22	1,822332E+22	1,483371E+22	1,266090E+22	1,266083E+22	1,483358E+22	1,822332E+22
778	2,157154E+22	2,398074E+22	2,515571E+22	2,515577E+22	2,398051E+22	2,157095E+22	1,822292E+22	1,483350E+22	1,266095E+22	1,266116E+22	1,483402E+22	1,822344E+22
779	2,157114E+22	2,397987E+22	2,515425E+22	2,515441E+22	2,398012E+22	2,157131E+22	1,822352E+22	1,483401E+22	1,266115E+22	1,266103E+22	1,483366E+22	1,822300E+22
780	2,157080E+22	2,398025E+22	2,515558E+22	2,515569E+22	2,398091E+22	2,157177E+22	1,822368E+22	1,483409E+22	1,266135E+22	1,266135E+22	1,483407E+22	1,822360E+22

1 Longitude ☉ 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°
781	2,157147E+22	2,398047E+22	2,515522E+22	2,515479E+22	2,397963E+22	2,157076E+22	1,822333E+22	1,483425E+22	1,266176E+22	1,266179E+22	1,483427E+22	1,822336E+22
782	2,157090E+22	2,397960E+22	2,515424E+22	2,515445E+22	2,397990E+22	2,157117E+22	1,822379E+22	1,483477E+22	1,266228E+22	1,266214E+22	1,483430E+22	1,822314E+22
783	2,157084E+22	2,398027E+22	2,515540E+22	2,515547E+22	2,398052E+22	2,157127E+22	1,822359E+22	1,483468E+22	1,266250E+22	1,266268E+22	1,483511E+22	1,822396E+22
784	2,157114E+22	2,397975E+22	2,515428E+22	2,515406E+22	2,397941E+22	2,157077E+22	1,822356E+22	1,483490E+22	1,266275E+22	1,266279E+22	1,483503E+22	1,822368E+22
785	2,157066E+22	2,397922E+22	2,515428E+22	2,515473E+22	2,398015E+22	2,157141E+22	1,822406E+22	1,483523E+22	1,266294E+22	1,266285E+22	1,483506E+22	1,822400E+22
786	2,157150E+22	2,398023E+22	2,515488E+22	2,515487E+22	2,397994E+22	2,157095E+22	1,822369E+22	1,483509E+22	1,266306E+22	1,266322E+22	1,483550E+22	1,822420E+22
787	2,157133E+22	2,397975E+22	2,515385E+22	2,515347E+22	2,397912E+22	2,157093E+22	1,822407E+22	1,483546E+22	1,266317E+22	1,266298E+22	1,483494E+22	1,822343E+22
788	2,157061E+22	2,397972E+22	2,515505E+22	2,515514E+22	2,398021E+22	2,157139E+22	1,822410E+22	1,483535E+22	1,266311E+22	1,266300E+22	1,483506E+22	1,822381E+22
789	2,157125E+22	2,398017E+22	2,515504E+22	2,515485E+22	2,397965E+22	2,157060E+22	1,822342E+22	1,483494E+22	1,266294E+22	1,266304E+22	1,483519E+22	1,822372E+22
790	2,157073E+22	2,397920E+22	2,515375E+22	2,515405E+22	2,397981E+22	2,157118E+22	1,822384E+22	1,483504E+22	1,266276E+22	1,266268E+22	1,483475E+22	1,822334E+22
791	2,157061E+22	2,397973E+22	2,515498E+22	2,515520E+22	2,398056E+22	2,157157E+22	1,822383E+22	1,483472E+22	1,266237E+22	1,266246E+22	1,483496E+22	1,822406E+22
792	2,157140E+22	2,397991E+22	2,515441E+22	2,515414E+22	2,397937E+22	2,157074E+22	1,822348E+22	1,483456E+22	1,266213E+22	1,266207E+22	1,483444E+22	1,822344E+22
793	2,157085E+22	2,397949E+22	2,515432E+22	2,515460E+22	2,397998E+22	2,157118E+22	1,822375E+22	1,483465E+22	1,266202E+22	1,266178E+22	1,483410E+22	1,822332E+22
794	2,157128E+22	2,398057E+22	2,515547E+22	2,515537E+22	2,398030E+22	2,157093E+22	1,822319E+22	1,483415E+22	1,266182E+22	1,266197E+22	1,483456E+22	1,822367E+22
795	2,157120E+22	2,398008E+22	2,515457E+22	2,515411E+22	2,397945E+22	2,157081E+22	1,822336E+22	1,483423E+22	1,266169E+22	1,266165E+22	1,483408E+22	1,822307E+22
796	2,157045E+22	2,397954E+22	2,515506E+22	2,515546E+22	2,398065E+22	2,157155E+22	1,822367E+22	1,483431E+22	1,266170E+22	1,266165E+22	1,483415E+22	1,822350E+22
797	2,157137E+22	2,398039E+22	2,515526E+22	2,515526E+22	2,398017E+22	2,157087E+22	1,822316E+22	1,483409E+22	1,266174E+22	1,266191E+22	1,483451E+22	1,822364E+22
798	2,157113E+22	2,397968E+22	2,515391E+22	2,515389E+22	2,397968E+22	2,157112E+22	1,822368E+22	1,483463E+22	1,266212E+22	1,266199E+22	1,483423E+22	1,822311E+22
799	2,157060E+22	2,397983E+22	2,515508E+22	2,515511E+22	2,398039E+22	2,157155E+22	1,822394E+22	1,483484E+22	1,266241E+22	1,266238E+22	1,483474E+22	1,822380E+22
800	2,157131E+22	2,398010E+22	2,515481E+22	2,515444E+22	2,397932E+22	2,157051E+22	1,822346E+22	1,483489E+22	1,266275E+22	1,266278E+22	1,483494E+22	1,822352E+22
801	2,157059E+22	2,397911E+22	2,515392E+22	2,515426E+22	2,397971E+22	2,157101E+22	1,822390E+22	1,483536E+22	1,266320E+22	1,266307E+22	1,483505E+22	1,822360E+22
802	2,157083E+22	2,397976E+22	2,515474E+22	2,515491E+22	2,398019E+22	2,157114E+22	1,822372E+22	1,483519E+22	1,266335E+22	1,266362E+22	1,483586E+22	1,822440E+22
803	2,157131E+22	2,397962E+22	2,515386E+22	2,515340E+22	2,397885E+22	2,157067E+22	1,822394E+22	1,483557E+22	1,266357E+22	1,266358E+22	1,483555E+22	1,822386E+22
804	2,157060E+22	2,397899E+22	2,515396E+22	2,515429E+22	2,397975E+22	2,157129E+22	1,822437E+22	1,483595E+22	1,266387E+22	1,266368E+22	1,483549E+22	1,822397E+22
805	2,157130E+22	2,398014E+22	2,515482E+22	2,515459E+22	2,397953E+22	2,157064E+22	1,822372E+22	1,483561E+22	1,266389E+22	1,266401E+22	1,483592E+22	1,822416E+22
806	2,157100E+22	2,397942E+22	2,515372E+22	2,515338E+22	2,397893E+22	2,157071E+22	1,822403E+22	1,483589E+22	1,266401E+22	1,266390E+22	1,483551E+22	1,822347E+22
807	2,157015E+22	2,397896E+22	2,515442E+22	2,515479E+22	2,398012E+22	2,157144E+22	1,822431E+22	1,483585E+22	1,266388E+22	1,266384E+22	1,483572E+22	1,822408E+22
808	2,157108E+22	2,397959E+22	2,515434E+22	2,515438E+22	2,397949E+22	2,157067E+22	1,822369E+22	1,483542E+22	1,266358E+22	1,266370E+22	1,483568E+22	1,822393E+22
809	2,157064E+22	2,397883E+22	2,515331E+22	2,515362E+22	2,397947E+22	2,157111E+22	1,822411E+22	1,483561E+22	1,266344E+22	1,266326E+22	1,483518E+22	1,822368E+22
810	2,157076E+22	2,397953E+22	2,515445E+22	2,515454E+22	2,398002E+22	2,157130E+22	1,822392E+22	1,483522E+22	1,266313E+22	1,266320E+22	1,483543E+22	1,822424E+22
811	2,157150E+22	2,397997E+22	2,515431E+22	2,515368E+22	2,397876E+22	2,157046E+22	1,822368E+22	1,483510E+22	1,266289E+22	1,266282E+22	1,483489E+22	1,822347E+22
812	2,157059E+22	2,397918E+22	2,515416E+22	2,515450E+22	2,397975E+22	2,157096E+22	1,822381E+22	1,483515E+22	1,266282E+22	1,266261E+22	1,483463E+22	1,822338E+22
813	2,157100E+22	2,398024E+22	2,515522E+22	2,515518E+22	2,398015E+22	2,157079E+22	1,822315E+22	1,483447E+22	1,266247E+22	1,266271E+22	1,483511E+22	1,822390E+22
814	2,157109E+22	2,397973E+22	2,515423E+22	2,515382E+22	2,397928E+22	2,157081E+22	1,822348E+22	1,483463E+22	1,266241E+22	1,266245E+22	1,483464E+22	1,822330E+22
815	2,157034E+22	2,397904E+22	2,515438E+22	2,515484E+22	2,398027E+22	2,157157E+22	1,822407E+22	1,483499E+22	1,266254E+22	1,266243E+22	1,483468E+22	1,822369E+22
816	2,157134E+22	2,398012E+22	2,515479E+22	2,515475E+22	2,397978E+22	2,157076E+22	1,822346E+22	1,483480E+22	1,266266E+22	1,266272E+22	1,483493E+22	1,822363E+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	2,157088E+22	2,397942E+22	2,515377E+22	2,515366E+22	2,397928E+22	2,157087E+22	1,822387E+22	1,483534E+22	1,266311E+22	1,266290E+22	1,483482E+22	1,822330E+22
818	2,157039E+22	2,397933E+22	2,515454E+22	2,515468E+22	2,398001E+22	2,157126E+22	1,822398E+22	1,483543E+22	1,266343E+22	1,266347E+22	1,483554E+22	1,822409E+22
819	2,157119E+22	2,397974E+22	2,515438E+22	2,515398E+22	2,397894E+22	2,157044E+22	1,822373E+22	1,483549E+22	1,266366E+22	1,266378E+22	1,483571E+22	1,822385E+22
820	2,157042E+22	2,397859E+22	2,515338E+22	2,515383E+22	2,397941E+22	2,157096E+22	1,822418E+22	1,483599E+22	1,266409E+22	1,266398E+22	1,483571E+22	1,822386E+22
821	2,157081E+22	2,397955E+22	2,515433E+22	2,515439E+22	2,397974E+22	2,157094E+22	1,822387E+22	1,483575E+22	1,266417E+22	1,266440E+22	1,483638E+22	1,822462E+22
822	2,157134E+22	2,397955E+22	2,515369E+22	2,515306E+22	2,397847E+22	2,157048E+22	1,822403E+22	1,483611E+22	1,266447E+22	1,266447E+22	1,483604E+22	1,822389E+22
823	2,157035E+22	2,397861E+22	2,515357E+22	2,515388E+22	2,397937E+22	2,157115E+22	1,822462E+22	1,483661E+22	1,266480E+22	1,266458E+22	1,483605E+22	1,822402E+22
824	2,157099E+22	2,397968E+22	2,515443E+22	2,515441E+22	2,397941E+22	2,157055E+22	1,822388E+22	1,483616E+22	1,266472E+22	1,266484E+22	1,483646E+22	1,822423E+22
825	2,157063E+22	2,397886E+22	2,515331E+22	2,515321E+22	2,397883E+22	2,157071E+22	1,822421E+22	1,483638E+22	1,266475E+22	1,266465E+22	1,483615E+22	1,822387E+22
826	2,157009E+22	2,397838E+22	2,515356E+22	2,515410E+22	2,397971E+22	2,157136E+22	1,822451E+22	1,483633E+22	1,266459E+22	1,266461E+22	1,483634E+22	1,822447E+22
827	2,157124E+22	2,397946E+22	2,515386E+22	2,515364E+22	2,397882E+22	2,157053E+22	1,822404E+22	1,483600E+22	1,266428E+22	1,266436E+22	1,483613E+22	1,822410E+22
828	2,157061E+22	2,397869E+22	2,515304E+22	2,515318E+22	2,397894E+22	2,157082E+22	1,822425E+22	1,483616E+22	1,266422E+22	1,266397E+22	1,483555E+22	1,822365E+22
829	2,157064E+22	2,397957E+22	2,515445E+22	2,515429E+22	2,397955E+22	2,157088E+22	1,822382E+22	1,483557E+22	1,266381E+22	1,266390E+22	1,483585E+22	1,822426E+22
830	2,157129E+22	2,397981E+22	2,515430E+22	2,515371E+22	2,397863E+22	2,157023E+22	1,822354E+22	1,483539E+22	1,266359E+22	1,266361E+22	1,483541E+22	1,822353E+22
831	2,157024E+22	2,397860E+22	2,515366E+22	2,515425E+22	2,397971E+22	2,157108E+22	1,822405E+22	1,483560E+22	1,266351E+22	1,266335E+22	1,483520E+22	1,822359E+22
832	2,157083E+22	2,397974E+22	2,515466E+22	2,515489E+22	2,398007E+22	2,157092E+22	1,822350E+22	1,483502E+22	1,266316E+22	1,266336E+22	1,483553E+22	1,822402E+22
833	2,157094E+22	2,397936E+22	2,515380E+22	2,515351E+22	2,397903E+22	2,157082E+22	1,822385E+22	1,483534E+22	1,266323E+22	1,266316E+22	1,483515E+22	1,822356E+22
834	2,157032E+22	2,397870E+22	2,515374E+22	2,515416E+22	2,397973E+22	2,157139E+22	1,822433E+22	1,483571E+22	1,266355E+22	1,266341E+22	1,483531E+22	1,822386E+22
835	2,157125E+22	2,397996E+22	2,515450E+22	2,515419E+22	2,397909E+22	2,157050E+22	1,822377E+22	1,483553E+22	1,266368E+22	1,266375E+22	1,483562E+22	1,822376E+22
836	2,157054E+22	2,397893E+22	2,515339E+22	2,515341E+22	2,397895E+22	2,157060E+22	1,822396E+22	1,483597E+22	1,266414E+22	1,266399E+22	1,483560E+22	1,822352E+22
837	2,157022E+22	2,397900E+22	2,515409E+22	2,515425E+22	2,397964E+22	2,157100E+22	1,822393E+22	1,483581E+22	1,266424E+22	1,266442E+22	1,483630E+22	1,822450E+22
838	2,157121E+22	2,397945E+22	2,515393E+22	2,515354E+22	2,397858E+22	2,157028E+22	1,822378E+22	1,483594E+22	1,266447E+22	1,266466E+22	1,483636E+22	1,822417E+22
839	2,157042E+22	2,397826E+22	2,515279E+22	2,515324E+22	2,397900E+22	2,157091E+22	1,822452E+22	1,483666E+22	1,266494E+22	1,266478E+22	1,483623E+22	1,822406E+22
840	2,157078E+22	2,397936E+22	2,515404E+22	2,515406E+22	2,397939E+22	2,157080E+22	1,822413E+22	1,483642E+22	1,266504E+22	1,266516E+22	1,483674E+22	1,822454E+22
841	2,157102E+22	2,397927E+22	2,515360E+22	2,515303E+22	2,397825E+22	2,157034E+22	1,822426E+22	1,483677E+22	1,266536E+22	1,266529E+22	1,483658E+22	1,822399E+22
842	2,157001E+22	2,397805E+22	2,515298E+22	2,515351E+22	2,397914E+22	2,157104E+22	1,822478E+22	1,483718E+22	1,266571E+22	1,266556E+22	1,483674E+22	1,822420E+22
843	2,157071E+22	2,397921E+22	2,515389E+22	2,515387E+22	2,397906E+22	2,157061E+22	1,822426E+22	1,483674E+22	1,266552E+22	1,266568E+22	1,483710E+22	1,822446E+22
844	2,157041E+22	2,397831E+22	2,515269E+22	2,515273E+22	2,397850E+22	2,157065E+22	1,822451E+22	1,483700E+22	1,266555E+22	1,266543E+22	1,483669E+22	1,822408E+22
845	2,157013E+22	2,397826E+22	2,515309E+22	2,515346E+22	2,397913E+22	2,157104E+22	1,822458E+22	1,483679E+22	1,266530E+22	1,266529E+22	1,483681E+22	1,822468E+22
846	2,157132E+22	2,397950E+22	2,515373E+22	2,515329E+22	2,397834E+22	2,157018E+22	1,822400E+22	1,483642E+22	1,266504E+22	1,266511E+22	1,483658E+22	1,822417E+22
847	2,157045E+22	2,397848E+22	2,515283E+22	2,515293E+22	2,397859E+22	2,157058E+22	1,822435E+22	1,483663E+22	1,266494E+22	1,266472E+22	1,483607E+22	1,822375E+22
848	2,157040E+22	2,397920E+22	2,515424E+22	2,515432E+22	2,397951E+22	2,157076E+22	1,822386E+22	1,483594E+22	1,266445E+22	1,266458E+22	1,483631E+22	1,822434E+22
849	2,157099E+22	2,397937E+22	2,515402E+22	2,515371E+22	2,397869E+22	2,157033E+22	1,822374E+22	1,483578E+22	1,266417E+22	1,266424E+22	1,483597E+22	1,822387E+22
850	2,157018E+22	2,397811E+22	2,515287E+22	2,515361E+22	2,397940E+22	2,157112E+22	1,822437E+22	1,483616E+22	1,266425E+22	1,266410E+22	1,483575E+22	1,822384E+22
851	2,157084E+22	2,397956E+22	2,515419E+22	2,515420E+22	2,397951E+22	2,157090E+22	1,822398E+22	1,483575E+22	1,266401E+22	1,266411E+22	1,483598E+22	1,822410E+22
852	2,157076E+22	2,397908E+22	2,515344E+22	2,515309E+22	2,397854E+22	2,157055E+22	1,822408E+22	1,483606E+22	1,266423E+22	1,266408E+22	1,483565E+22	1,822355E+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	2,157010E+22	2,397852E+22	2,515343E+22	2,515371E+22	2,397916E+22	2,157093E+22	1,822430E+22	1,483623E+22	1,266446E+22	1,266437E+22	1,483598E+22	1,822404E+22
854	2,157101E+22	2,397963E+22	2,515421E+22	2,515397E+22	2,397882E+22	2,157021E+22	1,822368E+22	1,483595E+22	1,266458E+22	1,266475E+22	1,483638E+22	1,822403E+22
855	2,157030E+22	2,397837E+22	2,515276E+22	2,515294E+22	2,397868E+22	2,157057E+22	1,822418E+22	1,483647E+22	1,266494E+22	1,266489E+22	1,483632E+22	1,822390E+22
856	2,157018E+22	2,397860E+22	2,515357E+22	2,515388E+22	2,397938E+22	2,157094E+22	1,822421E+22	1,483639E+22	1,266501E+22	1,266516E+22	1,483680E+22	1,822470E+22
857	2,157119E+22	2,397926E+22	2,515363E+22	2,515328E+22	2,397835E+22	2,157024E+22	1,822409E+22	1,483660E+22	1,266530E+22	1,266541E+22	1,483687E+22	1,822439E+22
858	2,157037E+22	2,397802E+22	2,515230E+22	2,515266E+22	2,397853E+22	2,157076E+22	1,822482E+22	1,483740E+22	1,266596E+22	1,266574E+22	1,483681E+22	1,822413E+22
859	2,157055E+22	2,397914E+22	2,515382E+22	2,515367E+22	2,397891E+22	2,157066E+22	1,822451E+22	1,483718E+22	1,266605E+22	1,266613E+22	1,483734E+22	1,822456E+22
860	2,157056E+22	2,397866E+22	2,515317E+22	2,515284E+22	2,397809E+22	2,157021E+22	1,822446E+22	1,483743E+22	1,266636E+22	1,266632E+22	1,483727E+22	1,822415E+22
861	2,156977E+22	2,397762E+22	2,515235E+22	2,515294E+22	2,397877E+22	2,157088E+22	1,822486E+22	1,483761E+22	1,266649E+22	1,266644E+22	1,483746E+22	1,822459E+22
862	2,157070E+22	2,397890E+22	2,515337E+22	2,515332E+22	2,397862E+22	2,157040E+22	1,822434E+22	1,483721E+22	1,266628E+22	1,266646E+22	1,483767E+22	1,822476E+22
863	2,157042E+22	2,397806E+22	2,515217E+22	2,515211E+22	2,397799E+22	2,157044E+22	1,822471E+22	1,483755E+22	1,266629E+22	1,266613E+22	1,483716E+22	1,822428E+22
864	2,157014E+22	2,397817E+22	2,515297E+22	2,515324E+22	2,397873E+22	2,157071E+22	1,822462E+22	1,483725E+22	1,266599E+22	1,266592E+22	1,483713E+22	1,822466E+22
865	2,157110E+22	2,397933E+22	2,515373E+22	2,515338E+22	2,397826E+22	2,156999E+22	1,822404E+22	1,483683E+22	1,266567E+22	1,266577E+22	1,483707E+22	1,822432E+22
866	2,157020E+22	2,397806E+22	2,515239E+22	2,515269E+22	2,397852E+22	2,157056E+22	1,822447E+22	1,483705E+22	1,266564E+22	1,266548E+22	1,483665E+22	1,822395E+22
867	2,157019E+22	2,397882E+22	2,515381E+22	2,515389E+22	2,397928E+22	2,157091E+22	1,822427E+22	1,483647E+22	1,266511E+22	1,266524E+22	1,483679E+22	1,822448E+22
868	2,157074E+22	2,397885E+22	2,515345E+22	2,515333E+22	2,397850E+22	2,157038E+22	1,822413E+22	1,483645E+22	1,266497E+22	1,266497E+22	1,483639E+22	1,822397E+22
869	2,157015E+22	2,397798E+22	2,515235E+22	2,515293E+22	2,397887E+22	2,157088E+22	1,822453E+22	1,483672E+22	1,266505E+22	1,266487E+22	1,483625E+22	1,822400E+22
870	2,157074E+22	2,397941E+22	2,515390E+22	2,515372E+22	2,397897E+22	2,157052E+22	1,822402E+22	1,483633E+22	1,266494E+22	1,266501E+22	1,483653E+22	1,822419E+22
871	2,157049E+22	2,397870E+22	2,515305E+22	2,515270E+22	2,397812E+22	2,157024E+22	1,822420E+22	1,483666E+22	1,266515E+22	1,266504E+22	1,483636E+22	1,822380E+22
872	2,156987E+22	2,397806E+22	2,515309E+22	2,515355E+22	2,397892E+22	2,157064E+22	1,822429E+22	1,483667E+22	1,266527E+22	1,266524E+22	1,483664E+22	1,822432E+22
873	2,157085E+22	2,397921E+22	2,515381E+22	2,515374E+22	2,397870E+22	2,157019E+22	1,822386E+22	1,483641E+22	1,266527E+22	1,266554E+22	1,483709E+22	1,822450E+22
874	2,157035E+22	2,397803E+22	2,515209E+22	2,515227E+22	2,397826E+22	2,157050E+22	1,822449E+22	1,483710E+22	1,266578E+22	1,266572E+22	1,483692E+22	1,822418E+22
875	2,157023E+22	2,397853E+22	2,515324E+22	2,515326E+22	2,397884E+22	2,157088E+22	1,822465E+22	1,483716E+22	1,266595E+22	1,266597E+22	1,483723E+22	1,822471E+22
876	2,157093E+22	2,397899E+22	2,515340E+22	2,515304E+22	2,397805E+22	2,157006E+22	1,822438E+22	1,483740E+22	1,266639E+22	1,266638E+22	1,483734E+22	1,822429E+22
877	2,157006E+22	2,397777E+22	2,515198E+22	2,515231E+22	2,397815E+22	2,157046E+22	1,822488E+22	1,483799E+22	1,266694E+22	1,266676E+22	1,483749E+22	1,822426E+22
878	2,157016E+22	2,397861E+22	2,515341E+22	2,515342E+22	2,397873E+22	2,157050E+22	1,822457E+22	1,483773E+22	1,266701E+22	1,266713E+22	1,483807E+22	1,822482E+22
879	2,157025E+22	2,397799E+22	2,515243E+22	2,515230E+22	2,397782E+22	2,157021E+22	1,822476E+22	1,483803E+22	1,266719E+22	1,266720E+22	1,483799E+22	1,822455E+22
880	2,156973E+22	2,397715E+22	2,515179E+22	2,515246E+22	2,397838E+22	2,157070E+22	1,822507E+22	1,483817E+22	1,266722E+22	1,266713E+22	1,483796E+22	1,822486E+22
881	2,157074E+22	2,397875E+22	2,515307E+22	2,515295E+22	2,397830E+22	2,157026E+22	1,822452E+22	1,483772E+22	1,266695E+22	1,266713E+22	1,483819E+22	1,822503E+22
882	2,157046E+22	2,397794E+22	2,515183E+22	2,515156E+22	2,397748E+22	2,157018E+22	1,822484E+22	1,483807E+22	1,266707E+22	1,266691E+22	1,483767E+22	1,822440E+22
883	2,157002E+22	2,397807E+22	2,515290E+22	2,515298E+22	2,397840E+22	2,157055E+22	1,822480E+22	1,483776E+22	1,266673E+22	1,266665E+22	1,483760E+22	1,822471E+22
884	2,157076E+22	2,397886E+22	2,515344E+22	2,515336E+22	2,397830E+22	2,156994E+22	1,822414E+22	1,483728E+22	1,266641E+22	1,266651E+22	1,483753E+22	1,822442E+22
885	2,157005E+22	2,397772E+22	2,515183E+22	2,515217E+22	2,397825E+22	2,157048E+22	1,822459E+22	1,483741E+22	1,266624E+22	1,266615E+22	1,483718E+22	1,822422E+22
886	2,157013E+22	2,397850E+22	2,515334E+22	2,515339E+22	2,397892E+22	2,157077E+22	1,822447E+22	1,483701E+22	1,266583E+22	1,266588E+22	1,483719E+22	1,822461E+22
887	2,157062E+22	2,397855E+22	2,515296E+22	2,515271E+22	2,397801E+22	2,157019E+22	1,822440E+22	1,483710E+22	1,266579E+22	1,266570E+22	1,483684E+22	1,822407E+22
888	2,156998E+22	2,397773E+22	2,515216E+22	2,515262E+22	2,397838E+22	2,157050E+22	1,822460E+22	1,483727E+22	1,266588E+22	1,266566E+22	1,483669E+22	1,822402E+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	2,157047E+22	2,397908E+22	2,515373E+22	2,515362E+22	2,397880E+22	2,157030E+22	1,822406E+22	1,483678E+22	1,266570E+22	1,266586E+22	1,483722E+22	1,822446E+22
890	2,157026E+22	2,397819E+22	2,515248E+22	2,515225E+22	2,397788E+22	2,157013E+22	1,822431E+22	1,483715E+22	1,266599E+22	1,266597E+22	1,483710E+22	1,822415E+22
891	2,156979E+22	2,397772E+22	2,515265E+22	2,515303E+22	2,397860E+22	2,157067E+22	1,822463E+22	1,483727E+22	1,266607E+22	1,266605E+22	1,483723E+22	1,822459E+22
892	2,157074E+22	2,397880E+22	2,515333E+22	2,515338E+22	2,397849E+22	2,157015E+22	1,822420E+22	1,483715E+22	1,266621E+22	1,266639E+22	1,483757E+22	1,822463E+22
893	2,157037E+22	2,397795E+22	2,515170E+22	2,515166E+22	2,397777E+22	2,157028E+22	1,822470E+22	1,483777E+22	1,266673E+22	1,266663E+22	1,483750E+22	1,822433E+22
894	2,157007E+22	2,397833E+22	2,515305E+22	2,515292E+22	2,397840E+22	2,157058E+22	1,822481E+22	1,483789E+22	1,266702E+22	1,266697E+22	1,483782E+22	1,822474E+22
895	2,157052E+22	2,397847E+22	2,515298E+22	2,515272E+22	2,397780E+22	2,156990E+22	1,822460E+22	1,483811E+22	1,266743E+22	1,266745E+22	1,483811E+22	1,822452E+22
896	2,156972E+22	2,397715E+22	2,515153E+22	2,515204E+22	2,397796E+22	2,157032E+22	1,822498E+22	1,483851E+22	1,266782E+22	1,266770E+22	1,483821E+22	1,822459E+22
897	2,157001E+22	2,397805E+22	2,515280E+22	2,515298E+22	2,397854E+22	2,157052E+22	1,822481E+22	1,483822E+22	1,266771E+22	1,266794E+22	1,483881E+22	1,822531E+22
898	2,157034E+22	2,397764E+22	2,515171E+22	2,515150E+22	2,397729E+22	2,157006E+22	1,822503E+22	1,483865E+22	1,266801E+22	1,266799E+22	1,483858E+22	1,822490E+22
899	2,156989E+22	2,397716E+22	2,515154E+22	2,515182E+22	2,397774E+22	2,157045E+22	1,822529E+22	1,483879E+22	1,266802E+22	1,266784E+22	1,483834E+22	1,822490E+22
900	2,157058E+22	2,397857E+22	2,515296E+22	2,515277E+22	2,397800E+22	2,157000E+22	1,822464E+22	1,483830E+22	1,266780E+22	1,266790E+22	1,483854E+22	1,822496E+22
901	2,157027E+22	2,397781E+22	2,515168E+22	2,515134E+22	2,397722E+22	2,156991E+22	1,822478E+22	1,483841E+22	1,266776E+22	1,266767E+22	1,483818E+22	1,822450E+22
902	2,156973E+22	2,397768E+22	2,515263E+22	2,515281E+22	2,397830E+22	2,157045E+22	1,822484E+22	1,483816E+22	1,266741E+22	1,266734E+22	1,483806E+22	1,822482E+22
903	2,157047E+22	2,397829E+22	2,515285E+22	2,515293E+22	2,397818E+22	2,157006E+22	1,822447E+22	1,483781E+22	1,266707E+22	1,266716E+22	1,483800E+22	1,822462E+22
904	2,156992E+22	2,397730E+22	2,515141E+22	2,515178E+22	2,397794E+22	2,157036E+22	1,822481E+22	1,483795E+22	1,266693E+22	1,266676E+22	1,483754E+22	1,822434E+22
905	2,157003E+22	2,397821E+22	2,515299E+22	2,515300E+22	2,397863E+22	2,157068E+22	1,822469E+22	1,483756E+22	1,266655E+22	1,266660E+22	1,483770E+22	1,822477E+22
906	2,157048E+22	2,397825E+22	2,515256E+22	2,515214E+22	2,397747E+22	2,156992E+22	1,822456E+22	1,483772E+22	1,266669E+22	1,266661E+22	1,483746E+22	1,822426E+22
907	2,156981E+22	2,397746E+22	2,515194E+22	2,515224E+22	2,397798E+22	2,157026E+22	1,822470E+22	1,483781E+22	1,266675E+22	1,266656E+22	1,483733E+22	1,822422E+22
908	2,157020E+22	2,397856E+22	2,515330E+22	2,515339E+22	2,397871E+22	2,157023E+22	1,822417E+22	1,483729E+22	1,266656E+22	1,266677E+22	1,483784E+22	1,822474E+22
909	2,157031E+22	2,397794E+22	2,515194E+22	2,515163E+22	2,397749E+22	2,156999E+22	1,822441E+22	1,483758E+22	1,266672E+22	1,266679E+22	1,483775E+22	1,822452E+22
910	2,156987E+22	2,397754E+22	2,515229E+22	2,515254E+22	2,397819E+22	2,157045E+22	1,822482E+22	1,483792E+22	1,266694E+22	1,266682E+22	1,483769E+22	1,822473E+22
911	2,157066E+22	2,397856E+22	2,515296E+22	2,515289E+22	2,397812E+22	2,157002E+22	1,822450E+22	1,483789E+22	1,266719E+22	1,266728E+22	1,483808E+22	1,822470E+22
912	2,157010E+22	2,397761E+22	2,515157E+22	2,515147E+22	2,397741E+22	2,157001E+22	1,822485E+22	1,483843E+22	1,266771E+22	1,266757E+22	1,483805E+22	1,822437E+22
913	2,156970E+22	2,397780E+22	2,515274E+22	2,515281E+22	2,397835E+22	2,157053E+22	1,822499E+22	1,483847E+22	1,266791E+22	1,266797E+22	1,483861E+22	1,822499E+22
914	2,157020E+22	2,397781E+22	2,515226E+22	2,515211E+22	2,397748E+22	2,156989E+22	1,822488E+22	1,483875E+22	1,266838E+22	1,266847E+22	1,483891E+22	1,822491E+22
915	2,156963E+22	2,397671E+22	2,515092E+22	2,515132E+22	2,397751E+22	2,157032E+22	1,822535E+22	1,483918E+22	1,266869E+22	1,266855E+22	1,483882E+22	1,822490E+22
916	2,156999E+22	2,397768E+22	2,515226E+22	2,515245E+22	2,397817E+22	2,157039E+22	1,822507E+22	1,483891E+22	1,266862E+22	1,266875E+22	1,483924E+22	1,822547E+22
917	2,157049E+22	2,397764E+22	2,515135E+22	2,515083E+22	2,397664E+22	2,156969E+22	1,822507E+22	1,483915E+22	1,266883E+22	1,266880E+22	1,483909E+22	1,822505E+22
918	2,156983E+22	2,397709E+22	2,515150E+22	2,515161E+22	2,397730E+22	2,157002E+22	1,822528E+22	1,483932E+22	1,266886E+22	1,266862E+22	1,483880E+22	1,822492E+22
919	2,157027E+22	2,397817E+22	2,515271E+22	2,515263E+22	2,397787E+22	2,156985E+22	1,822471E+22	1,483877E+22	1,266857E+22	1,266871E+22	1,483911E+22	1,822509E+22
920	2,156993E+22	2,397728E+22	2,515142E+22	2,515125E+22	2,397715E+22	2,156986E+22	1,822484E+22	1,483875E+22	1,266837E+22	1,266833E+22	1,483867E+22	1,822469E+22
921	2,156957E+22	2,397719E+22	2,515214E+22	2,515250E+22	2,397823E+22	2,157059E+22	1,822511E+22	1,483855E+22	1,266793E+22	1,266794E+22	1,483856E+22	1,822504E+22
922	2,157040E+22	2,397790E+22	2,515221E+22	2,515222E+22	2,397772E+22	2,157001E+22	1,822479E+22	1,483843E+22	1,266784E+22	1,266785E+22	1,483844E+22	1,822478E+22
923	2,156990E+22	2,397717E+22	2,515113E+22	2,515118E+22	2,397738E+22	2,157020E+22	1,822504E+22	1,483858E+22	1,266777E+22	1,266750E+22	1,483793E+22	1,822434E+22
924	2,156979E+22	2,397786E+22	2,515272E+22	2,515275E+22	2,397832E+22	2,157044E+22	1,822480E+22	1,483816E+22	1,266747E+22	1,266747E+22	1,483817E+22	1,822482E+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	2,157034E+22	2,397797E+22	2,515219E+22	2,515176E+22	2,397712E+22	2,156963E+22	1,822450E+22	1,483810E+22	1,266747E+22	1,266752E+22	1,483818E+22	1,822456E+22
926	2,156968E+22	2,397708E+22	2,515160E+22	2,515196E+22	2,397772E+22	2,157005E+22	1,822474E+22	1,483826E+22	1,266750E+22	1,266736E+22	1,483795E+22	1,822451E+22
927	2,157010E+22	2,397810E+22	2,515275E+22	2,515292E+22	2,397846E+22	2,157025E+22	1,822447E+22	1,483788E+22	1,266734E+22	1,266756E+22	1,483843E+22	1,822503E+22
928	2,157028E+22	2,397767E+22	2,515168E+22	2,515130E+22	2,397714E+22	2,156985E+22	1,822462E+22	1,483816E+22	1,266752E+22	1,266753E+22	1,483819E+22	1,822466E+22
929	2,156982E+22	2,397734E+22	2,515202E+22	2,515219E+22	2,397791E+22	2,157042E+22	1,822510E+22	1,483853E+22	1,266780E+22	1,266769E+22	1,483825E+22	1,822480E+22
930	2,157041E+22	2,397820E+22	2,515258E+22	2,515243E+22	2,397769E+22	2,156987E+22	1,822479E+22	1,483867E+22	1,266827E+22	1,266833E+22	1,483877E+22	1,822486E+22
931	2,156983E+22	2,397718E+22	2,515122E+22	2,515110E+22	2,397710E+22	2,156989E+22	1,822504E+22	1,483912E+22	1,266875E+22	1,266861E+22	1,483876E+22	1,822457E+22
932	2,156938E+22	2,397708E+22	2,515205E+22	2,515239E+22	2,397818E+22	2,157054E+22	1,822525E+22	1,483912E+22	1,266889E+22	1,266897E+22	1,483928E+22	1,822531E+22
933	2,157024E+22	2,397745E+22	2,515155E+22	2,515132E+22	2,397691E+22	2,156970E+22	1,822505E+22	1,483929E+22	1,266921E+22	1,266937E+22	1,483962E+22	1,822532E+22
934	2,156976E+22	2,397658E+22	2,515054E+22	2,515072E+22	2,397686E+22	2,156990E+22	1,822545E+22	1,483982E+22	1,266956E+22	1,266933E+22	1,483930E+22	1,822504E+22
935	2,156994E+22	2,397753E+22	2,515198E+22	2,515198E+22	2,397767E+22	2,157011E+22	1,822522E+22	1,483953E+22	1,266952E+22	1,266959E+22	1,483973E+22	1,822551E+22
936	2,157025E+22	2,397742E+22	2,515140E+22	2,515083E+22	2,397635E+22	2,156936E+22	1,822503E+22	1,483957E+22	1,266958E+22	1,266956E+22	1,483954E+22	1,822506E+22
937	2,156952E+22	2,397669E+22	2,515130E+22	2,515165E+22	2,397739E+22	2,157004E+22	1,822536E+22	1,483964E+22	1,266948E+22	1,266937E+22	1,483939E+22	1,822505E+22
938	2,156995E+22	2,397759E+22	2,515212E+22	2,515222E+22	2,397775E+22	2,157000E+22	1,822502E+22	1,483928E+22	1,266928E+22	1,266944E+22	1,483967E+22	1,822534E+22
939	2,156981E+22	2,397685E+22	2,515088E+22	2,515074E+22	2,397688E+22	2,156998E+22	1,822523E+22	1,483935E+22	1,266908E+22	1,266898E+22	1,483909E+22	1,822483E+22
940	2,156945E+22	2,397675E+22	2,515154E+22	2,515201E+22	2,397796E+22	2,157060E+22	1,822546E+22	1,483922E+22	1,266877E+22	1,266866E+22	1,483891E+22	1,822511E+22
941	2,157042E+22	2,397779E+22	2,515179E+22	2,515155E+22	2,397707E+22	2,156969E+22	1,822489E+22	1,483894E+22	1,266865E+22	1,266869E+22	1,483900E+22	1,822494E+22
942	2,156981E+22	2,397702E+22	2,515098E+22	2,515090E+22	2,397684E+22	2,156970E+22	1,822501E+22	1,483911E+22	1,266860E+22	1,266833E+22	1,483850E+22	1,822448E+22
943	2,156958E+22	2,397747E+22	2,515234E+22	2,515248E+22	2,397807E+22	2,157023E+22	1,822481E+22	1,483860E+22	1,266826E+22	1,266835E+22	1,483886E+22	1,822511E+22
944	2,157018E+22	2,397755E+22	2,515188E+22	2,515155E+22	2,397690E+22	2,156949E+22	1,822451E+22	1,483840E+22	1,266808E+22	1,266824E+22	1,483877E+22	1,822491E+22
945	2,156974E+22	2,397681E+22	2,515120E+22	2,515165E+22	2,397756E+22	2,157011E+22	1,822497E+22	1,483865E+22	1,266808E+22	1,266803E+22	1,483850E+22	1,822476E+22
946	2,157012E+22	2,397790E+22	2,515229E+22	2,515230E+22	2,397795E+22	2,157016E+22	1,822481E+22	1,483858E+22	1,266821E+22	1,266832E+22	1,483887E+22	1,822513E+22
947	2,157019E+22	2,397754E+22	2,515147E+22	2,515090E+22	2,397671E+22	2,156974E+22	1,822491E+22	1,483890E+22	1,266851E+22	1,266841E+22	1,483862E+22	1,822458E+22
948	2,156945E+22	2,397688E+22	2,515168E+22	2,515202E+22	2,397774E+22	2,157033E+22	1,822534E+22	1,483927E+22	1,266888E+22	1,266870E+22	1,483879E+22	1,822478E+22
949	2,157009E+22	2,397769E+22	2,515201E+22	2,515194E+22	2,397733E+22	2,156969E+22	1,822489E+22	1,483923E+22	1,266925E+22	1,266941E+22	1,483958E+22	1,822516E+22
950	2,156961E+22	2,397664E+22	2,515066E+22	2,515065E+22	2,397669E+22	2,156968E+22	1,822525E+22	1,483978E+22	1,266969E+22	1,266956E+22	1,483948E+22	1,822491E+22
951	2,156928E+22	2,397658E+22	2,515132E+22	2,515174E+22	2,397772E+22	2,157042E+22	1,822554E+22	1,483982E+22	1,266983E+22	1,266989E+22	1,483997E+22	1,822563E+22
952	2,157021E+22	2,397719E+22	2,515123E+22	2,515087E+22	2,397639E+22	2,156940E+22	1,822515E+22	1,483984E+22	1,267005E+22	1,267019E+22	1,484016E+22	1,822552E+22
953	2,156978E+22	2,397649E+22	2,515037E+22	2,515045E+22	2,397653E+22	2,156973E+22	1,822556E+22	1,484026E+22	1,267032E+22	1,267018E+22	1,483989E+22	1,822514E+22
954	2,156972E+22	2,397726E+22	2,515171E+22	2,515166E+22	2,397729E+22	2,156992E+22	1,822539E+22	1,484012E+22	1,267040E+22	1,267049E+22	1,484034E+22	1,822566E+22
955	2,157000E+22	2,397704E+22	2,515111E+22	2,515068E+22	2,397629E+22	2,156938E+22	1,822518E+22	1,484006E+22	1,267036E+22	1,267037E+22	1,484009E+22	1,822520E+22
956	2,156925E+22	2,397610E+22	2,515069E+22	2,515136E+22	2,397740E+22	2,157023E+22	1,822568E+22	1,484018E+22	1,267022E+22	1,267009E+22	1,483984E+22	1,822523E+22
957	2,156994E+22	2,397725E+22	2,515144E+22	2,515151E+22	2,397727E+22	2,156993E+22	1,822529E+22	1,483980E+22	1,266997E+22	1,267013E+22	1,484018E+22	1,822560E+22
958	2,156985E+22	2,397670E+22	2,515053E+22	2,515022E+22	2,397625E+22	2,156961E+22	1,822541E+22	1,483999E+22	1,266986E+22	1,266964E+22	1,483947E+22	1,822491E+22
959	2,156933E+22	2,397652E+22	2,515116E+22	2,515153E+22	2,397743E+22	2,157031E+22	1,822561E+22	1,483981E+22	1,266962E+22	1,266948E+22	1,483942E+22	1,822516E+22
960	2,157013E+22	2,397752E+22	2,515173E+22	2,515145E+22	2,397670E+22	2,156931E+22	1,822481E+22	1,483930E+22	1,266934E+22	1,266946E+22	1,483956E+22	1,822509E+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	2,156962E+22	2,397671E+22	2,515072E+22	2,515079E+22	2,397678E+22	2,156963E+22	1,822500E+22	1,483933E+22	1,266917E+22	1,266910E+22	1,483915E+22	1,822472E+22
962	2,156941E+22	2,397706E+22	2,515182E+22	2,515203E+22	2,397780E+22	2,157025E+22	1,822507E+22	1,483909E+22	1,266895E+22	1,266908E+22	1,483943E+22	1,822542E+22
963	2,157020E+22	2,397731E+22	2,515147E+22	2,515117E+22	2,397667E+22	2,156951E+22	1,822479E+22	1,483897E+22	1,266881E+22	1,266889E+22	1,483916E+22	1,822501E+22
964	2,156964E+22	2,397652E+22	2,515073E+22	2,515126E+22	2,397733E+22	2,157013E+22	1,822534E+22	1,483938E+22	1,266899E+22	1,266879E+22	1,483884E+22	1,822474E+22
965	2,157000E+22	2,397771E+22	2,515192E+22	2,515176E+22	2,397740E+22	2,156994E+22	1,822504E+22	1,483924E+22	1,266917E+22	1,266928E+22	1,483948E+22	1,822522E+22
966	2,156991E+22	2,397721E+22	2,515124E+22	2,515067E+22	2,397624E+22	2,156933E+22	1,822505E+22	1,483963E+22	1,266956E+22	1,266943E+22	1,483931E+22	1,822471E+22
967	2,156906E+22	2,397625E+22	2,515102E+22	2,515160E+22	2,397749E+22	2,157023E+22	1,822553E+22	1,483991E+22	1,266991E+22	1,266982E+22	1,483964E+22	1,822511E+22
968	2,156980E+22	2,397711E+22	2,515146E+22	2,515149E+22	2,397696E+22	2,156953E+22	1,822501E+22	1,483970E+22	1,267006E+22	1,267033E+22	1,484034E+22	1,822559E+22
969	2,156968E+22	2,397634E+22	2,515011E+22	2,515011E+22	2,397630E+22	2,156957E+22	1,822543E+22	1,484024E+22	1,267043E+22	1,267041E+22	1,484015E+22	1,822523E+22
970	2,156934E+22	2,397642E+22	2,515086E+22	2,515106E+22	2,397707E+22	2,157016E+22	1,822580E+22	1,484052E+22	1,267077E+22	1,267076E+22	1,484052E+22	1,822583E+22
971	2,157018E+22	2,397712E+22	2,515105E+22	2,515057E+22	2,397603E+22	2,156918E+22	1,822530E+22	1,484046E+22	1,267096E+22	1,267103E+22	1,484062E+22	1,822552E+22
972	2,156948E+22	2,397614E+22	2,515013E+22	2,515040E+22	2,397648E+22	2,156969E+22	1,822576E+22	1,484086E+22	1,267121E+22	1,267103E+22	1,484037E+22	1,822519E+22
973	2,156947E+22	2,397683E+22	2,515125E+22	2,515129E+22	2,397706E+22	2,156987E+22	1,822556E+22	1,484059E+22	1,267118E+22	1,267134E+22	1,484100E+22	1,822591E+22
974	2,156980E+22	2,397659E+22	2,515064E+22	2,515035E+22	2,397600E+22	2,156929E+22	1,822549E+22	1,484068E+22	1,267112E+22	1,267109E+22	1,484060E+22	1,822540E+22
975	2,156913E+22	2,397566E+22	2,515000E+22	2,515077E+22	2,397705E+22	2,157021E+22	1,822603E+22	1,484084E+22	1,267104E+22	1,267085E+22	1,484034E+22	1,822538E+22
976	2,156977E+22	2,397700E+22	2,515111E+22	2,515103E+22	2,397677E+22	2,156965E+22	1,822540E+22	1,484030E+22	1,267070E+22	1,267083E+22	1,484063E+22	1,822573E+22
977	2,156979E+22	2,397660E+22	2,515035E+22	2,514994E+22	2,397588E+22	2,156935E+22	1,822546E+22	1,484037E+22	1,267055E+22	1,267043E+22	1,484004E+22	1,822502E+22
978	2,156911E+22	2,397626E+22	2,515089E+22	2,515118E+22	2,397696E+22	2,156995E+22	1,822565E+22	1,484030E+22	1,267041E+22	1,267031E+22	1,484005E+22	1,822540E+22
979	2,156995E+22	2,397716E+22	2,515136E+22	2,515124E+22	2,397661E+22	2,156924E+22	1,822484E+22	1,483966E+22	1,267001E+22	1,267019E+22	1,484011E+22	1,822533E+22
980	2,156949E+22	2,397630E+22	2,515021E+22	2,515051E+22	2,397675E+22	2,156976E+22	1,822526E+22	1,483977E+22	1,266980E+22	1,266972E+22	1,483957E+22	1,822495E+22
981	2,156949E+22	2,397685E+22	2,515128E+22	2,515138E+22	2,397730E+22	2,157010E+22	1,822530E+22	1,483960E+22	1,266965E+22	1,266975E+22	1,483989E+22	1,822561E+22
982	2,157019E+22	2,397722E+22	2,515124E+22	2,515081E+22	2,397616E+22	2,156920E+22	1,822504E+22	1,483969E+22	1,266968E+22	1,266962E+22	1,483953E+22	1,822498E+22
983	2,156938E+22	2,397622E+22	2,515038E+22	2,515091E+22	2,397696E+22	2,156994E+22	1,822558E+22	1,484010E+22	1,267001E+22	1,266977E+22	1,483942E+22	1,822472E+22
984	2,156947E+22	2,397721E+22	2,515168E+22	2,515160E+22	2,397713E+22	2,156968E+22	1,822510E+22	1,483977E+22	1,267007E+22	1,267025E+22	1,484018E+22	1,822541E+22
985	2,156960E+22	2,397667E+22	2,515073E+22	2,515040E+22	2,397614E+22	2,156932E+22	1,822520E+22	1,484006E+22	1,267037E+22	1,267044E+22	1,484014E+22	1,822505E+22
986	2,156887E+22	2,397570E+22	2,515028E+22	2,515088E+22	2,397700E+22	2,157015E+22	1,822588E+22	1,484061E+22	1,267083E+22	1,267077E+22	1,484041E+22	1,822556E+22
987	2,156985E+22	2,397681E+22	2,515085E+22	2,515089E+22	2,397659E+22	2,156944E+22	1,822529E+22	1,484038E+22	1,267097E+22	1,267118E+22	1,484090E+22	1,822584E+22
988	2,156970E+22	2,397617E+22	2,514970E+22	2,514963E+22	2,397595E+22	2,156948E+22	1,822573E+22	1,484094E+22	1,267138E+22	1,267124E+22	1,484061E+22	1,822536E+22
989	2,156934E+22	2,397633E+22	2,515061E+22	2,515058E+22	2,397648E+22	2,156980E+22	1,822593E+22	1,484113E+22	1,267171E+22	1,267171E+22	1,484115E+22	1,822600E+22
990	2,157000E+22	2,397688E+22	2,515093E+22	2,515051E+22	2,397571E+22	2,156883E+22	1,822541E+22	1,484110E+22	1,267188E+22	1,267193E+22	1,484122E+22	1,822565E+22
991	2,156915E+22	2,397560E+22	2,514959E+22	2,515010E+22	2,397640E+22	2,156972E+22	1,822599E+22	1,484144E+22	1,267209E+22	1,267196E+22	1,484107E+22	1,822541E+22
992	2,156914E+22	2,397632E+22	2,515082E+22	2,515091E+22	2,397679E+22	2,156983E+22	1,822578E+22	1,484105E+22	1,267184E+22	1,267205E+22	1,484155E+22	1,822619E+22
993	2,156980E+22	2,397633E+22	2,515016E+22	2,514984E+22	2,397565E+22	2,156920E+22	1,822571E+22	1,484114E+22	1,267178E+22	1,267179E+22	1,484108E+22	1,822554E+22
994	2,156903E+22	2,397546E+22	2,514955E+22	2,515008E+22	2,397643E+22	2,156994E+22	1,822626E+22	1,484149E+22	1,267188E+22	1,267162E+22	1,484080E+22	1,822550E+22
995	2,156964E+22	2,397679E+22	2,515086E+22	2,515075E+22	2,397647E+22	2,156938E+22	1,822542E+22	1,484078E+22	1,267147E+22	1,267157E+22	1,484105E+22	1,822574E+22
996	2,156949E+22	2,397621E+22	2,515005E+22	2,514981E+22	2,397581E+22	2,156924E+22	1,822552E+22	1,484079E+22	1,267126E+22	1,267114E+22	1,484051E+22	1,822519E+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°
997	2,156896E+22	2,397587E+22	2,515044E+22	2,515077E+22	2,397668E+22	2,156980E+22	1,822571E+22	1,484065E+22	1,267104E+22	1,267104E+22	1,484066E+22	1,822574E+22
998	2,156991E+22	2,397685E+22	2,515100E+22	2,515093E+22	2,397629E+22	2,156908E+22	1,822508E+22	1,484020E+22	1,267065E+22	1,267080E+22	1,484055E+22	1,822553E+22
999	2,156943E+22	2,397599E+22	2,514969E+22	2,515002E+22	2,397648E+22	2,156974E+22	1,822558E+22	1,484040E+22	1,267060E+22	1,267045E+22	1,484002E+22	1,822503E+22
1000	2,156926E+22	2,397665E+22	2,515109E+22	2,515100E+22	2,397688E+22	2,156990E+22	1,822547E+22	1,484015E+22	1,267042E+22	1,267049E+22	1,484032E+22	1,822566E+22
1001	2,157000E+22	2,397702E+22	2,515105E+22	2,515056E+22	2,397589E+22	2,156901E+22	1,822517E+22	1,484019E+22	1,267053E+22	1,267056E+22	1,484014E+22	1,822505E+22
1002	2,156901E+22	2,397575E+22	2,514993E+22	2,515046E+22	2,397659E+22	2,156972E+22	1,822576E+22	1,484078E+22	1,267102E+22	1,267080E+22	1,484020E+22	1,822504E+22
1003	2,156923E+22	2,397661E+22	2,515102E+22	2,515120E+22	2,397702E+22	2,156965E+22	1,822526E+22	1,484032E+22	1,267096E+22	1,267119E+22	1,484090E+22	1,822577E+22
1004	2,156951E+22	2,397618E+22	2,515006E+22	2,514985E+22	2,397590E+22	2,156935E+22	1,822554E+22	1,484070E+22	1,267122E+22	1,267126E+22	1,484075E+22	1,822546E+22
1005	2,156904E+22	2,397552E+22	2,514973E+22	2,515008E+22	2,397626E+22	2,156980E+22	1,822609E+22	1,484126E+22	1,267173E+22	1,267164E+22	1,484104E+22	1,822588E+22
1006	2,156994E+22	2,397679E+22	2,515069E+22	2,515046E+22	2,397593E+22	2,156901E+22	1,822549E+22	1,484113E+22	1,267194E+22	1,267205E+22	1,484138E+22	1,822589E+22
1007	2,156950E+22	2,397598E+22	2,514951E+22	2,514938E+22	2,397564E+22	2,156926E+22	1,822589E+22	1,484161E+22	1,267240E+22	1,267225E+22	1,484122E+22	1,822537E+22
1008	2,156888E+22	2,397593E+22	2,515046E+22	2,515047E+22	2,397631E+22	2,156960E+22	1,822596E+22	1,484161E+22	1,267254E+22	1,267260E+22	1,484178E+22	1,822616E+22
1009	2,156972E+22	2,397641E+22	2,515052E+22	2,515032E+22	2,397575E+22	2,156892E+22	1,822560E+22	1,484153E+22	1,267263E+22	1,267281E+22	1,484188E+22	1,822587E+22
1010	2,156891E+22	2,397506E+22	2,514895E+22	2,514949E+22	2,397605E+22	2,156971E+22	1,822637E+22	1,484212E+22	1,267294E+22	1,267277E+22	1,484166E+22	1,822570E+22
1011	2,156904E+22	2,397585E+22	2,515016E+22	2,515036E+22	2,397653E+22	2,156978E+22	1,822605E+22	1,484169E+22	1,267266E+22	1,267277E+22	1,484197E+22	1,822630E+22
1012	2,156968E+22	2,397606E+22	2,514975E+22	2,514937E+22	2,397533E+22	2,156913E+22	1,822597E+22	1,484176E+22	1,267260E+22	1,267251E+22	1,484150E+22	1,822567E+22
1013	2,156896E+22	2,397526E+22	2,514925E+22	2,514953E+22	2,397576E+22	2,156948E+22	1,822628E+22	1,484199E+22	1,267269E+22	1,267247E+22	1,484142E+22	1,822573E+22
1014	2,156950E+22	2,397652E+22	2,515067E+22	2,515055E+22	2,397611E+22	2,156900E+22	1,822543E+22	1,484125E+22	1,267221E+22	1,267235E+22	1,484162E+22	1,822597E+22
1015	2,156933E+22	2,397579E+22	2,514958E+22	2,514948E+22	2,397570E+22	2,156923E+22	1,822563E+22	1,484117E+22	1,267193E+22	1,267189E+22	1,484110E+22	1,822544E+22
1016	2,156882E+22	2,397557E+22	2,515012E+22	2,515038E+22	2,397638E+22	2,156969E+22	1,822582E+22	1,484099E+22	1,267156E+22	1,267158E+22	1,484108E+22	1,822599E+22
1017	2,157000E+22	2,397675E+22	2,515071E+22	2,515057E+22	2,397606E+22	2,156899E+22	1,822525E+22	1,484062E+22	1,267128E+22	1,267142E+22	1,484089E+22	1,822556E+22
1018	2,156929E+22	2,397581E+22	2,514942E+22	2,514950E+22	2,397598E+22	2,156953E+22	1,822585E+22	1,484110E+22	1,267149E+22	1,267124E+22	1,484046E+22	1,822506E+22
1019	2,156896E+22	2,397624E+22	2,515077E+22	2,515081E+22	2,397674E+22	2,156976E+22	1,822563E+22	1,484076E+22	1,267133E+22	1,267135E+22	1,484081E+22	1,822564E+22
1020	2,156958E+22	2,397649E+22	2,515062E+22	2,515033E+22	2,397586E+22	2,156906E+22	1,822541E+22	1,484080E+22	1,267143E+22	1,267144E+22	1,484078E+22	1,822531E+22
1021	2,156882E+22	2,397521E+22	2,514930E+22	2,514980E+22	2,397613E+22	2,156956E+22	1,822596E+22	1,484136E+22	1,267191E+22	1,267177E+22	1,484099E+22	1,822550E+22
1022	2,156926E+22	2,397624E+22	2,515049E+22	2,515063E+22	2,397649E+22	2,156942E+22	1,822556E+22	1,484104E+22	1,267186E+22	1,267205E+22	1,484151E+22	1,822609E+22
1023	2,156955E+22	2,397590E+22	2,514951E+22	2,514923E+22	2,397545E+22	2,156919E+22	1,822580E+22	1,484143E+22	1,267223E+22	1,267221E+22	1,484137E+22	1,822563E+22
1024	2,156892E+22	2,397543E+22	2,514964E+22	2,514968E+22	2,397575E+22	2,156944E+22	1,822615E+22	1,484183E+22	1,267262E+22	1,267253E+22	1,484161E+22	1,822604E+22
1025	2,156983E+22	2,397665E+22	2,515063E+22	2,515033E+22	2,397568E+22	2,156874E+22	1,822552E+22	1,484162E+22	1,267284E+22	1,267304E+22	1,484202E+22	1,822597E+22
1026	2,156913E+22	2,397550E+22	2,514916E+22	2,514908E+22	2,397542E+22	2,156914E+22	1,822608E+22	1,484226E+22	1,267338E+22	1,267327E+22	1,484196E+22	1,822564E+22
1027	2,156860E+22	2,397527E+22	2,514981E+22	2,515018E+22	2,397637E+22	2,156972E+22	1,822620E+22	1,484214E+22	1,267335E+22	1,267344E+22	1,484235E+22	1,822637E+22
1028	2,156956E+22	2,397589E+22	2,514984E+22	2,514977E+22	2,397557E+22	2,156908E+22	1,822601E+22	1,484218E+22	1,267341E+22	1,267350E+22	1,484235E+22	1,822615E+22
1029	2,156895E+22	2,397478E+22	2,514837E+22	2,514865E+22	2,397533E+22	2,156942E+22	1,822661E+22	1,484279E+22	1,267380E+22	1,267356E+22	1,484219E+22	1,822594E+22
1030	2,156905E+22	2,397569E+22	2,514990E+22	2,514986E+22	2,397586E+22	2,156936E+22	1,822622E+22	1,484234E+22	1,267352E+22	1,267355E+22	1,484240E+22	1,822634E+22
1031	2,156947E+22	2,397574E+22	2,514947E+22	2,514907E+22	2,397499E+22	2,156885E+22	1,822602E+22	1,484227E+22	1,267345E+22	1,267340E+22	1,484209E+22	1,822573E+22
1032	2,156862E+22	2,397493E+22	2,514911E+22	2,514936E+22	2,397552E+22	2,156920E+22	1,822616E+22	1,484224E+22	1,267329E+22	1,267318E+22	1,484199E+22	1,822599E+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	2,156942E+22	2,397621E+22	2,515035E+22	2,515033E+22	2,397603E+22	2,156900E+22	1,822549E+22	1,484150E+22	1,267275E+22	1,267301E+22	1,484211E+22	1,822617E+22
1034	2,156925E+22	2,397546E+22	2,514916E+22	2,514899E+22	2,397540E+22	2,156922E+22	1,822593E+22	1,484173E+22	1,267261E+22	1,267252E+22	1,484152E+22	1,822565E+22
1035	2,156881E+22	2,397527E+22	2,514966E+22	2,515003E+22	2,397626E+22	2,156969E+22	1,822606E+22	1,484155E+22	1,267228E+22	1,267218E+22	1,484134E+22	1,822594E+22
1036	2,156982E+22	2,397653E+22	2,515046E+22	2,515025E+22	2,397585E+22	2,156902E+22	1,822558E+22	1,484128E+22	1,267211E+22	1,267211E+22	1,484127E+22	1,822561E+22
1037	2,156907E+22	2,397548E+22	2,514914E+22	2,514906E+22	2,397544E+22	2,156918E+22	1,822597E+22	1,484173E+22	1,267244E+22	1,267221E+22	1,484115E+22	1,822528E+22
1038	2,156871E+22	2,397571E+22	2,515036E+22	2,515049E+22	2,397639E+22	2,156953E+22	1,822579E+22	1,484138E+22	1,267226E+22	1,267232E+22	1,484152E+22	1,822591E+22
1039	2,156938E+22	2,397590E+22	2,514996E+22	2,514981E+22	2,397562E+22	2,156906E+22	1,822563E+22	1,484137E+22	1,267234E+22	1,267245E+22	1,484156E+22	1,822566E+22
1040	2,156876E+22	2,397493E+22	2,514886E+22	2,514916E+22	2,397556E+22	2,156927E+22	1,822605E+22	1,484184E+22	1,267267E+22	1,267257E+22	1,484160E+22	1,822587E+22
1041	2,156944E+22	2,397618E+22	2,515020E+22	2,515013E+22	2,397603E+22	2,156915E+22	1,822564E+22	1,484157E+22	1,267273E+22	1,267291E+22	1,484202E+22	1,822621E+22
1042	2,156947E+22	2,397577E+22	2,514934E+22	2,514882E+22	2,397494E+22	2,156888E+22	1,822595E+22	1,484211E+22	1,267322E+22	1,267315E+22	1,484193E+22	1,822572E+22
1043	2,156866E+22	2,397500E+22	2,514933E+22	2,514960E+22	2,397570E+22	2,156931E+22	1,822624E+22	1,484239E+22	1,267354E+22	1,267344E+22	1,484214E+22	1,822604E+22
1044	2,156943E+22	2,397610E+22	2,515022E+22	2,515016E+22	2,397579E+22	2,156895E+22	1,822584E+22	1,484224E+22	1,267371E+22	1,267388E+22	1,484264E+22	1,822623E+22
1045	2,156890E+22	2,397490E+22	2,514853E+22	2,514847E+22	2,397501E+22	2,156911E+22	1,822642E+22	1,484292E+22	1,267428E+22	1,267419E+22	1,484268E+22	1,822602E+22
1046	2,156855E+22	2,397478E+22	2,514918E+22	2,514957E+22	2,397587E+22	2,156963E+22	1,822663E+22	1,484292E+22	1,267427E+22	1,267427E+22	1,484288E+22	1,822655E+22
1047	2,156948E+22	2,397555E+22	2,514926E+22	2,514909E+22	2,397511E+22	2,156897E+22	1,822632E+22	1,484290E+22	1,267440E+22	1,267442E+22	1,484291E+22	1,822623E+22
1048	2,156878E+22	2,397465E+22	2,514819E+22	2,514814E+22	2,397466E+22	2,156897E+22	1,822660E+22	1,484327E+22	1,267460E+22	1,267438E+22	1,484274E+22	1,822611E+22
1049	2,156899E+22	2,397555E+22	2,514977E+22	2,514967E+22	2,397552E+22	2,156900E+22	1,822610E+22	1,484270E+22	1,267429E+22	1,267441E+22	1,484298E+22	1,822648E+22
1050	2,156924E+22	2,397535E+22	2,514915E+22	2,514882E+22	2,397476E+22	2,156867E+22	1,822605E+22	1,484268E+22	1,267418E+22	1,267420E+22	1,484273E+22	1,822606E+22
1051	2,156853E+22	2,397445E+22	2,514861E+22	2,514916E+22	2,397556E+22	2,156926E+22	1,822627E+22	1,484256E+22	1,267383E+22	1,267376E+22	1,484241E+22	1,822618E+22
1052	2,156940E+22	2,397596E+22	2,514994E+22	2,514995E+22	2,397591E+22	2,156917E+22	1,822585E+22	1,484201E+22	1,267333E+22	1,267348E+22	1,484242E+22	1,822633E+22
1053	2,156925E+22	2,397530E+22	2,514883E+22	2,514842E+22	2,397482E+22	2,156900E+22	1,822617E+22	1,484235E+22	1,267340E+22	1,267322E+22	1,484192E+22	1,822572E+22
1054	2,156870E+22	2,397506E+22	2,514946E+22	2,514971E+22	2,397578E+22	2,156945E+22	1,822631E+22	1,484222E+22	1,267316E+22	1,267298E+22	1,484173E+22	1,822584E+22
1055	2,156942E+22	2,397605E+22	2,515008E+22	2,514999E+22	2,397565E+22	2,156892E+22	1,822574E+22	1,484188E+22	1,267306E+22	1,267310E+22	1,484191E+22	1,822565E+22
1056	2,156866E+22	2,397501E+22	2,514879E+22	2,514874E+22	2,397513E+22	2,156897E+22	1,822598E+22	1,484214E+22	1,267320E+22	1,267310E+22	1,484188E+22	1,822566E+22
1057	2,156867E+22	2,397531E+22	2,514983E+22	2,515004E+22	2,397609E+22	2,156941E+22	1,822588E+22	1,484181E+22	1,267303E+22	1,267319E+22	1,484217E+22	1,822623E+22
1058	2,156935E+22	2,397552E+22	2,514937E+22	2,514916E+22	2,397511E+22	2,156890E+22	1,822589E+22	1,484202E+22	1,267322E+22	1,267331E+22	1,484219E+22	1,822600E+22
1059	2,156883E+22	2,397466E+22	2,514840E+22	2,514879E+22	2,397529E+22	2,156912E+22	1,822619E+22	1,484239E+22	1,267351E+22	1,267336E+22	1,484205E+22	1,822594E+22
1060	2,156934E+22	2,397605E+22	2,515000E+22	2,514981E+22	2,397573E+22	2,156908E+22	1,822590E+22	1,484222E+22	1,267361E+22	1,267373E+22	1,484254E+22	1,822633E+22
1061	2,156925E+22	2,397543E+22	2,514909E+22	2,514850E+22	2,397449E+22	2,156858E+22	1,822609E+22	1,484277E+22	1,267423E+22	1,267418E+22	1,484265E+22	1,822597E+22
1062	2,156844E+22	2,397449E+22	2,514888E+22	2,514931E+22	2,397547E+22	2,156927E+22	1,822652E+22	1,484305E+22	1,267450E+22	1,267441E+22	1,484280E+22	1,822623E+22
1063	2,156916E+22	2,397548E+22	2,514951E+22	2,514963E+22	2,397558E+22	2,156908E+22	1,822623E+22	1,484293E+22	1,267467E+22	1,267486E+22	1,484333E+22	1,822645E+22
1064	2,156877E+22	2,397458E+22	2,514803E+22	2,514781E+22	2,397440E+22	2,156887E+22	1,822663E+22	1,484352E+22	1,267510E+22	1,267500E+22	1,484326E+22	1,822631E+22
1065	2,156863E+22	2,397464E+22	2,514879E+22	2,514900E+22	2,397529E+22	2,156931E+22	1,822671E+22	1,484350E+22	1,267518E+22	1,267514E+22	1,484336E+22	1,822659E+22
1066	2,156929E+22	2,397532E+22	2,514899E+22	2,514866E+22	2,397455E+22	2,156862E+22	1,822642E+22	1,484352E+22	1,267533E+22	1,267535E+22	1,484351E+22	1,822636E+22
1067	2,156856E+22	2,397425E+22	2,514788E+22	2,514809E+22	2,397459E+22	2,156875E+22	1,822654E+22	1,484364E+22	1,267533E+22	1,267517E+22	1,484325E+22	1,822620E+22
1068	2,156874E+22	2,397518E+22	2,514944E+22	2,514951E+22	2,397554E+22	2,156913E+22	1,822630E+22	1,484311E+22	1,267490E+22	1,267504E+22	1,484352E+22	1,822679E+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	2,156914E+22	2,397496E+22	2,514870E+22	2,514840E+22	2,397441E+22	2,156860E+22	1,822628E+22	1,484317E+22	1,267484E+22	1,267488E+22	1,484326E+22	1,822637E+22
1070	2,156858E+22	2,397417E+22	2,514816E+22	2,514874E+22	2,397521E+22	2,156925E+22	1,822665E+22	1,484317E+22	1,267454E+22	1,267438E+22	1,484274E+22	1,822620E+22
1071	2,156926E+22	2,397570E+22	2,514955E+22	2,514951E+22	2,397562E+22	2,156921E+22	1,822619E+22	1,484266E+22	1,267418E+22	1,267426E+22	1,484283E+22	1,822625E+22
1072	2,156898E+22	2,397516E+22	2,514870E+22	2,514806E+22	2,397425E+22	2,156864E+22	1,822622E+22	1,484283E+22	1,267417E+22	1,267402E+22	1,484245E+22	1,822584E+22
1073	2,156850E+22	2,397473E+22	2,514914E+22	2,514948E+22	2,397550E+22	2,156918E+22	1,822627E+22	1,484266E+22	1,267402E+22	1,267391E+22	1,484236E+22	1,822597E+22
1074	2,156910E+22	2,397549E+22	2,514953E+22	2,514960E+22	2,397538E+22	2,156880E+22	1,822585E+22	1,484236E+22	1,267388E+22	1,267403E+22	1,484267E+22	1,822605E+22
1075	2,156860E+22	2,397445E+22	2,514807E+22	2,514833E+22	2,397494E+22	2,156891E+22	1,822609E+22	1,484253E+22	1,267386E+22	1,267381E+22	1,484243E+22	1,822596E+22
1076	2,156876E+22	2,397514E+22	2,514936E+22	2,514948E+22	2,397569E+22	2,156939E+22	1,822620E+22	1,484240E+22	1,267373E+22	1,267381E+22	1,484264E+22	1,822652E+22
1077	2,156943E+22	2,397544E+22	2,514909E+22	2,514859E+22	2,397442E+22	2,156852E+22	1,822604E+22	1,484267E+22	1,267414E+22	1,267416E+22	1,484272E+22	1,822615E+22
1078	2,156876E+22	2,397452E+22	2,514826E+22	2,514852E+22	2,397483E+22	2,156889E+22	1,822642E+22	1,484306E+22	1,267447E+22	1,267428E+22	1,484254E+22	1,822587E+22
1079	2,156893E+22	2,397560E+22	2,514967E+22	2,514964E+22	2,397562E+22	2,156909E+22	1,822615E+22	1,484288E+22	1,267464E+22	1,267479E+22	1,484321E+22	1,822635E+22
1080	2,156882E+22	2,397496E+22	2,514869E+22	2,514818E+22	2,397422E+22	2,156849E+22	1,822625E+22	1,484330E+22	1,267510E+22	1,267513E+22	1,484338E+22	1,822628E+22
1081	2,156833E+22	2,397402E+22	2,514825E+22	2,514883E+22	2,397519E+22	2,156924E+22	1,822677E+22	1,484368E+22	1,267544E+22	1,267535E+22	1,484343E+22	1,822644E+22
1082	2,156899E+22	2,397501E+22	2,514884E+22	2,514897E+22	2,397509E+22	2,156896E+22	1,822658E+22	1,484370E+22	1,267567E+22	1,267581E+22	1,484399E+22	1,822673E+22
1083	2,156872E+22	2,397421E+22	2,514751E+22	2,514739E+22	2,397403E+22	2,156865E+22	1,822678E+22	1,484412E+22	1,267599E+22	1,267585E+22	1,484378E+22	1,822642E+22
1084	2,156851E+22	2,397448E+22	2,514856E+22	2,514865E+22	2,397487E+22	2,156911E+22	1,822691E+22	1,484409E+22	1,267601E+22	1,267596E+22	1,484397E+22	1,822682E+22
1085	2,156909E+22	2,397497E+22	2,514869E+22	2,514835E+22	2,397411E+22	2,156825E+22	1,822642E+22	1,484402E+22	1,267619E+22	1,267629E+22	1,484425E+22	1,822671E+22
1086	2,156848E+22	2,397389E+22	2,514748E+22	2,514781E+22	2,397441E+22	2,156874E+22	1,822671E+22	1,484404E+22	1,267603E+22	1,267594E+22	1,484382E+22	1,822643E+22
1087	2,156863E+22	2,397479E+22	2,514889E+22	2,514906E+22	2,397535E+22	2,156926E+22	1,822662E+22	1,484362E+22	1,267559E+22	1,267575E+22	1,484399E+22	1,822692E+22
1088	2,156910E+22	2,397485E+22	2,514839E+22	2,514794E+22	2,397394E+22	2,156839E+22	1,822644E+22	1,484363E+22	1,267546E+22	1,267545E+22	1,484362E+22	1,822652E+22
1089	2,156862E+22	2,397414E+22	2,514793E+22	2,514839E+22	2,397479E+22	2,156898E+22	1,822671E+22	1,484368E+22	1,267532E+22	1,267507E+22	1,484305E+22	1,822607E+22
1090	2,156888E+22	2,397534E+22	2,514925E+22	2,514921E+22	2,397523E+22	2,156896E+22	1,822634E+22	1,484324E+22	1,267502E+22	1,267510E+22	1,484336E+22	1,822630E+22
1091	2,156861E+22	2,397458E+22	2,514825E+22	2,514800E+22	2,397423E+22	2,156851E+22	1,822625E+22	1,484320E+22	1,267487E+22	1,267479E+22	1,484300E+22	1,822597E+22
1092	2,156824E+22	2,397429E+22	2,514862E+22	2,514909E+22	2,397533E+22	2,156926E+22	1,822652E+22	1,484312E+22	1,267465E+22	1,267460E+22	1,484300E+22	1,822636E+22
1093	2,156902E+22	2,397507E+22	2,514891E+22	2,514896E+22	2,397485E+22	2,156861E+22	1,822608E+22	1,484294E+22	1,267467E+22	1,267483E+22	1,484332E+22	1,822647E+22
1094	2,156875E+22	2,397429E+22	2,514762E+22	2,514777E+22	2,397445E+22	2,156877E+22	1,822638E+22	1,484314E+22	1,267468E+22	1,267456E+22	1,484286E+22	1,822606E+22
1095	2,156869E+22	2,397501E+22	2,514905E+22	2,514904E+22	2,397528E+22	2,156926E+22	1,822647E+22	1,484308E+22	1,267469E+22	1,267472E+22	1,484314E+22	1,822648E+22
1096	2,156920E+22	2,397536E+22	2,514903E+22	2,514837E+22	2,397393E+22	2,156812E+22	1,822609E+22	1,484321E+22	1,267502E+22	1,267508E+22	1,484334E+22	1,822630E+22
1097	2,156853E+22	2,397420E+22	2,514799E+22	2,514840E+22	2,397466E+22	2,156867E+22	1,822645E+22	1,484362E+22	1,267546E+22	1,267530E+22	1,484322E+22	1,822598E+22
1098	2,156850E+22	2,397494E+22	2,514907E+22	2,514927E+22	2,397544E+22	2,156914E+22	1,822646E+22	1,484353E+22	1,267561E+22	1,267582E+22	1,484401E+22	1,822671E+22
1099	2,156866E+22	2,397432E+22	2,514793E+22	2,514776E+22	2,397404E+22	2,156850E+22	1,822655E+22	1,484390E+22	1,267594E+22	1,267598E+22	1,484399E+22	1,822655E+22
1100	2,156832E+22	2,397377E+22	2,514767E+22	2,514817E+22	2,397474E+22	2,156920E+22	1,822717E+22	1,484442E+22	1,267631E+22	1,267615E+22	1,484403E+22	1,822673E+22
1101	2,156892E+22	2,397477E+22	2,514843E+22	2,514834E+22	2,397436E+22	2,156854E+22	1,822674E+22	1,484442E+22	1,267670E+22	1,267679E+22	1,484463E+22	1,822696E+22
1102	2,156864E+22	2,397400E+22	2,514724E+22	2,514703E+22	2,397357E+22	2,156837E+22	1,822692E+22	1,484470E+22	1,267691E+22	1,267678E+22	1,484436E+22	1,822650E+22
1103	2,156821E+22	2,397409E+22	2,514823E+22	2,514844E+22	2,397473E+22	2,156904E+22	1,822707E+22	1,484462E+22	1,267688E+22	1,267689E+22	1,484463E+22	1,822697E+22
1104	2,156888E+22	2,397468E+22	2,514836E+22	2,514804E+22	2,397382E+22	2,156809E+22	1,822649E+22	1,484437E+22	1,267682E+22	1,267700E+22	1,484485E+22	1,822705E+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°
1105	2,156850E+22	2,397365E+22	2,514706E+22	2,514745E+22	2,397417E+22	2,156866E+22	1,822687E+22	1,484453E+22	1,267673E+22	1,267658E+22	1,484422E+22	1,822653E+22
1106	2,156848E+22	2,397448E+22	2,514843E+22	2,514859E+22	2,397503E+22	2,156921E+22	1,822693E+22	1,484422E+22	1,267635E+22	1,267643E+22	1,484439E+22	1,822700E+22
1107	2,156895E+22	2,397452E+22	2,514802E+22	2,514769E+22	2,397370E+22	2,156824E+22	1,822659E+22	1,484412E+22	1,267616E+22	1,267609E+22	1,484394E+22	1,822645E+22
1108	2,156836E+22	2,397393E+22	2,514769E+22	2,514810E+22	2,397450E+22	2,156885E+22	1,822694E+22	1,484423E+22	1,267603E+22	1,267578E+22	1,484359E+22	1,822622E+22
1109	2,156852E+22	2,397482E+22	2,514881E+22	2,514887E+22	2,397487E+22	2,156866E+22	1,822638E+22	1,484374E+22	1,267585E+22	1,267599E+22	1,484408E+22	1,822665E+22
1110	2,156849E+22	2,397413E+22	2,514769E+22	2,514753E+22	2,397396E+22	2,156849E+22	1,822645E+22	1,484364E+22	1,267557E+22	1,267557E+22	1,484361E+22	1,822626E+22
1111	2,156819E+22	2,397395E+22	2,514806E+22	2,514851E+22	2,397495E+22	2,156921E+22	1,822683E+22	1,484368E+22	1,267541E+22	1,267537E+22	1,484353E+22	1,822657E+22
1112	2,156908E+22	2,397507E+22	2,514862E+22	2,514840E+22	2,397421E+22	2,156823E+22	1,822616E+22	1,484343E+22	1,267539E+22	1,267552E+22	1,484378E+22	1,822668E+22
1113	2,156882E+22	2,397434E+22	2,514751E+22	2,514748E+22	2,397403E+22	2,156841E+22	1,822639E+22	1,484369E+22	1,267557E+22	1,267538E+22	1,484328E+22	1,822599E+22
1114	2,156833E+22	2,397468E+22	2,514884E+22	2,514887E+22	2,397503E+22	2,156906E+22	1,822663E+22	1,484370E+22	1,267564E+22	1,267568E+22	1,484377E+22	1,822658E+22
1115	2,156880E+22	2,397472E+22	2,514859E+22	2,514839E+22	2,397403E+22	2,156810E+22	1,822622E+22	1,484371E+22	1,267585E+22	1,267596E+22	1,484396E+22	1,822647E+22
1116	2,156824E+22	2,397370E+22	2,514744E+22	2,514800E+22	2,397455E+22	2,156886E+22	1,822688E+22	1,484428E+22	1,267627E+22	1,267615E+22	1,484396E+22	1,822637E+22
1117	2,156829E+22	2,397432E+22	2,514832E+22	2,514858E+22	2,397495E+22	2,156902E+22	1,822685E+22	1,484433E+22	1,267662E+22	1,267680E+22	1,484474E+22	1,822711E+22
1118	2,156872E+22	2,397404E+22	2,514734E+22	2,514704E+22	2,397353E+22	2,156842E+22	1,822693E+22	1,484466E+22	1,267695E+22	1,267693E+22	1,484458E+22	1,822672E+22
1119	2,156822E+22	2,397357E+22	2,514727E+22	2,514753E+22	2,397415E+22	2,156896E+22	1,822744E+22	1,484517E+22	1,267737E+22	1,267718E+22	1,484465E+22	1,822681E+22
1120	2,156876E+22	2,397464E+22	2,514824E+22	2,514796E+22	2,397377E+22	2,156804E+22	1,822670E+22	1,484493E+22	1,267758E+22	1,267774E+22	1,484534E+22	1,822727E+22
1121	2,156857E+22	2,397376E+22	2,514701E+22	2,514687E+22	2,397336E+22	2,156805E+22	1,822679E+22	1,484510E+22	1,267775E+22	1,267766E+22	1,484498E+22	1,822670E+22
1122	2,156797E+22	2,397359E+22	2,514772E+22	2,514807E+22	2,397454E+22	2,156900E+22	1,822725E+22	1,484509E+22	1,267759E+22	1,267767E+22	1,484524E+22	1,822730E+22
1123	2,156882E+22	2,397423E+22	2,514784E+22	2,514777E+22	2,397371E+22	2,156809E+22	1,822672E+22	1,484481E+22	1,267739E+22	1,267754E+22	1,484518E+22	1,822716E+22
1124	2,156848E+22	2,397356E+22	2,514677E+22	2,514699E+22	2,397384E+22	2,156864E+22	1,822722E+22	1,484512E+22	1,267737E+22	1,267714E+22	1,484457E+22	1,822658E+22
1125	2,156821E+22	2,397417E+22	2,514814E+22	2,514816E+22	2,397451E+22	2,156890E+22	1,822711E+22	1,484487E+22	1,267723E+22	1,267722E+22	1,484483E+22	1,822703E+22
1126	2,156868E+22	2,397418E+22	2,514773E+22	2,514739E+22	2,397345E+22	2,156812E+22	1,822675E+22	1,484464E+22	1,267697E+22	1,267690E+22	1,484443E+22	1,822645E+22
1127	2,156796E+22	2,397340E+22	2,514723E+22	2,514774E+22	2,397434E+22	2,156882E+22	1,822713E+22	1,484475E+22	1,267685E+22	1,267665E+22	1,484420E+22	1,822640E+22
1128	2,156834E+22	2,397443E+22	2,514830E+22	2,514836E+22	2,397447E+22	2,156844E+22	1,822646E+22	1,484413E+22	1,267650E+22	1,267671E+22	1,484471E+22	1,822710E+22
1129	2,156862E+22	2,397392E+22	2,514726E+22	2,514707E+22	2,397360E+22	2,156824E+22	1,822652E+22	1,484413E+22	1,267632E+22	1,267626E+22	1,484407E+22	1,822646E+22
1130	2,156814E+22	2,397373E+22	2,514770E+22	2,514803E+22	2,397454E+22	2,156902E+22	1,822702E+22	1,484427E+22	1,267622E+22	1,267614E+22	1,484404E+22	1,822675E+22
1131	2,156899E+22	2,397483E+22	2,514843E+22	2,514824E+22	2,397397E+22	2,156802E+22	1,822626E+22	1,484391E+22	1,267614E+22	1,267626E+22	1,484421E+22	1,822670E+22
1132	2,156860E+22	2,397416E+22	2,514740E+22	2,514731E+22	2,397386E+22	2,156832E+22	1,822661E+22	1,484428E+22	1,267638E+22	1,267623E+22	1,484393E+22	1,822618E+22
1133	2,156794E+22	2,397406E+22	2,514835E+22	2,514856E+22	2,397483E+22	2,156894E+22	1,822681E+22	1,484434E+22	1,267662E+22	1,267669E+22	1,484453E+22	1,822693E+22
1134	2,156866E+22	2,397418E+22	2,514790E+22	2,514779E+22	2,397384E+22	2,156826E+22	1,822662E+22	1,484436E+22	1,267676E+22	1,267689E+22	1,484463E+22	1,822675E+22
1135	2,156814E+22	2,397328E+22	2,514678E+22	2,514725E+22	2,397411E+22	2,156886E+22	1,822735E+22	1,484510E+22	1,267728E+22	1,267709E+22	1,484457E+22	1,822661E+22
1136	2,156832E+22	2,397418E+22	2,514788E+22	2,514785E+22	2,397418E+22	2,156856E+22	1,822697E+22	1,484499E+22	1,267757E+22	1,267770E+22	1,484534E+22	1,822737E+22
1137	2,156873E+22	2,397395E+22	2,514713E+22	2,514662E+22	2,397295E+22	2,156791E+22	1,822690E+22	1,484530E+22	1,267798E+22	1,267790E+22	1,484513E+22	1,822675E+22
1138	2,156790E+22	2,397320E+22	2,514702E+22	2,514729E+22	2,397383E+22	2,156864E+22	1,822748E+22	1,484572E+22	1,267831E+22	1,267819E+22	1,484536E+22	1,822703E+22
1139	2,156846E+22	2,397409E+22	2,514787E+22	2,514787E+22	2,397375E+22	2,156795E+22	1,822673E+22	1,484531E+22	1,267828E+22	1,267851E+22	1,484591E+22	1,822747E+22
1140	2,156842E+22	2,397343E+22	2,514665E+22	2,514655E+22	2,397326E+22	2,156819E+22	1,822714E+22	1,484562E+22	1,267837E+22	1,267833E+22	1,484555E+22	1,822699E+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	2,156783E+22	2,397314E+22	2,514718E+22	2,514758E+22	2,397419E+22	2,156891E+22	1,822756E+22	1,484576E+22	1,267842E+22	1,267840E+22	1,484571E+22	1,822750E+22
1142	2,156882E+22	2,397400E+22	2,514739E+22	2,514722E+22	2,397343E+22	2,156814E+22	1,822707E+22	1,484546E+22	1,267821E+22	1,267826E+22	1,484553E+22	1,822711E+22
1143	2,156822E+22	2,397329E+22	2,514651E+22	2,514655E+22	2,397344E+22	2,156852E+22	1,822752E+22	1,484581E+22	1,267828E+22	1,267799E+22	1,484503E+22	1,822655E+22
1144	2,156792E+22	2,397381E+22	2,514784E+22	2,514780E+22	2,397405E+22	2,156849E+22	1,822708E+22	1,484532E+22	1,267802E+22	1,267807E+22	1,484548E+22	1,822729E+22
1145	2,156852E+22	2,397378E+22	2,514734E+22	2,514710E+22	2,397324E+22	2,156786E+22	1,822667E+22	1,484504E+22	1,267775E+22	1,267773E+22	1,484506E+22	1,822672E+22
1146	2,156780E+22	2,397291E+22	2,514665E+22	2,514721E+22	2,397403E+22	2,156873E+22	1,822726E+22	1,484517E+22	1,267752E+22	1,267740E+22	1,484485E+22	1,822683E+22
1147	2,156842E+22	2,397409E+22	2,514784E+22	2,514796E+22	2,397416E+22	2,156829E+22	1,822658E+22	1,484453E+22	1,267706E+22	1,267725E+22	1,484507E+22	1,822730E+22
1148	2,156876E+22	2,397399E+22	2,514714E+22	2,514668E+22	2,397321E+22	2,156809E+22	1,822672E+22	1,484464E+22	1,267694E+22	1,267686E+22	1,484448E+22	1,822656E+22
1149	2,156796E+22	2,397349E+22	2,514752E+22	2,514774E+22	2,397412E+22	2,156871E+22	1,822713E+22	1,484488E+22	1,267711E+22	1,267698E+22	1,484453E+22	1,822681E+22
1150	2,156876E+22	2,397451E+22	2,514818E+22	2,514803E+22	2,397392E+22	2,156807E+22	1,822648E+22	1,484447E+22	1,267701E+22	1,267713E+22	1,484474E+22	1,822672E+22
1151	2,156819E+22	2,397362E+22	2,514697E+22	2,514696E+22	2,397373E+22	2,156842E+22	1,822697E+22	1,484496E+22	1,267734E+22	1,267719E+22	1,484457E+22	1,822636E+22
1152	2,156771E+22	2,397352E+22	2,514770E+22	2,514794E+22	2,397441E+22	2,156882E+22	1,822708E+22	1,484498E+22	1,267751E+22	1,267760E+22	1,484521E+22	1,822730E+22
1153	2,156869E+22	2,397386E+22	2,514736E+22	2,514720E+22	2,397338E+22	2,156801E+22	1,822680E+22	1,484510E+22	1,267778E+22	1,267781E+22	1,484520E+22	1,822693E+22
1154	2,156802E+22	2,397294E+22	2,514626E+22	2,514656E+22	2,397350E+22	2,156856E+22	1,822756E+22	1,484582E+22	1,267832E+22	1,267810E+22	1,484523E+22	1,822684E+22
1155	2,156819E+22	2,397383E+22	2,514760E+22	2,514753E+22	2,397373E+22	2,156820E+22	1,822703E+22	1,484555E+22	1,267846E+22	1,267860E+22	1,484592E+22	1,822751E+22
1156	2,156858E+22	2,397374E+22	2,514701E+22	2,514645E+22	2,397269E+22	2,156767E+22	1,822697E+22	1,484580E+22	1,267879E+22	1,267882E+22	1,484588E+22	1,822702E+22
1157	2,156760E+22	2,397264E+22	2,514656E+22	2,514700E+22	2,397362E+22	2,156849E+22	1,822756E+22	1,484624E+22	1,267920E+22	1,267914E+22	1,484610E+22	1,822741E+22
1158	2,156843E+22	2,397369E+22	2,514729E+22	2,514735E+22	2,397365E+22	2,156817E+22	1,822708E+22	1,484584E+22	1,267904E+22	1,267928E+22	1,484643E+22	1,822765E+22
1159	2,156833E+22	2,397313E+22	2,514620E+22	2,514599E+22	2,397293E+22	2,156825E+22	1,822758E+22	1,484635E+22	1,267924E+22	1,267908E+22	1,484594E+22	1,822705E+22
1160	2,156778E+22	2,397295E+22	2,514682E+22	2,514703E+22	2,397362E+22	2,156860E+22	1,822771E+22	1,484637E+22	1,267926E+22	1,267915E+22	1,484612E+22	1,822756E+22
1161	2,156868E+22	2,397380E+22	2,514720E+22	2,514694E+22	2,397303E+22	2,156777E+22	1,822709E+22	1,484604E+22	1,267912E+22	1,267909E+22	1,484599E+22	1,822706E+22
1162	2,156779E+22	2,397277E+22	2,514613E+22	2,514626E+22	2,397317E+22	2,156832E+22	1,822759E+22	1,484630E+22	1,267910E+22	1,267888E+22	1,484571E+22	1,822680E+22
1163	2,156764E+22	2,397318E+22	2,514735E+22	2,514755E+22	2,397390E+22	2,156842E+22	1,822713E+22	1,484563E+22	1,267859E+22	1,267874E+22	1,484603E+22	1,822759E+22
1164	2,156852E+22	2,397349E+22	2,514694E+22	2,514668E+22	2,397298E+22	2,156787E+22	1,822691E+22	1,484544E+22	1,267828E+22	1,267835E+22	1,484564E+22	1,822708E+22
1165	2,156783E+22	2,397262E+22	2,514619E+22	2,514671E+22	2,397360E+22	2,156852E+22	1,822742E+22	1,484571E+22	1,267826E+22	1,267809E+22	1,484531E+22	1,822708E+22
1166	2,156857E+22	2,397406E+22	2,514753E+22	2,514742E+22	2,397383E+22	2,156828E+22	1,822681E+22	1,484507E+22	1,267782E+22	1,267794E+22	1,484541E+22	1,822725E+22
1167	2,156857E+22	2,397385E+22	2,514708E+22	2,514643E+22	2,397289E+22	2,156798E+22	1,822699E+22	1,484530E+22	1,267785E+22	1,267769E+22	1,484490E+22	1,822654E+22
1168	2,156771E+22	2,397315E+22	2,514727E+22	2,514752E+22	2,397381E+22	2,156840E+22	1,822713E+22	1,484538E+22	1,267796E+22	1,267786E+22	1,484514E+22	1,822699E+22
1169	2,156852E+22	2,397401E+22	2,514773E+22	2,514773E+22	2,397376E+22	2,156795E+22	1,822657E+22	1,484503E+22	1,267791E+22	1,267805E+22	1,484538E+22	1,822692E+22
1170	2,156793E+22	2,397300E+22	2,514630E+22	2,514637E+22	2,397338E+22	2,156842E+22	1,822729E+22	1,484560E+22	1,267822E+22	1,267813E+22	1,484530E+22	1,822673E+22
1171	2,156767E+22	2,397304E+22	2,514710E+22	2,514735E+22	2,397390E+22	2,156862E+22	1,822729E+22	1,484559E+22	1,267834E+22	1,267839E+22	1,484572E+22	1,822750E+22
1172	2,156871E+22	2,397377E+22	2,514710E+22	2,514668E+22	2,397284E+22	2,156775E+22	1,822700E+22	1,484573E+22	1,267868E+22	1,267872E+22	1,484583E+22	1,822708E+22
1173	2,156780E+22	2,397260E+22	2,514598E+22	2,514621E+22	2,397299E+22	2,156814E+22	1,822758E+22	1,484646E+22	1,267936E+22	1,267914E+22	1,484592E+22	1,822704E+22
1174	2,156803E+22	2,397348E+22	2,514721E+22	2,514721E+22	2,397360E+22	2,156819E+22	1,822716E+22	1,484609E+22	1,267937E+22	1,267956E+22	1,484656E+22	1,822765E+22
1175	2,156828E+22	2,397326E+22	2,514662E+22	2,514616E+22	2,397257E+22	2,156779E+22	1,822731E+22	1,484643E+22	1,267968E+22	1,267971E+22	1,484649E+22	1,822728E+22
1176	2,156754E+22	2,397222E+22	2,514600E+22	2,514649E+22	2,397325E+22	2,156839E+22	1,822780E+22	1,484682E+22	1,268000E+22	1,267994E+22	1,484668E+22	1,822769E+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	2,156847E+22	2,397346E+22	2,514686E+22	2,514688E+22	2,397329E+22	2,156804E+22	1,822734E+22	1,484655E+22	1,267995E+22	1,268007E+22	1,484686E+22	1,822770E+22
1178	2,156813E+22	2,397282E+22	2,514580E+22	2,514547E+22	2,397245E+22	2,156812E+22	1,822785E+22	1,484702E+22	1,268016E+22	1,267997E+22	1,484650E+22	1,822716E+22
1179	2,156751E+22	2,397251E+22	2,514651E+22	2,514676E+22	2,397322E+22	2,156833E+22	1,822780E+22	1,484687E+22	1,268004E+22	1,267994E+22	1,484663E+22	1,822764E+22
1180	2,156845E+22	2,397348E+22	2,514695E+22	2,514675E+22	2,397281E+22	2,156760E+22	1,822714E+22	1,484644E+22	1,267982E+22	1,267992E+22	1,484669E+22	1,822734E+22
1181	2,156757E+22	2,397220E+22	2,514555E+22	2,514585E+22	2,397287E+22	2,156815E+22	1,822763E+22	1,484670E+22	1,267982E+22	1,267969E+22	1,484639E+22	1,822724E+22
1182	2,156778E+22	2,397293E+22	2,514676E+22	2,514694E+22	2,397364E+22	2,156853E+22	1,822738E+22	1,484606E+22	1,267919E+22	1,267935E+22	1,484647E+22	1,822779E+22
1183	2,156859E+22	2,397343E+22	2,514668E+22	2,514621E+22	2,397253E+22	2,156776E+22	1,822719E+22	1,484602E+22	1,267899E+22	1,267895E+22	1,484592E+22	1,822713E+22
1184	2,156788E+22	2,397259E+22	2,514601E+22	2,514632E+22	2,397305E+22	2,156814E+22	1,822743E+22	1,484618E+22	1,267900E+22	1,267878E+22	1,484567E+22	1,822707E+22
1185	2,156841E+22	2,397394E+22	2,514749E+22	2,514734E+22	2,397357E+22	2,156798E+22	1,822682E+22	1,484560E+22	1,267866E+22	1,267873E+22	1,484582E+22	1,822713E+22
1186	2,156808E+22	2,397330E+22	2,514672E+22	2,514626E+22	2,397275E+22	2,156793E+22	1,822713E+22	1,484582E+22	1,267870E+22	1,267861E+22	1,484557E+22	1,822671E+22
1187	2,156733E+22	2,397242E+22	2,514668E+22	2,514724E+22	2,397367E+22	2,156844E+22	1,822736E+22	1,484586E+22	1,267869E+22	1,267864E+22	1,484573E+22	1,822722E+22
1188	2,156839E+22	2,397358E+22	2,514719E+22	2,514727E+22	2,397346E+22	2,156797E+22	1,822692E+22	1,484562E+22	1,267869E+22	1,267889E+22	1,484606E+22	1,822722E+22
1189	2,156783E+22	2,397253E+22	2,514565E+22	2,514573E+22	2,397282E+22	2,156819E+22	1,822753E+22	1,484633E+22	1,267923E+22	1,267909E+22	1,484595E+22	1,822704E+22
1190	2,156775E+22	2,397289E+22	2,514661E+22	2,514666E+22	2,397341E+22	2,156854E+22	1,822755E+22	1,484626E+22	1,267932E+22	1,267934E+22	1,484630E+22	1,822758E+22
1191	2,156851E+22	2,397355E+22	2,514690E+22	2,514634E+22	2,397238E+22	2,156752E+22	1,822721E+22	1,484644E+22	1,267972E+22	1,267974E+22	1,484647E+22	1,822726E+22
1192	2,156767E+22	2,397225E+22	2,514561E+22	2,514591E+22	2,397264E+22	2,156781E+22	1,822753E+22	1,484694E+22	1,268027E+22	1,268015E+22	1,484669E+22	1,822739E+22
1193	2,156797E+22	2,397312E+22	2,514678E+22	2,514689E+22	2,397339E+22	2,156809E+22	1,822730E+22	1,484665E+22	1,268025E+22	1,268046E+22	1,484721E+22	1,822791E+22
1194	2,156815E+22	2,397281E+22	2,514605E+22	2,514567E+22	2,397225E+22	2,156781E+22	1,822768E+22	1,484709E+22	1,268054E+22	1,268057E+22	1,484712E+22	1,822756E+22
1195	2,156748E+22	2,397189E+22	2,514557E+22	2,514604E+22	2,397282E+22	2,156824E+22	1,822806E+22	1,484744E+22	1,268078E+22	1,268063E+22	1,484706E+22	1,822773E+22
1196	2,156835E+22	2,397334E+22	2,514669E+22	2,514653E+22	2,397287E+22	2,156787E+22	1,822757E+22	1,484714E+22	1,268078E+22	1,268090E+22	1,484739E+22	1,822770E+22
1197	2,156777E+22	2,397237E+22	2,514546E+22	2,514521E+22	2,397206E+22	2,156782E+22	1,822794E+22	1,484761E+22	1,268110E+22	1,268092E+22	1,484714E+22	1,822733E+22
1198	2,156730E+22	2,397209E+22	2,514595E+22	2,514633E+22	2,397307E+22	2,156836E+22	1,822794E+22	1,484732E+22	1,268081E+22	1,268077E+22	1,484722E+22	1,822779E+22
1199	2,156819E+22	2,397303E+22	2,514648E+22	2,514636E+22	2,397259E+22	2,156764E+22	1,822743E+22	1,484698E+22	1,268055E+22	1,268066E+22	1,484722E+22	1,822765E+22
1200	2,156765E+22	2,397193E+22	2,514504E+22	2,514534E+22	2,397241E+22	2,156789E+22	1,822769E+22	1,484711E+22	1,268045E+22	1,268033E+22	1,484686E+22	1,822752E+22
1201	2,156792E+22	2,397289E+22	2,514646E+22	2,514651E+22	2,397318E+22	2,156824E+22	1,822749E+22	1,484660E+22	1,267992E+22	1,267998E+22	1,484680E+22	1,822780E+22
1202	2,156842E+22	2,397325E+22	2,514648E+22	2,514592E+22	2,397214E+22	2,156759E+22	1,822737E+22	1,484655E+22	1,267975E+22	1,267971E+22	1,484639E+22	1,822717E+22
1203	2,156757E+22	2,397226E+22	2,514587E+22	2,514624E+22	2,397277E+22	2,156789E+22	1,822748E+22	1,484660E+22	1,267968E+22	1,267949E+22	1,484611E+22	1,822707E+22
1204	2,156807E+22	2,397355E+22	2,514724E+22	2,514725E+22	2,397351E+22	2,156797E+22	1,822695E+22	1,484600E+22	1,267937E+22	1,267958E+22	1,484649E+22	1,822732E+22
1205	2,156774E+22	2,397264E+22	2,514604E+22	2,514585E+22	2,397254E+22	2,156792E+22	1,822735E+22	1,484636E+22	1,267953E+22	1,267951E+22	1,484629E+22	1,822711E+22
1206	2,156738E+22	2,397203E+22	2,514584E+22	2,514644E+22	2,397334E+22	2,156857E+22	1,822774E+22	1,484649E+22	1,267951E+22	1,267944E+22	1,484627E+22	1,822743E+22
1207	2,156835E+22	2,397336E+22	2,514673E+22	2,514665E+22	2,397290E+22	2,156782E+22	1,822729E+22	1,484641E+22	1,267967E+22	1,267973E+22	1,484654E+22	1,822741E+22
1208	2,156787E+22	2,397240E+22	2,514532E+22	2,514521E+22	2,397213E+22	2,156767E+22	1,822753E+22	1,484691E+22	1,268019E+22	1,268005E+22	1,484657E+22	1,822721E+22
1209	2,156765E+22	2,397275E+22	2,514645E+22	2,514643E+22	2,397296E+22	2,156811E+22	1,822757E+22	1,484687E+22	1,268030E+22	1,268034E+22	1,484695E+22	1,822767E+22
1210	2,156816E+22	2,397308E+22	2,514652E+22	2,514612E+22	2,397220E+22	2,156743E+22	1,822736E+22	1,484698E+22	1,268063E+22	1,268076E+22	1,484726E+22	1,822756E+22
1211	2,156741E+22	2,397173E+22	2,514516E+22	2,514562E+22	2,397244E+22	2,156781E+22	1,822777E+22	1,484744E+22	1,268102E+22	1,268095E+22	1,484727E+22	1,822764E+22
1212	2,156791E+22	2,397283E+22	2,514638E+22	2,514653E+22	2,397315E+22	2,156813E+22	1,822766E+22	1,484726E+22	1,268107E+22	1,268129E+22	1,484780E+22	1,822809E+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	2,156800E+22	2,397241E+22	2,514549E+22	2,514515E+22	2,397182E+22	2,156768E+22	1,822800E+22	1,484785E+22	1,268155E+22	1,268149E+22	1,484768E+22	1,822773E+22
1214	2,156742E+22	2,397167E+22	2,514506E+22	2,514546E+22	2,397247E+22	2,156823E+22	1,822839E+22	1,484815E+22	1,268174E+22	1,268153E+22	1,484757E+22	1,822771E+22
1215	2,156797E+22	2,397297E+22	2,514644E+22	2,514628E+22	2,397251E+22	2,156764E+22	1,822778E+22	1,484782E+22	1,268174E+22	1,268182E+22	1,484797E+22	1,822788E+22
1216	2,156756E+22	2,397187E+22	2,514494E+22	2,514483E+22	2,397169E+22	2,156747E+22	1,822786E+22	1,484800E+22	1,268189E+22	1,268182E+22	1,484787E+22	1,822771E+22
1217	2,156728E+22	2,397176E+22	2,514546E+22	2,514587E+22	2,397271E+22	2,156817E+22	1,822805E+22	1,484776E+22	1,268149E+22	1,268151E+22	1,484780E+22	1,822807E+22
1218	2,156815E+22	2,397272E+22	2,514595E+22	2,514581E+22	2,397217E+22	2,156752E+22	1,822764E+22	1,484745E+22	1,268120E+22	1,268132E+22	1,484773E+22	1,822791E+22
1219	2,156765E+22	2,397182E+22	2,514482E+22	2,514497E+22	2,397197E+22	2,156763E+22	1,822778E+22	1,484752E+22	1,268103E+22	1,268085E+22	1,484713E+22	1,822753E+22
1220	2,156784E+22	2,397289E+22	2,514648E+22	2,514639E+22	2,397290E+22	2,156803E+22	1,822758E+22	1,484699E+22	1,268058E+22	1,268067E+22	1,484721E+22	1,822773E+22
1221	2,156801E+22	2,397280E+22	2,514620E+22	2,514584E+22	2,397199E+22	2,156741E+22	1,822747E+22	1,484705E+22	1,268055E+22	1,268052E+22	1,484694E+22	1,822728E+22
1222	2,156730E+22	2,397179E+22	2,514527E+22	2,514588E+22	2,397280E+22	2,156810E+22	1,822776E+22	1,484709E+22	1,268042E+22	1,268026E+22	1,484666E+22	1,822717E+22
1223	2,156770E+22	2,397298E+22	2,514668E+22	2,514683E+22	2,397331E+22	2,156810E+22	1,822741E+22	1,484668E+22	1,268019E+22	1,268035E+22	1,484703E+22	1,822761E+22
1224	2,156776E+22	2,397224E+22	2,514535E+22	2,514518E+22	2,397202E+22	2,156768E+22	1,822755E+22	1,484697E+22	1,268039E+22	1,268036E+22	1,484691E+22	1,822745E+22
1225	2,156750E+22	2,397195E+22	2,514542E+22	2,514579E+22	2,397268E+22	2,156821E+22	1,822795E+22	1,484721E+22	1,268047E+22	1,268033E+22	1,484682E+22	1,822756E+22
1226	2,156819E+22	2,397315E+22	2,514643E+22	2,514619E+22	2,397234E+22	2,156750E+22	1,822745E+22	1,484706E+22	1,268066E+22	1,268075E+22	1,484725E+22	1,822762E+22
1227	2,156763E+22	2,397213E+22	2,514519E+22	2,514505E+22	2,397175E+22	2,156728E+22	1,822749E+22	1,484737E+22	1,268102E+22	1,268094E+22	1,484721E+22	1,822741E+22
1228	2,156745E+22	2,397243E+22	2,514621E+22	2,514632E+22	2,397286E+22	2,156801E+22	1,822764E+22	1,484728E+22	1,268111E+22	1,268131E+22	1,484772E+22	1,822796E+22
1229	2,156793E+22	2,397252E+22	2,514593E+22	2,514577E+22	2,397203E+22	2,156746E+22	1,822766E+22	1,484759E+22	1,268150E+22	1,268167E+22	1,484797E+22	1,822794E+22
1230	2,156747E+22	2,397146E+22	2,514448E+22	2,514495E+22	2,397217E+22	2,156795E+22	1,822821E+22	1,484816E+22	1,268190E+22	1,268174E+22	1,484775E+22	1,822771E+22
1231	2,156769E+22	2,397256E+22	2,514602E+22	2,514605E+22	2,397272E+22	2,156806E+22	1,822811E+22	1,484813E+22	1,268209E+22	1,268213E+22	1,484821E+22	1,822815E+22
1232	2,156785E+22	2,397211E+22	2,514511E+22	2,514471E+22	2,397130E+22	2,156727E+22	1,822806E+22	1,484848E+22	1,268254E+22	1,268247E+22	1,484829E+22	1,822784E+22
1233	2,156718E+22	2,397133E+22	2,514469E+22	2,514509E+22	2,397204E+22	2,156786E+22	1,822846E+22	1,484876E+22	1,268268E+22	1,268249E+22	1,484823E+22	1,822784E+22
1234	2,156757E+22	2,397235E+22	2,514586E+22	2,514588E+22	2,397227E+22	2,156757E+22	1,822794E+22	1,484831E+22	1,268254E+22	1,268272E+22	1,484873E+22	1,822825E+22
1235	2,156738E+22	2,397142E+22	2,514450E+22	2,514441E+22	2,397135E+22	2,156731E+22	1,822796E+22	1,484835E+22	1,268244E+22	1,268244E+22	1,484838E+22	1,822802E+22
1236	2,156736E+22	2,397164E+22	2,514517E+22	2,514550E+22	2,397238E+22	2,156802E+22	1,822820E+22	1,484816E+22	1,268209E+22	1,268215E+22	1,484826E+22	1,822824E+22
1237	2,156811E+22	2,397252E+22	2,514561E+22	2,514542E+22	2,397182E+22	2,156736E+22	1,822782E+22	1,484798E+22	1,268194E+22	1,268201E+22	1,484813E+22	1,822802E+22
1238	2,156762E+22	2,397175E+22	2,514453E+22	2,514459E+22	2,397176E+22	2,156761E+22	1,822800E+22	1,484804E+22	1,268175E+22	1,268152E+22	1,484748E+22	1,822742E+22
1239	2,156743E+22	2,397254E+22	2,514632E+22	2,514632E+22	2,397278E+22	2,156795E+22	1,822782E+22	1,484760E+22	1,268139E+22	1,268140E+22	1,484765E+22	1,822784E+22
1240	2,156777E+22	2,397226E+22	2,514565E+22	2,514551E+22	2,397181E+22	2,156724E+22	1,822752E+22	1,484749E+22	1,268131E+22	1,268136E+22	1,484759E+22	1,822761E+22
1241	2,156723E+22	2,397141E+22	2,514469E+22	2,514528E+22	2,397239E+22	2,156799E+22	1,822806E+22	1,484770E+22	1,268119E+22	1,268104E+22	1,484725E+22	1,822744E+22
1242	2,156759E+22	2,397258E+22	2,514607E+22	2,514616E+22	2,397280E+22	2,156794E+22	1,822771E+22	1,484733E+22	1,268104E+22	1,268117E+22	1,484763E+22	1,822788E+22
1243	2,156769E+22	2,397209E+22	2,514510E+22	2,514467E+22	2,397141E+22	2,156727E+22	1,822761E+22	1,484750E+22	1,268119E+22	1,268113E+22	1,484738E+22	1,822757E+22
1244	2,156742E+22	2,397192E+22	2,514542E+22	2,514560E+22	2,397227E+22	2,156781E+22	1,822793E+22	1,484767E+22	1,268134E+22	1,268129E+22	1,484745E+22	1,822764E+22
1245	2,156787E+22	2,397271E+22	2,514610E+22	2,514599E+22	2,397214E+22	2,156727E+22	1,822750E+22	1,484760E+22	1,268158E+22	1,268174E+22	1,484798E+22	1,822789E+22
1246	2,156746E+22	2,397171E+22	2,514463E+22	2,514470E+22	2,397179E+22	2,156746E+22	1,822777E+22	1,484793E+22	1,268185E+22	1,268180E+22	1,484783E+22	1,822760E+22
1247	2,156719E+22	2,397195E+22	2,514575E+22	2,514599E+22	2,397271E+22	2,156812E+22	1,822811E+22	1,484804E+22	1,268201E+22	1,268209E+22	1,484824E+22	1,822824E+22
1248	2,156791E+22	2,397209E+22	2,514527E+22	2,514517E+22	2,397162E+22	2,156728E+22	1,822793E+22	1,484832E+22	1,268248E+22	1,268259E+22	1,484856E+22	1,822817E+22

1 Longitude ☉ 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°
1249	2,156744E+22	2,397128E+22	2,514406E+22	2,514431E+22	2,397160E+22	2,156774E+22	1,822857E+22	1,484898E+22	1,268294E+22	1,268270E+22	1,484832E+22	1,822776E+22
1250	2,156734E+22	2,397211E+22	2,514561E+22	2,514556E+22	2,397221E+22	2,156780E+22	1,822835E+22	1,484885E+22	1,268314E+22	1,268319E+22	1,484894E+22	1,822831E+22
1251	2,156748E+22	2,397167E+22	2,514481E+22	2,514439E+22	2,397091E+22	2,156690E+22	1,822802E+22	1,484895E+22	1,268338E+22	1,268338E+22	1,484898E+22	1,822813E+22
1252	2,156704E+22	2,397096E+22	2,514433E+22	2,514478E+22	2,397181E+22	2,156768E+22	1,822844E+22	1,484907E+22	1,268340E+22	1,268339E+22	1,484897E+22	1,822821E+22
1253	2,156750E+22	2,397187E+22	2,514523E+22	2,514533E+22	2,397196E+22	2,156749E+22	1,822813E+22	1,484879E+22	1,268323E+22	1,268346E+22	1,484933E+22	1,822867E+22
1254	2,156760E+22	2,397133E+22	2,514400E+22	2,514382E+22	2,397107E+22	2,156731E+22	1,822824E+22	1,484888E+22	1,268308E+22	1,268298E+22	1,484868E+22	1,822807E+22
1255	2,156727E+22	2,397158E+22	2,514510E+22	2,514524E+22	2,397203E+22	2,156787E+22	1,822846E+22	1,484879E+22	1,268284E+22	1,268272E+22	1,484848E+22	1,822823E+22
1256	2,156796E+22	2,397230E+22	2,514542E+22	2,514521E+22	2,397153E+22	2,156704E+22	1,822783E+22	1,484846E+22	1,268272E+22	1,268277E+22	1,484857E+22	1,822802E+22
1257	2,156734E+22	2,397146E+22	2,514432E+22	2,514437E+22	2,397154E+22	2,156746E+22	1,822817E+22	1,484858E+22	1,268253E+22	1,268232E+22	1,484800E+22	1,822746E+22
1258	2,156695E+22	2,397183E+22	2,514575E+22	2,514595E+22	2,397266E+22	2,156803E+22	1,822810E+22	1,484815E+22	1,268217E+22	1,268223E+22	1,484829E+22	1,822809E+22
1259	2,156752E+22	2,397178E+22	2,514517E+22	2,514501E+22	2,397146E+22	2,156713E+22	1,822771E+22	1,484797E+22	1,268199E+22	1,268204E+22	1,484811E+22	1,822791E+22
1260	2,156728E+22	2,397122E+22	2,514430E+22	2,514475E+22	2,397195E+22	2,156776E+22	1,822818E+22	1,484820E+22	1,268198E+22	1,268187E+22	1,484781E+22	1,822767E+22
1261	2,156754E+22	2,397230E+22	2,514564E+22	2,514561E+22	2,397231E+22	2,156769E+22	1,822788E+22	1,484796E+22	1,268194E+22	1,268205E+22	1,484823E+22	1,822814E+22
1262	2,156770E+22	2,397196E+22	2,514482E+22	2,514429E+22	2,397110E+22	2,156706E+22	1,822772E+22	1,484804E+22	1,268203E+22	1,268197E+22	1,484792E+22	1,822763E+22
1263	2,156709E+22	2,397156E+22	2,514526E+22	2,514551E+22	2,397213E+22	2,156765E+22	1,822806E+22	1,484825E+22	1,268222E+22	1,268214E+22	1,484805E+22	1,822793E+22
1264	2,156773E+22	2,397220E+22	2,514555E+22	2,514563E+22	2,397200E+22	2,156717E+22	1,822758E+22	1,484807E+22	1,268242E+22	1,268267E+22	1,484869E+22	1,822825E+22
1265	2,156747E+22	2,397139E+22	2,514410E+22	2,514407E+22	2,397137E+22	2,156742E+22	1,822817E+22	1,484864E+22	1,268273E+22	1,268266E+22	1,484841E+22	1,822781E+22
1266	2,156703E+22	2,397150E+22	2,514515E+22	2,514535E+22	2,397227E+22	2,156805E+22	1,822854E+22	1,484887E+22	1,268302E+22	1,268300E+22	1,484880E+22	1,822837E+22
1267	2,156770E+22	2,397186E+22	2,514501E+22	2,514466E+22	2,397106E+22	2,156694E+22	1,822807E+22	1,484898E+22	1,268343E+22	1,268348E+22	1,484907E+22	1,822823E+22
1268	2,156722E+22	2,397103E+22	2,514391E+22	2,514402E+22	2,397118E+22	2,156739E+22	1,822859E+22	1,484952E+22	1,268391E+22	1,268376E+22	1,484901E+22	1,822787E+22
1269	2,156696E+22	2,397149E+22	2,514508E+22	2,514519E+22	2,397196E+22	2,156763E+22	1,822845E+22	1,484941E+22	1,268406E+22	1,268419E+22	1,484971E+22	1,822866E+22
1270	2,156738E+22	2,397120E+22	2,514416E+22	2,514390E+22	2,397078E+22	2,156696E+22	1,822824E+22	1,484944E+22	1,268412E+22	1,268417E+22	1,484957E+22	1,822839E+22
1271	2,156693E+22	2,397061E+22	2,514394E+22	2,514441E+22	2,397155E+22	2,156764E+22	1,822875E+22	1,484969E+22	1,268415E+22	1,268403E+22	1,484941E+22	1,822853E+22
1272	2,156764E+22	2,397166E+22	2,514475E+22	2,514480E+22	2,397155E+22	2,156725E+22	1,822825E+22	1,484933E+22	1,268402E+22	1,268418E+22	1,484977E+22	1,822883E+22
1273	2,156765E+22	2,397134E+22	2,514387E+22	2,514339E+22	2,397057E+22	2,156710E+22	1,822850E+22	1,484951E+22	1,268388E+22	1,268371E+22	1,484906E+22	1,822802E+22
1274	2,156693E+22	2,397122E+22	2,514491E+22	2,514504E+22	2,397176E+22	2,156770E+22	1,822865E+22	1,484938E+22	1,268368E+22	1,268354E+22	1,484899E+22	1,822823E+22
1275	2,156753E+22	2,397185E+22	2,514520E+22	2,514505E+22	2,397137E+22	2,156685E+22	1,822781E+22	1,484883E+22	1,268341E+22	1,268352E+22	1,484912E+22	1,822820E+22
1276	2,156712E+22	2,397102E+22	2,514395E+22	2,514408E+22	2,397140E+22	2,156743E+22	1,822823E+22	1,484891E+22	1,268321E+22	1,268315E+22	1,484866E+22	1,822776E+22
1277	2,156682E+22	2,397125E+22	2,514500E+22	2,514528E+22	2,397229E+22	2,156799E+22	1,822837E+22	1,484869E+22	1,268290E+22	1,268298E+22	1,484887E+22	1,822846E+22
1278	2,156766E+22	2,397157E+22	2,514459E+22	2,514434E+22	2,397108E+22	2,156704E+22	1,822795E+22	1,484855E+22	1,268274E+22	1,268271E+22	1,484850E+22	1,822801E+22
1279	2,156722E+22	2,397111E+22	2,514419E+22	2,514445E+22	2,397150E+22	2,156745E+22	1,822831E+22	1,484881E+22	1,268282E+22	1,268257E+22	1,484821E+22	1,822780E+22
1280	2,156745E+22	2,397202E+22	2,514535E+22	2,514528E+22	2,397190E+22	2,156728E+22	1,822782E+22	1,484844E+22	1,268281E+22	1,268296E+22	1,484883E+22	1,822830E+22
1281	2,156753E+22	2,397167E+22	2,514458E+22	2,514402E+22	2,397083E+22	2,156694E+22	1,822791E+22	1,484859E+22	1,268285E+22	1,268285E+22	1,484854E+22	1,822779E+22
1282	2,156675E+22	2,397095E+22	2,514474E+22	2,514514E+22	2,397197E+22	2,156774E+22	1,822839E+22	1,484887E+22	1,268308E+22	1,268302E+22	1,484869E+22	1,822814E+22
1283	2,156753E+22	2,397180E+22	2,514510E+22	2,514513E+22	2,397167E+22	2,156711E+22	1,822785E+22	1,484869E+22	1,268325E+22	1,268346E+22	1,484922E+22	1,822847E+22
1284	2,156745E+22	2,397118E+22	2,514376E+22	2,514359E+22	2,397097E+22	2,156728E+22	1,822839E+22	1,484930E+22	1,268373E+22	1,268364E+22	1,484900E+22	1,822793E+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	2,156682E+22	2,397105E+22	2,514462E+22	2,514475E+22	2,397178E+22	2,156788E+22	1,822883E+22	1,484965E+22	1,268411E+22	1,268405E+22	1,484947E+22	1,822854E+22
1286	2,156753E+22	2,397149E+22	2,514458E+22	2,514426E+22	2,397074E+22	2,156675E+22	1,822825E+22	1,484966E+22	1,268443E+22	1,268446E+22	1,484972E+22	1,822836E+22
1287	2,156689E+22	2,397055E+22	2,514359E+22	2,514381E+22	2,397095E+22	2,156720E+22	1,822870E+22	1,485013E+22	1,268484E+22	1,268467E+22	1,484972E+22	1,822829E+22
1288	2,156691E+22	2,397095E+22	2,514441E+22	2,514464E+22	2,397162E+22	2,156747E+22	1,822854E+22	1,484988E+22	1,268488E+22	1,268511E+22	1,485045E+22	1,822911E+22
1289	2,156754E+22	2,397104E+22	2,514373E+22	2,514329E+22	2,397025E+22	2,156684E+22	1,822856E+22	1,485004E+22	1,268487E+22	1,268491E+22	1,485008E+22	1,822860E+22
1290	2,156690E+22	2,397039E+22	2,514358E+22	2,514395E+22	2,397113E+22	2,156750E+22	1,822900E+22	1,485033E+22	1,268498E+22	1,268477E+22	1,484982E+22	1,822855E+22
1291	2,156748E+22	2,397160E+22	2,514472E+22	2,514452E+22	2,397115E+22	2,156696E+22	1,822828E+22	1,484979E+22	1,268476E+22	1,268488E+22	1,485013E+22	1,822879E+22
1292	2,156740E+22	2,397113E+22	2,514385E+22	2,514335E+22	2,397038E+22	2,156688E+22	1,822846E+22	1,484990E+22	1,268467E+22	1,268457E+22	1,484958E+22	1,822802E+22
1293	2,156649E+22	2,397053E+22	2,514436E+22	2,514478E+22	2,397170E+22	2,156775E+22	1,822884E+22	1,484986E+22	1,268444E+22	1,268435E+22	1,484961E+22	1,822847E+22
1294	2,156734E+22	2,397129E+22	2,514454E+22	2,514463E+22	2,397128E+22	2,156698E+22	1,822809E+22	1,484930E+22	1,268405E+22	1,268417E+22	1,484959E+22	1,822838E+22
1295	2,156698E+22	2,397059E+22	2,514346E+22	2,514364E+22	2,397105E+22	2,156737E+22	1,822854E+22	1,484951E+22	1,268392E+22	1,268375E+22	1,484910E+22	1,822809E+22
1296	2,156695E+22	2,397099E+22	2,514440E+22	2,514459E+22	2,397174E+22	2,156773E+22	1,822848E+22	1,484923E+22	1,268370E+22	1,268376E+22	1,484938E+22	1,822867E+22
1297	2,156776E+22	2,397159E+22	2,514440E+22	2,514380E+22	2,397040E+22	2,156673E+22	1,822814E+22	1,484914E+22	1,268356E+22	1,268353E+22	1,484900E+22	1,822806E+22
1298	2,156697E+22	2,397079E+22	2,514399E+22	2,514425E+22	2,397117E+22	2,156718E+22	1,822838E+22	1,484936E+22	1,268371E+22	1,268348E+22	1,484881E+22	1,822790E+22
1299	2,156717E+22	2,397170E+22	2,514514E+22	2,514510E+22	2,397170E+22	2,156706E+22	1,822776E+22	1,484880E+22	1,268355E+22	1,268378E+22	1,484944E+22	1,822855E+22
1300	2,156742E+22	2,397132E+22	2,514424E+22	2,514376E+22	2,397066E+22	2,156692E+22	1,822802E+22	1,484901E+22	1,268364E+22	1,268374E+22	1,484918E+22	1,822804E+22
1301	2,156663E+22	2,397043E+22	2,514406E+22	2,514454E+22	2,397163E+22	2,156779E+22	1,822880E+22	1,484959E+22	1,268397E+22	1,268387E+22	1,484927E+22	1,822837E+22
1302	2,156751E+22	2,397151E+22	2,514457E+22	2,514458E+22	2,397130E+22	2,156705E+22	1,822820E+22	1,484945E+22	1,268421E+22	1,268430E+22	1,484965E+22	1,822846E+22
1303	2,156718E+22	2,397089E+22	2,514357E+22	2,514332E+22	2,397053E+22	2,156705E+22	1,822865E+22	1,485008E+22	1,268478E+22	1,268458E+22	1,484957E+22	1,822809E+22
1304	2,156659E+22	2,397054E+22	2,514408E+22	2,514431E+22	2,397136E+22	2,156756E+22	1,822887E+22	1,485027E+22	1,268517E+22	1,268517E+22	1,485026E+22	1,822879E+22
1305	2,156734E+22	2,397107E+22	2,514411E+22	2,514379E+22	2,397035E+22	2,156664E+22	1,822849E+22	1,485027E+22	1,268537E+22	1,268548E+22	1,485049E+22	1,822867E+22
1306	2,156668E+22	2,396998E+22	2,514300E+22	2,514336E+22	2,397066E+22	2,156715E+22	1,822896E+22	1,485073E+22	1,268571E+22	1,268559E+22	1,485042E+22	1,822860E+22
1307	2,156689E+22	2,397073E+22	2,514400E+22	2,514411E+22	2,397116E+22	2,156726E+22	1,822868E+22	1,485040E+22	1,268563E+22	1,268584E+22	1,485097E+22	1,822936E+22
1308	2,156763E+22	2,397101E+22	2,514358E+22	2,514299E+22	2,396989E+22	2,156666E+22	1,822866E+22	1,485053E+22	1,268570E+22	1,268573E+22	1,485056E+22	1,822866E+22
1309	2,156673E+22	2,397011E+22	2,514327E+22	2,514358E+22	2,397076E+22	2,156736E+22	1,822923E+22	1,485092E+22	1,268582E+22	1,268558E+22	1,485031E+22	1,822859E+22
1310	2,156722E+22	2,397124E+22	2,514439E+22	2,514436E+22	2,397105E+22	2,156690E+22	1,822844E+22	1,485030E+22	1,268552E+22	1,268562E+22	1,485058E+22	1,822879E+22
1311	2,156701E+22	2,397062E+22	2,514352E+22	2,514328E+22	2,397033E+22	2,156688E+22	1,822862E+22	1,485036E+22	1,268537E+22	1,268526E+22	1,485014E+22	1,822835E+22
1312	2,156639E+22	2,396992E+22	2,514351E+22	2,514413E+22	2,397135E+22	2,156768E+22	1,822901E+22	1,485031E+22	1,268514E+22	1,268512E+22	1,485022E+22	1,822881E+22
1313	2,156744E+22	2,397107E+22	2,514399E+22	2,514390E+22	2,397065E+22	2,156686E+22	1,822846E+22	1,484991E+22	1,268476E+22	1,268484E+22	1,485005E+22	1,822856E+22
1314	2,156694E+22	2,397040E+22	2,514311E+22	2,514313E+22	2,397049E+22	2,156708E+22	1,822870E+22	1,485010E+22	1,268474E+22	1,268450E+22	1,484952E+22	1,822811E+22
1315	2,156683E+22	2,397100E+22	2,514436E+22	2,514426E+22	2,397117E+22	2,156727E+22	1,822839E+22	1,484963E+22	1,268444E+22	1,268451E+22	1,484983E+22	1,822871E+22
1316	2,156758E+22	2,397145E+22	2,514439E+22	2,514380E+22	2,397021E+22	2,156645E+22	1,822801E+22	1,484945E+22	1,268433E+22	1,268441E+22	1,484958E+22	1,822814E+22
1317	2,156662E+22	2,397023E+22	2,514349E+22	2,514400E+22	2,397111E+22	2,156724E+22	1,822857E+22	1,484983E+22	1,268446E+22	1,268432E+22	1,484945E+22	1,822814E+22
1318	2,156701E+22	2,397119E+22	2,514455E+22	2,514478E+22	2,397164E+22	2,156724E+22	1,822813E+22	1,484938E+22	1,268429E+22	1,268449E+22	1,484992E+22	1,822869E+22
1319	2,156726E+22	2,397093E+22	2,514381E+22	2,514345E+22	2,397042E+22	2,156694E+22	1,822843E+22	1,484977E+22	1,268453E+22	1,268450E+22	1,484970E+22	1,822831E+22
1320	2,156660E+22	2,397004E+22	2,514336E+22	2,514384E+22	2,397111E+22	2,156762E+22	1,822909E+22	1,485036E+22	1,268504E+22	1,268489E+22	1,484991E+22	1,822854E+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	2,156739E+22	2,397131E+22	2,514425E+22	2,514401E+22	2,397062E+22	2,156682E+22	1,822856E+22	1,485024E+22	1,268528E+22	1,268537E+22	1,485036E+22	1,822857E+22
1322	2,156682E+22	2,397037E+22	2,514315E+22	2,514300E+22	2,397014E+22	2,156676E+22	1,822878E+22	1,485077E+22	1,268587E+22	1,268571E+22	1,485038E+22	1,822832E+22
1323	2,156637E+22	2,397018E+22	2,514363E+22	2,514387E+22	2,397098E+22	2,156729E+22	1,822884E+22	1,485070E+22	1,268602E+22	1,268616E+22	1,485105E+22	1,822922E+22
1324	2,156739E+22	2,397080E+22	2,514367E+22	2,514335E+22	2,397001E+22	2,156649E+22	1,822854E+22	1,485069E+22	1,268617E+22	1,268639E+22	1,485118E+22	1,822902E+22
1325	2,156672E+22	2,396968E+22	2,514241E+22	2,514277E+22	2,397025E+22	2,156709E+22	1,822926E+22	1,485134E+22	1,268652E+22	1,268635E+22	1,485094E+22	1,822885E+22
1326	2,156696E+22	2,397063E+22	2,514371E+22	2,514378E+22	2,397082E+22	2,156711E+22	1,822890E+22	1,485099E+22	1,268641E+22	1,268651E+22	1,485126E+22	1,822928E+22
1327	2,156736E+22	2,397080E+22	2,514354E+22	2,514296E+22	2,396965E+22	2,156648E+22	1,822884E+22	1,485112E+22	1,268649E+22	1,268643E+22	1,485098E+22	1,822870E+22
1328	2,156640E+22	2,396960E+22	2,514277E+22	2,514329E+22	2,397056E+22	2,156724E+22	1,822934E+22	1,485143E+22	1,268664E+22	1,268646E+22	1,485091E+22	1,822869E+22
1329	2,156690E+22	2,397077E+22	2,514390E+22	2,514391E+22	2,397074E+22	2,156696E+22	1,822879E+22	1,485083E+22	1,268625E+22	1,268640E+22	1,485115E+22	1,822895E+22
1330	2,156671E+22	2,397002E+22	2,514288E+22	2,514280E+22	2,397003E+22	2,156686E+22	1,822893E+22	1,485096E+22	1,268614E+22	1,268602E+22	1,485067E+22	1,822854E+22
1331	2,156637E+22	2,396975E+22	2,514301E+22	2,514348E+22	2,397078E+22	2,156739E+22	1,822910E+22	1,485078E+22	1,268584E+22	1,268579E+22	1,485068E+22	1,822904E+22
1332	2,156751E+22	2,397107E+22	2,514378E+22	2,514350E+22	2,397016E+22	2,156652E+22	1,822844E+22	1,485034E+22	1,268554E+22	1,268563E+22	1,485053E+22	1,822866E+22
1333	2,156680E+22	2,397019E+22	2,514285E+22	2,514281E+22	2,397009E+22	2,156682E+22	1,822879E+22	1,485058E+22	1,268550E+22	1,268529E+22	1,485007E+22	1,822825E+22
1334	2,156664E+22	2,397069E+22	2,514414E+22	2,514424E+22	2,397106E+22	2,156708E+22	1,822842E+22	1,485004E+22	1,268514E+22	1,268525E+22	1,485034E+22	1,822880E+22
1335	2,156727E+22	2,397102E+22	2,514412E+22	2,514381E+22	2,397025E+22	2,156651E+22	1,822819E+22	1,484989E+22	1,268500E+22	1,268512E+22	1,485019E+22	1,822850E+22
1336	2,156654E+22	2,396972E+22	2,514273E+22	2,514341E+22	2,397083E+22	2,156729E+22	1,822889E+22	1,485040E+22	1,268526E+22	1,268515E+22	1,485007E+22	1,822842E+22
1337	2,156700E+22	2,397095E+22	2,514403E+22	2,514408E+22	2,397109E+22	2,156724E+22	1,822865E+22	1,485016E+22	1,268520E+22	1,268532E+22	1,485041E+22	1,822879E+22
1338	2,156707E+22	2,397061E+22	2,514338E+22	2,514298E+22	2,396993E+22	2,156673E+22	1,822874E+22	1,485059E+22	1,268562E+22	1,268550E+22	1,485026E+22	1,822833E+22
1339	2,156638E+22	2,396986E+22	2,514304E+22	2,514335E+22	2,397051E+22	2,156719E+22	1,822912E+22	1,485096E+22	1,268605E+22	1,268593E+22	1,485062E+22	1,822872E+22
1340	2,156715E+22	2,397096E+22	2,514396E+22	2,514379E+22	2,397034E+22	2,156652E+22	1,822851E+22	1,485074E+22	1,268628E+22	1,268647E+22	1,485117E+22	1,822886E+22
1341	2,156656E+22	2,396980E+22	2,514253E+22	2,514254E+22	2,396987E+22	2,156670E+22	1,822897E+22	1,485129E+22	1,268672E+22	1,268666E+22	1,485116E+22	1,822873E+22
1342	2,156634E+22	2,396976E+22	2,514307E+22	2,514345E+22	2,397068E+22	2,156722E+22	1,822911E+22	1,485126E+22	1,268679E+22	1,268691E+22	1,485158E+22	1,822945E+22
1343	2,156736E+22	2,397060E+22	2,514336E+22	2,514308E+22	2,396977E+22	2,156643E+22	1,822883E+22	1,485132E+22	1,268696E+22	1,268709E+22	1,485166E+22	1,822926E+22
1344	2,156671E+22	2,396947E+22	2,514193E+22	2,514219E+22	2,396979E+22	2,156691E+22	1,822949E+22	1,485200E+22	1,268744E+22	1,268722E+22	1,485145E+22	1,822890E+22
1345	2,156676E+22	2,397045E+22	2,514353E+22	2,514340E+22	2,397034E+22	2,156698E+22	1,822927E+22	1,485169E+22	1,268733E+22	1,268737E+22	1,485177E+22	1,822925E+22
1346	2,156690E+22	2,397024E+22	2,514317E+22	2,514283E+22	2,396952E+22	2,156634E+22	1,822901E+22	1,485174E+22	1,268741E+22	1,268736E+22	1,485158E+22	1,822879E+22
1347	2,156610E+22	2,396917E+22	2,514221E+22	2,514280E+22	2,397026E+22	2,156708E+22	1,822940E+22	1,485182E+22	1,268736E+22	1,268727E+22	1,485157E+22	1,822902E+22
1348	2,156683E+22	2,397041E+22	2,514338E+22	2,514341E+22	2,397039E+22	2,156681E+22	1,822888E+22	1,485126E+22	1,268696E+22	1,268715E+22	1,485171E+22	1,822923E+22
1349	2,156669E+22	2,396972E+22	2,514230E+22	2,514214E+22	2,396953E+22	2,156667E+22	1,822915E+22	1,485149E+22	1,268684E+22	1,268670E+22	1,485115E+22	1,822877E+22
1350	2,156640E+22	2,396965E+22	2,514280E+22	2,514315E+22	2,397034E+22	2,156705E+22	1,822917E+22	1,485125E+22	1,268653E+22	1,268642E+22	1,485101E+22	1,822903E+22
1351	2,156732E+22	2,397094E+22	2,514379E+22	2,514352E+22	2,396997E+22	2,156628E+22	1,822847E+22	1,485076E+22	1,268621E+22	1,268630E+22	1,485102E+22	1,822882E+22
1352	2,156657E+22	2,396978E+22	2,514242E+22	2,514256E+22	2,396997E+22	2,156671E+22	1,822886E+22	1,485100E+22	1,268623E+22	1,268610E+22	1,485068E+22	1,822846E+22
1353	2,156643E+22	2,397031E+22	2,514373E+22	2,514385E+22	2,397085E+22	2,156722E+22	1,822883E+22	1,485057E+22	1,268584E+22	1,268597E+22	1,485087E+22	1,822898E+22
1354	2,156703E+22	2,397048E+22	2,514355E+22	2,514343E+22	2,397007E+22	2,156656E+22	1,822861E+22	1,485060E+22	1,268586E+22	1,268591E+22	1,485069E+22	1,822864E+22
1355	2,156650E+22	2,396957E+22	2,514222E+22	2,514275E+22	2,397032E+22	2,156710E+22	1,822913E+22	1,485105E+22	1,268615E+22	1,268599E+22	1,485062E+22	1,822861E+22
1356	2,156692E+22	2,397080E+22	2,514373E+22	2,514359E+22	2,397056E+22	2,156692E+22	1,822876E+22	1,485082E+22	1,268623E+22	1,268632E+22	1,485102E+22	1,822889E+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												
1357	2,156680E+22	2,397022E+22	2,514295E+22	2,514253E+22	2,396947E+22	2,156643E+22	1,822891E+22	1,485126E+22	1,268665E+22	1,268655E+22	1,485102E+22	1,822859E+22
1358	2,156616E+22	2,396940E+22	2,514265E+22	2,514313E+22	2,397024E+22	2,156688E+22	1,822914E+22	1,485147E+22	1,268694E+22	1,268687E+22	1,485131E+22	1,822899E+22
1359	2,156694E+22	2,397049E+22	2,514350E+22	2,514352E+22	2,397017E+22	2,156645E+22	1,822866E+22	1,485122E+22	1,268704E+22	1,268731E+22	1,485192E+22	1,822935E+22
1360	2,156659E+22	2,396940E+22	2,514182E+22	2,514185E+22	2,396944E+22	2,156662E+22	1,822925E+22	1,485189E+22	1,268755E+22	1,268751E+22	1,485180E+22	1,822906E+22
1361	2,156643E+22	2,396969E+22	2,514273E+22	2,514282E+22	2,397011E+22	2,156711E+22	1,822953E+22	1,485200E+22	1,268768E+22	1,268769E+22	1,485201E+22	1,822948E+22
1362	2,156714E+22	2,397036E+22	2,514313E+22	2,514282E+22	2,396944E+22	2,156624E+22	1,822910E+22	1,485208E+22	1,268798E+22	1,268800E+22	1,485209E+22	1,822915E+22
1363	2,156641E+22	2,396929E+22	2,514172E+22	2,514189E+22	2,396943E+22	2,156661E+22	1,822954E+22	1,485254E+22	1,268835E+22	1,268816E+22	1,485205E+22	1,822896E+22
1364	2,156636E+22	2,396996E+22	2,514319E+22	2,514322E+22	2,397022E+22	2,156683E+22	1,822929E+22	1,485218E+22	1,268821E+22	1,268830E+22	1,485242E+22	1,822942E+22
1365	2,156653E+22	2,396955E+22	2,514246E+22	2,514234E+22	2,396933E+22	2,156639E+22	1,822930E+22	1,485228E+22	1,268818E+22	1,268818E+22	1,485225E+22	1,822915E+22
1366	2,156603E+22	2,396867E+22	2,514160E+22	2,514230E+22	2,396990E+22	2,156695E+22	1,822963E+22	1,485235E+22	1,268803E+22	1,268790E+22	1,485202E+22	1,822926E+22
1367	2,156683E+22	2,397019E+22	2,514302E+22	2,514301E+22	2,397006E+22	2,156667E+22	1,822907E+22	1,485177E+22	1,268761E+22	1,268777E+22	1,485221E+22	1,822953E+22
1368	2,156674E+22	2,396958E+22	2,514193E+22	2,514157E+22	2,396901E+22	2,156641E+22	1,822926E+22	1,485198E+22	1,268760E+22	1,268746E+22	1,485166E+22	1,822892E+22
1369	2,156633E+22	2,396958E+22	2,514273E+22	2,514284E+22	2,396991E+22	2,156684E+22	1,822934E+22	1,485176E+22	1,268727E+22	1,268717E+22	1,485149E+22	1,822909E+22
1370	2,156701E+22	2,397051E+22	2,514354E+22	2,514348E+22	2,396998E+22	2,156619E+22	1,822857E+22	1,485124E+22	1,268698E+22	1,268710E+22	1,485154E+22	1,822895E+22
1371	2,156644E+22	2,396950E+22	2,514195E+22	2,514210E+22	2,396973E+22	2,156664E+22	1,822897E+22	1,485139E+22	1,268689E+22	1,268684E+22	1,485126E+22	1,822875E+22
1372	2,156639E+22	2,397000E+22	2,514328E+22	2,514340E+22	2,397055E+22	2,156713E+22	1,822906E+22	1,485116E+22	1,268664E+22	1,268670E+22	1,485134E+22	1,822914E+22
1373	2,156692E+22	2,397017E+22	2,514304E+22	2,514282E+22	2,396962E+22	2,156641E+22	1,822891E+22	1,485130E+22	1,268674E+22	1,268671E+22	1,485119E+22	1,822876E+22
1374	2,156633E+22	2,396928E+22	2,514195E+22	2,514236E+22	2,396981E+22	2,156674E+22	1,822926E+22	1,485169E+22	1,268707E+22	1,268684E+22	1,485110E+22	1,822862E+22
1375	2,156659E+22	2,397042E+22	2,514352E+22	2,514345E+22	2,397035E+22	2,156670E+22	1,822885E+22	1,485136E+22	1,268709E+22	1,268724E+22	1,485174E+22	1,822915E+22
1376	2,156651E+22	2,396965E+22	2,514234E+22	2,514203E+22	2,396919E+22	2,156627E+22	1,822900E+22	1,485180E+22	1,268756E+22	1,268757E+22	1,485182E+22	1,822895E+22
1377	2,156604E+22	2,396900E+22	2,514216E+22	2,514256E+22	2,396985E+22	2,156688E+22	1,822949E+22	1,485210E+22	1,268780E+22	1,268775E+22	1,485197E+22	1,822929E+22
1378	2,156684E+22	2,397006E+22	2,514299E+22	2,514310E+22	2,396991E+22	2,156639E+22	1,822900E+22	1,485197E+22	1,268799E+22	1,268819E+22	1,485244E+22	1,822952E+22
1379	2,156664E+22	2,396934E+22	2,514144E+22	2,514125E+22	2,396894E+22	2,156638E+22	1,822943E+22	1,485254E+22	1,268847E+22	1,268840E+22	1,485235E+22	1,822922E+22
1380	2,156633E+22	2,396954E+22	2,514257E+22	2,514251E+22	2,396971E+22	2,156684E+22	1,822966E+22	1,485268E+22	1,268869E+22	1,268863E+22	1,485255E+22	1,822950E+22
1381	2,156677E+22	2,396990E+22	2,514277E+22	2,514252E+22	2,396919E+22	2,156608E+22	1,822931E+22	1,485274E+22	1,268895E+22	1,268898E+22	1,485278E+22	1,822932E+22
1382	2,156605E+22	2,396868E+22	2,514130E+22	2,514168E+22	2,396929E+22	2,156649E+22	1,822963E+22	1,485303E+22	1,268916E+22	1,268902E+22	1,485268E+22	1,822921E+22
1383	2,156613E+22	2,396938E+22	2,514262E+22	2,514285E+22	2,397010E+22	2,156688E+22	1,822951E+22	1,485263E+22	1,268886E+22	1,268904E+22	1,485311E+22	1,822987E+22
1384	2,156656E+22	2,396912E+22	2,514169E+22	2,514154E+22	2,396883E+22	2,156627E+22	1,822956E+22	1,485285E+22	1,268893E+22	1,268892E+22	1,485282E+22	1,822950E+22
1385	2,156619E+22	2,396866E+22	2,514131E+22	2,514162E+22	2,396925E+22	2,156672E+22	1,822988E+22	1,485295E+22	1,268879E+22	1,268857E+22	1,485239E+22	1,822934E+22
1386	2,156674E+22	2,397004E+22	2,514288E+22	2,514275E+22	2,396970E+22	2,156637E+22	1,822918E+22	1,485234E+22	1,268844E+22	1,268852E+22	1,485256E+22	1,822948E+22
1387	2,156660E+22	2,396952E+22	2,514185E+22	2,514136E+22	2,396870E+22	2,156608E+22	1,822918E+22	1,485233E+22	1,268829E+22	1,268822E+22	1,485218E+22	1,822904E+22
1388	2,156609E+22	2,396927E+22	2,514255E+22	2,514275E+22	2,396983E+22	2,156669E+22	1,822932E+22	1,485213E+22	1,268796E+22	1,268788E+22	1,485198E+22	1,822921E+22
1389	2,156671E+22	2,396995E+22	2,514297E+22	2,514309E+22	2,396989E+22	2,156631E+22	1,822888E+22	1,485176E+22	1,268767E+22	1,268779E+22	1,485205E+22	1,822917E+22
1390	2,156631E+22	2,396906E+22	2,514152E+22	2,514173E+22	2,396946E+22	2,156656E+22	1,822922E+22	1,485196E+22	1,268762E+22	1,268748E+22	1,485164E+22	1,822886E+22
1391	2,156625E+22	2,396965E+22	2,514288E+22	2,514298E+22	2,397026E+22	2,156705E+22	1,822931E+22	1,485177E+22	1,268743E+22	1,268747E+22	1,485187E+22	1,822931E+22
1392	2,156674E+22	2,396981E+22	2,514256E+22	2,514220E+22	2,396907E+22	2,156617E+22	1,822913E+22	1,485200E+22	1,268773E+22	1,268769E+22	1,485185E+22	1,822895E+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	2,156614E+22	2,396899E+22	2,514170E+22	2,514190E+22	2,396931E+22	2,156647E+22	1,822943E+22	1,485233E+22	1,268804E+22	1,268783E+22	1,485179E+22	1,822882E+22
1394	2,156629E+22	2,396984E+22	2,514304E+22	2,514316E+22	2,397018E+22	2,156657E+22	1,822897E+22	1,485195E+22	1,268806E+22	1,268826E+22	1,485245E+22	1,822946E+22
1395	2,156652E+22	2,396936E+22	2,514178E+22	2,514143E+22	2,396879E+22	2,156611E+22	1,822910E+22	1,485225E+22	1,268836E+22	1,268848E+22	1,485255E+22	1,822937E+22
1396	2,156614E+22	2,396881E+22	2,514176E+22	2,514205E+22	2,396943E+22	2,156665E+22	1,822965E+22	1,485273E+22	1,268870E+22	1,268858E+22	1,485250E+22	1,822949E+22
1397	2,156679E+22	2,396982E+22	2,514259E+22	2,514258E+22	2,396951E+22	2,156625E+22	1,822929E+22	1,485271E+22	1,268897E+22	1,268907E+22	1,485296E+22	1,822962E+22
1398	2,156644E+22	2,396905E+22	2,514132E+22	2,514106E+22	2,396858E+22	2,156610E+22	1,822957E+22	1,485318E+22	1,268942E+22	1,268928E+22	1,485284E+22	1,822921E+22
1399	2,156594E+22	2,396904E+22	2,514230E+22	2,514244E+22	2,396966E+22	2,156677E+22	1,822983E+22	1,485324E+22	1,268954E+22	1,268955E+22	1,485325E+22	1,822969E+22
1400	2,156641E+22	2,396923E+22	2,514209E+22	2,514200E+22	2,396896E+22	2,156611E+22	1,822956E+22	1,485334E+22	1,268984E+22	1,268993E+22	1,485352E+22	1,822966E+22
1401	2,156592E+22	2,396821E+22	2,514071E+22	2,514099E+22	2,396885E+22	2,156653E+22	1,823003E+22	1,485367E+22	1,268997E+22	1,268982E+22	1,485327E+22	1,822949E+22
1402	2,156608E+22	2,396896E+22	2,514204E+22	2,514231E+22	2,396974E+22	2,156680E+22	1,822981E+22	1,485331E+22	1,268973E+22	1,268982E+22	1,485354E+22	1,823004E+22
1403	2,156672E+22	2,396915E+22	2,514134E+22	2,514087E+22	2,396819E+22	2,156591E+22	1,822959E+22	1,485333E+22	1,268970E+22	1,268969E+22	1,485331E+22	1,822968E+22
1404	2,156620E+22	2,396864E+22	2,514128E+22	2,514139E+22	2,396880E+22	2,156628E+22	1,822983E+22	1,485344E+22	1,268959E+22	1,268932E+22	1,485285E+22	1,822938E+22
1405	2,156649E+22	2,396972E+22	2,514269E+22	2,514262E+22	2,396952E+22	2,156616E+22	1,822920E+22	1,485278E+22	1,268917E+22	1,268929E+22	1,485310E+22	1,822961E+22
1406	2,156630E+22	2,396901E+22	2,514161E+22	2,514131E+22	2,396863E+22	2,156598E+22	1,822919E+22	1,485264E+22	1,268888E+22	1,268886E+22	1,485265E+22	1,822920E+22
1407	2,156589E+22	2,396877E+22	2,514209E+22	2,514249E+22	2,396982E+22	2,156686E+22	1,822959E+22	1,485251E+22	1,268848E+22	1,268848E+22	1,485250E+22	1,822945E+22
1408	2,156662E+22	2,396954E+22	2,514231E+22	2,514238E+22	2,396946E+22	2,156630E+22	1,822922E+22	1,485239E+22	1,268844E+22	1,268850E+22	1,485250E+22	1,822934E+22
1409	2,156628E+22	2,396890E+22	2,514119E+22	2,514108E+22	2,396887E+22	2,156642E+22	1,822953E+22	1,485267E+22	1,268852E+22	1,268827E+22	1,485206E+22	1,822887E+22
1410	2,156600E+22	2,396926E+22	2,514255E+22	2,514266E+22	2,396990E+22	2,156682E+22	1,822948E+22	1,485246E+22	1,268845E+22	1,268842E+22	1,485237E+22	1,822933E+22
1411	2,156656E+22	2,396951E+22	2,514217E+22	2,514178E+22	2,396866E+22	2,156584E+22	1,822909E+22	1,485246E+22	1,268863E+22	1,268870E+22	1,485261E+22	1,822926E+22
1412	2,156599E+22	2,396857E+22	2,514132E+22	2,514160E+22	2,396904E+22	2,156624E+22	1,822944E+22	1,485283E+22	1,268890E+22	1,268875E+22	1,485250E+22	1,822915E+22
1413	2,156618E+22	2,396936E+22	2,514243E+22	2,514262E+22	2,396987E+22	2,156654E+22	1,822926E+22	1,485257E+22	1,268890E+22	1,268912E+22	1,485312E+22	1,822980E+22
1414	2,156651E+22	2,396904E+22	2,514146E+22	2,514106E+22	2,396840E+22	2,156595E+22	1,822931E+22	1,485286E+22	1,268920E+22	1,268925E+22	1,485303E+22	1,822953E+22
1415	2,156610E+22	2,396863E+22	2,514150E+22	2,514171E+22	2,396917E+22	2,156661E+22	1,822991E+22	1,485335E+22	1,268955E+22	1,268944E+22	1,485307E+22	1,822959E+22
1416	2,156657E+22	2,396949E+22	2,514220E+22	2,514209E+22	2,396908E+22	2,156613E+22	1,822959E+22	1,485346E+22	1,269002E+22	1,269009E+22	1,485361E+22	1,822975E+22
1417	2,156617E+22	2,396866E+22	2,514102E+22	2,514072E+22	2,396826E+22	2,156601E+22	1,822982E+22	1,485388E+22	1,269044E+22	1,269029E+22	1,485352E+22	1,822938E+22
1418	2,156560E+22	2,396833E+22	2,514164E+22	2,514208E+22	2,396953E+22	2,156679E+22	1,823009E+22	1,485390E+22	1,269053E+22	1,269054E+22	1,485390E+22	1,822996E+22
1419	2,156640E+22	2,396886E+22	2,514141E+22	2,514127E+22	2,396846E+22	2,156596E+22	1,822975E+22	1,485386E+22	1,269064E+22	1,269081E+22	1,485422E+22	1,823007E+22
1420	2,156605E+22	2,396807E+22	2,514033E+22	2,514042E+22	2,396823E+22	2,156613E+22	1,823011E+22	1,485425E+22	1,269079E+22	1,269055E+22	1,485374E+22	1,822966E+22
1421	2,156605E+22	2,396881E+22	2,514171E+22	2,514178E+22	2,396918E+22	2,156650E+22	1,822994E+22	1,485388E+22	1,269055E+22	1,269059E+22	1,485399E+22	1,823010E+22
1422	2,156653E+22	2,396896E+22	2,514137E+22	2,514085E+22	2,396787E+22	2,156555E+22	1,822951E+22	1,485369E+22	1,269038E+22	1,269038E+22	1,485371E+22	1,822965E+22
1423	2,156590E+22	2,396829E+22	2,514112E+22	2,514145E+22	2,396885E+22	2,156624E+22	1,822983E+22	1,485370E+22	1,269015E+22	1,269002E+22	1,485340E+22	1,822950E+22
1424	2,156616E+22	2,396915E+22	2,514212E+22	2,514225E+22	2,396943E+22	2,156631E+22	1,822946E+22	1,485324E+22	1,268984E+22	1,269000E+22	1,485364E+22	1,822985E+22
1425	2,156617E+22	2,396861E+22	2,514112E+22	2,514083E+22	2,396837E+22	2,156614E+22	1,822959E+22	1,485323E+22	1,268957E+22	1,268950E+22	1,485306E+22	1,822934E+22
1426	2,156576E+22	2,396830E+22	2,514147E+22	2,514201E+22	2,396956E+22	2,156689E+22	1,822997E+22	1,485323E+22	1,268936E+22	1,268922E+22	1,485285E+22	1,822949E+22
1427	2,156662E+22	2,396940E+22	2,514187E+22	2,514172E+22	2,396884E+22	2,156604E+22	1,822938E+22	1,485297E+22	1,268931E+22	1,268937E+22	1,485308E+22	1,822950E+22
1428	2,156617E+22	2,396872E+22	2,514100E+22	2,514075E+22	2,396830E+22	2,156594E+22	1,822954E+22	1,485326E+22	1,268946E+22	1,268920E+22	1,485268E+22	1,822901E+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	2,156576E+22	2,396884E+22	2,514211E+22	2,514231E+22	2,396957E+22	2,156657E+22	1,822953E+22	1,485299E+22	1,268935E+22	1,268940E+22	1,485312E+22	1,822964E+22
1430	2,156639E+22	2,396904E+22	2,514180E+22	2,514154E+22	2,396842E+22	2,156566E+22	1,822908E+22	1,485282E+22	1,268935E+22	1,268953E+22	1,485328E+22	1,822962E+22
1431	2,156601E+22	2,396824E+22	2,514085E+22	2,514125E+22	2,396885E+22	2,156626E+22	1,822965E+22	1,485325E+22	1,268955E+22	1,268951E+22	1,485314E+22	1,822948E+22
1432	2,156622E+22	2,396912E+22	2,514192E+22	2,514198E+22	2,396937E+22	2,156646E+22	1,822961E+22	1,485329E+22	1,268981E+22	1,268995E+22	1,485364E+22	1,822997E+22
1433	2,156648E+22	2,396895E+22	2,514125E+22	2,514062E+22	2,396793E+22	2,156584E+22	1,822965E+22	1,485364E+22	1,269021E+22	1,269015E+22	1,485348E+22	1,822948E+22
1434	2,156576E+22	2,396822E+22	2,514121E+22	2,514155E+22	2,396898E+22	2,156653E+22	1,823020E+22	1,485413E+22	1,269066E+22	1,269047E+22	1,485360E+22	1,822955E+22
1435	2,156625E+22	2,396905E+22	2,514173E+22	2,514168E+22	2,396875E+22	2,156595E+22	1,822970E+22	1,485404E+22	1,269100E+22	1,269116E+22	1,485440E+22	1,823001E+22
1436	2,156591E+22	2,396812E+22	2,514048E+22	2,514032E+22	2,396792E+22	2,156584E+22	1,823001E+22	1,485452E+22	1,269137E+22	1,269124E+22	1,485424E+22	1,822970E+22
1437	2,156546E+22	2,396778E+22	2,514089E+22	2,514144E+22	2,396910E+22	2,156670E+22	1,823039E+22	1,485455E+22	1,269140E+22	1,269142E+22	1,485456E+22	1,823028E+22
1438	2,156636E+22	2,396853E+22	2,514099E+22	2,514080E+22	2,396794E+22	2,156564E+22	1,822983E+22	1,485437E+22	1,269141E+22	1,269155E+22	1,485471E+22	1,823026E+22
1439	2,156606E+22	2,396796E+22	2,514011E+22	2,514011E+22	2,396789E+22	2,156594E+22	1,823019E+22	1,485465E+22	1,269146E+22	1,269131E+22	1,485428E+22	1,822978E+22
1440	2,156589E+22	2,396859E+22	2,514147E+22	2,514143E+22	2,396875E+22	2,156626E+22	1,823006E+22	1,485439E+22	1,269134E+22	1,269140E+22	1,485455E+22	1,823024E+22
1441	2,156632E+22	2,396866E+22	2,514115E+22	2,514071E+22	2,396775E+22	2,156552E+22	1,822963E+22	1,485413E+22	1,269110E+22	1,269112E+22	1,485420E+22	1,822976E+22
1442	2,156563E+22	2,396775E+22	2,514060E+22	2,514124E+22	2,396889E+22	2,156641E+22	1,823010E+22	1,485418E+22	1,269085E+22	1,269071E+22	1,485381E+22	1,822964E+22
1443	2,156614E+22	2,396883E+22	2,514148E+22	2,514160E+22	2,396901E+22	2,156628E+22	1,822971E+22	1,485371E+22	1,269050E+22	1,269067E+22	1,485414E+22	1,823008E+22
1444	2,156620E+22	2,396845E+22	2,514074E+22	2,514034E+22	2,396781E+22	2,156582E+22	1,822980E+22	1,485389E+22	1,269038E+22	1,269018E+22	1,485345E+22	1,822942E+22
1445	2,156563E+22	2,396805E+22	2,514104E+22	2,514148E+22	2,396900E+22	2,156661E+22	1,823015E+22	1,485387E+22	1,269025E+22	1,269007E+22	1,485337E+22	1,822954E+22
1446	2,156630E+22	2,396906E+22	2,514174E+22	2,514158E+22	2,396842E+22	2,156564E+22	1,822933E+22	1,485340E+22	1,269010E+22	1,269022E+22	1,485366E+22	1,822962E+22
1447	2,156593E+22	2,396835E+22	2,514071E+22	2,514064E+22	2,396821E+22	2,156583E+22	1,822953E+22	1,485355E+22	1,269012E+22	1,269006E+22	1,485341E+22	1,822929E+22
1448	2,156556E+22	2,396837E+22	2,514153E+22	2,514180E+22	2,396924E+22	2,156656E+22	1,822978E+22	1,485352E+22	1,269014E+22	1,269025E+22	1,485380E+22	1,823001E+22
1449	2,156641E+22	2,396878E+22	2,514135E+22	2,514108E+22	2,396813E+22	2,156570E+22	1,822942E+22	1,485345E+22	1,269017E+22	1,269029E+22	1,485378E+22	1,822981E+22
1450	2,156596E+22	2,396796E+22	2,514039E+22	2,514085E+22	2,396860E+22	2,156627E+22	1,823003E+22	1,485402E+22	1,269054E+22	1,269035E+22	1,485354E+22	1,822952E+22
1451	2,156618E+22	2,396898E+22	2,514156E+22	2,514145E+22	2,396883E+22	2,156626E+22	1,822986E+22	1,485399E+22	1,269083E+22	1,269096E+22	1,485427E+22	1,823009E+22
1452	2,156625E+22	2,396867E+22	2,514108E+22	2,514044E+22	2,396748E+22	2,156544E+22	1,822979E+22	1,485439E+22	1,269129E+22	1,269119E+22	1,485416E+22	1,822959E+22
1453	2,156536E+22	2,396758E+22	2,514057E+22	2,514114E+22	2,396872E+22	2,156641E+22	1,823039E+22	1,485479E+22	1,269171E+22	1,269159E+22	1,485443E+22	1,822984E+22
1454	2,156589E+22	2,396840E+22	2,514117E+22	2,514129E+22	2,396845E+22	2,156584E+22	1,822983E+22	1,485450E+22	1,269181E+22	1,269208E+22	1,485514E+22	1,823040E+22
1455	2,156591E+22	2,396774E+22	2,513988E+22	2,513976E+22	2,396756E+22	2,156575E+22	1,823020E+22	1,485496E+22	1,269207E+22	1,269205E+22	1,485491E+22	1,823003E+22
1456	2,156551E+22	2,396758E+22	2,514034E+22	2,514067E+22	2,396843E+22	2,156645E+22	1,823064E+22	1,485523E+22	1,269228E+22	1,269222E+22	1,485508E+22	1,823050E+22
1457	2,156638E+22	2,396851E+22	2,514081E+22	2,514042E+22	2,396750E+22	2,156541E+22	1,822996E+22	1,485495E+22	1,269225E+22	1,269232E+22	1,485512E+22	1,823026E+22
1458	2,156581E+22	2,396768E+22	2,513992E+22	2,514006E+22	2,396780E+22	2,156584E+22	1,823033E+22	1,485519E+22	1,269228E+22	1,269209E+22	1,485469E+22	1,822979E+22
1459	2,156567E+22	2,396825E+22	2,514110E+22	2,514114E+22	2,396855E+22	2,156618E+22	1,823016E+22	1,485479E+22	1,269203E+22	1,269217E+22	1,485514E+22	1,823045E+22
1460	2,156612E+22	2,396825E+22	2,514076E+22	2,514046E+22	2,396753E+22	2,156543E+22	1,822988E+22	1,485467E+22	1,269178E+22	1,269177E+22	1,485467E+22	1,822993E+22
1461	2,156546E+22	2,396730E+22	2,513993E+22	2,514068E+22	2,396858E+22	2,156643E+22	1,823047E+22	1,485481E+22	1,269161E+22	1,269142E+22	1,485428E+22	1,822977E+22
1462	2,156594E+22	2,396853E+22	2,514114E+22	2,514117E+22	2,396857E+22	2,156605E+22	1,822986E+22	1,485422E+22	1,269122E+22	1,269135E+22	1,485455E+22	1,823017E+22
1463	2,156610E+22	2,396829E+22	2,514049E+22	2,514001E+22	2,396745E+22	2,156560E+22	1,822989E+22	1,485430E+22	1,269110E+22	1,269100E+22	1,485404E+22	1,822954E+22
1464	2,156541E+22	2,396776E+22	2,514070E+22	2,514106E+22	2,396851E+22	2,156629E+22	1,823026E+22	1,485444E+22	1,269112E+22	1,269098E+22	1,485405E+22	1,822981E+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	2,156613E+22	2,396871E+22	2,514135E+22	2,514129E+22	2,396825E+22	2,156553E+22	1,822940E+22	1,485385E+22	1,269088E+22	1,269106E+22	1,485431E+22	1,822991E+22
1466	2,156580E+22	2,396791E+22	2,514020E+22	2,514034E+22	2,396815E+22	2,156593E+22	1,822979E+22	1,485405E+22	1,269086E+22	1,269082E+22	1,485394E+22	1,822959E+22
1467	2,156569E+22	2,396820E+22	2,514102E+22	2,514116E+22	2,396873E+22	2,156639E+22	1,823000E+22	1,485406E+22	1,269090E+22	1,269102E+22	1,485436E+22	1,823028E+22
1468	2,156645E+22	2,396870E+22	2,514110E+22	2,514069E+22	2,396760E+22	2,156537E+22	1,822966E+22	1,485420E+22	1,269110E+22	1,269110E+22	1,485420E+22	1,822982E+22
1469	2,156574E+22	2,396770E+22	2,514004E+22	2,514047E+22	2,396821E+22	2,156608E+22	1,823028E+22	1,485476E+22	1,269159E+22	1,269135E+22	1,485412E+22	1,822949E+22
1470	2,156565E+22	2,396847E+22	2,514132E+22	2,514130E+22	2,396853E+22	2,156597E+22	1,822993E+22	1,485455E+22	1,269178E+22	1,269194E+22	1,485494E+22	1,823021E+22
1471	2,156588E+22	2,396809E+22	2,514056E+22	2,514018E+22	2,396741E+22	2,156543E+22	1,822995E+22	1,485486E+22	1,269213E+22	1,269221E+22	1,485500E+22	1,822990E+22
1472	2,156511E+22	2,396697E+22	2,513978E+22	2,514041E+22	2,396826E+22	2,156637E+22	1,823075E+22	1,485549E+22	1,269263E+22	1,269254E+22	1,485520E+22	1,823027E+22
1473	2,156590E+22	2,396803E+22	2,514051E+22	2,514062E+22	2,396803E+22	2,156576E+22	1,823014E+22	1,485519E+22	1,269271E+22	1,269291E+22	1,485570E+22	1,823065E+22
1474	2,156592E+22	2,396754E+22	2,513944E+22	2,513927E+22	2,396720E+22	2,156565E+22	1,823047E+22	1,485564E+22	1,269298E+22	1,269286E+22	1,485534E+22	1,823017E+22
1475	2,156556E+22	2,396755E+22	2,514010E+22	2,514016E+22	2,396780E+22	2,156607E+22	1,823073E+22	1,485578E+22	1,269315E+22	1,269311E+22	1,485567E+22	1,823065E+22
1476	2,156624E+22	2,396835E+22	2,514075E+22	2,514036E+22	2,396717E+22	2,156501E+22	1,823002E+22	1,485553E+22	1,269310E+22	1,269314E+22	1,485566E+22	1,823036E+22
1477	2,156550E+22	2,396721E+22	2,513948E+22	2,513982E+22	2,396772E+22	2,156581E+22	1,823048E+22	1,485568E+22	1,269307E+22	1,269293E+22	1,485531E+22	1,822997E+22
1478	2,156532E+22	2,396772E+22	2,514069E+22	2,514085E+22	2,396836E+22	2,156615E+22	1,823033E+22	1,485518E+22	1,269262E+22	1,269281E+22	1,485563E+22	1,823068E+22
1479	2,156607E+22	2,396795E+22	2,514030E+22	2,514003E+22	2,396729E+22	2,156541E+22	1,823012E+22	1,485510E+22	1,269238E+22	1,269242E+22	1,485514E+22	1,823007E+22
1480	2,156536E+22	2,396707E+22	2,513944E+22	2,513997E+22	2,396798E+22	2,156621E+22	1,823075E+22	1,485548E+22	1,269245E+22	1,269217E+22	1,485474E+22	1,822990E+22
1481	2,156580E+22	2,396832E+22	2,514087E+22	2,514082E+22	2,396824E+22	2,156582E+22	1,822996E+22	1,485478E+22	1,269205E+22	1,269214E+22	1,485501E+22	1,823019E+22
1482	2,156580E+22	2,396792E+22	2,514020E+22	2,513986E+22	2,396733E+22	2,156546E+22	1,822997E+22	1,485479E+22	1,269190E+22	1,269180E+22	1,485456E+22	1,822971E+22
1483	2,156527E+22	2,396738E+22	2,514024E+22	2,514063E+22	2,396819E+22	2,156609E+22	1,823031E+22	1,485483E+22	1,269185E+22	1,269182E+22	1,485476E+22	1,823020E+22
1484	2,156610E+22	2,396839E+22	2,514098E+22	2,514097E+22	2,396792E+22	2,156534E+22	1,822961E+22	1,485440E+22	1,269159E+22	1,269176E+22	1,485483E+22	1,823018E+22
1485	2,156575E+22	2,396758E+22	2,513963E+22	2,513979E+22	2,396781E+22	2,156586E+22	1,823010E+22	1,485470E+22	1,269170E+22	1,269161E+22	1,485445E+22	1,822972E+22
1486	2,156548E+22	2,396796E+22	2,514078E+22	2,514077E+22	2,396831E+22	2,156619E+22	1,823020E+22	1,485464E+22	1,269172E+22	1,269180E+22	1,485482E+22	1,823034E+22
1487	2,156627E+22	2,396850E+22	2,514089E+22	2,514044E+22	2,396733E+22	2,156520E+22	1,822982E+22	1,485474E+22	1,269199E+22	1,269206E+22	1,485484E+22	1,822988E+22
1488	2,156536E+22	2,396723E+22	2,513960E+22	2,514000E+22	2,396781E+22	2,156587E+22	1,823052E+22	1,485551E+22	1,269266E+22	1,269243E+22	1,485490E+22	1,822977E+22
1489	2,156536E+22	2,396786E+22	2,514069E+22	2,514090E+22	2,396843E+22	2,156597E+22	1,823012E+22	1,485516E+22	1,269274E+22	1,269294E+22	1,485567E+22	1,823053E+22
1490	2,156572E+22	2,396754E+22	2,513984E+22	2,513964E+22	2,396720E+22	2,156549E+22	1,823031E+22	1,485553E+22	1,269304E+22	1,269309E+22	1,485563E+22	1,823030E+22
1491	2,156527E+22	2,396675E+22	2,513918E+22	2,513957E+22	2,396753E+22	2,156604E+22	1,823097E+22	1,485615E+22	1,269353E+22	1,269343E+22	1,485585E+22	1,823063E+22
1492	2,156602E+22	2,396800E+22	2,514031E+22	2,514014E+22	2,396735E+22	2,156529E+22	1,823031E+22	1,485592E+22	1,269365E+22	1,269375E+22	1,485618E+22	1,823073E+22
1493	2,156575E+22	2,396736E+22	2,513926E+22	2,513898E+22	2,396682E+22	2,156538E+22	1,823060E+22	1,485625E+22	1,269393E+22	1,269379E+22	1,485590E+22	1,823017E+22
1494	2,156513E+22	2,396719E+22	2,514004E+22	2,514012E+22	2,396764E+22	2,156581E+22	1,823070E+22	1,485617E+22	1,269389E+22	1,269392E+22	1,485623E+22	1,823077E+22
1495	2,156595E+22	2,396789E+22	2,514039E+22	2,514024E+22	2,396727E+22	2,156511E+22	1,823015E+22	1,485586E+22	1,269374E+22	1,269392E+22	1,485626E+22	1,823054E+22
1496	2,156525E+22	2,396669E+22	2,513887E+22	2,513926E+22	2,396745E+22	2,156587E+22	1,823087E+22	1,485631E+22	1,269383E+22	1,269365E+22	1,485585E+22	1,823025E+22
1497	2,156524E+22	2,396729E+22	2,514006E+22	2,514031E+22	2,396813E+22	2,156616E+22	1,823065E+22	1,485582E+22	1,269340E+22	1,269348E+22	1,485601E+22	1,823078E+22
1498	2,156595E+22	2,396767E+22	2,513989E+22	2,513958E+22	2,396701E+22	2,156537E+22	1,823042E+22	1,485574E+22	1,269320E+22	1,269313E+22	1,485553E+22	1,823020E+22
1499	2,156533E+22	2,396691E+22	2,513917E+22	2,513940E+22	2,396731E+22	2,156576E+22	1,823078E+22	1,485599E+22	1,269326E+22	1,269302E+22	1,485536E+22	1,823012E+22
1500	2,156566E+22	2,396805E+22	2,514066E+22	2,514058E+22	2,396781E+22	2,156539E+22	1,822997E+22	1,485528E+22	1,269283E+22	1,269296E+22	1,485560E+22	1,823042E+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	2,156562E+22	2,396747E+22	2,513973E+22	2,513951E+22	2,396720E+22	2,156540E+22	1,823004E+22	1,485518E+22	1,269261E+22	1,269261E+22	1,485520E+22	1,822999E+22
1502	2,156511E+22	2,396703E+22	2,513990E+22	2,514023E+22	2,396787E+22	2,156592E+22	1,823037E+22	1,485517E+22	1,269240E+22	1,269243E+22	1,485524E+22	1,823048E+22
1503	2,156619E+22	2,396825E+22	2,514064E+22	2,514056E+22	2,396767E+22	2,156525E+22	1,822980E+22	1,485485E+22	1,269226E+22	1,269244E+22	1,485525E+22	1,823027E+22
1504	2,156565E+22	2,396741E+22	2,513934E+22	2,513924E+22	2,396730E+22	2,156565E+22	1,823040E+22	1,485545E+22	1,269265E+22	1,269244E+22	1,485492E+22	1,822977E+22
1505	2,156521E+22	2,396759E+22	2,514047E+22	2,514052E+22	2,396812E+22	2,156605E+22	1,823039E+22	1,485533E+22	1,269271E+22	1,269272E+22	1,485532E+22	1,823029E+22
1506	2,156582E+22	2,396795E+22	2,514050E+22	2,514024E+22	2,396731E+22	2,156524E+22	1,823009E+22	1,485542E+22	1,269297E+22	1,269302E+22	1,485549E+22	1,823010E+22
1507	2,156512E+22	2,396667E+22	2,513896E+22	2,513935E+22	2,396736E+22	2,156573E+22	1,823075E+22	1,485613E+22	1,269362E+22	1,269348E+22	1,485573E+22	1,823021E+22
1508	2,156532E+22	2,396741E+22	2,514010E+22	2,514030E+22	2,396791E+22	2,156575E+22	1,823045E+22	1,485592E+22	1,269368E+22	1,269385E+22	1,485633E+22	1,823087E+22
1509	2,156572E+22	2,396719E+22	2,513924E+22	2,513898E+22	2,396673E+22	2,156531E+22	1,823056E+22	1,485626E+22	1,269405E+22	1,269405E+22	1,485626E+22	1,823051E+22
1510	2,156515E+22	2,396660E+22	2,513901E+22	2,513913E+22	2,396698E+22	2,156565E+22	1,823101E+22	1,485669E+22	1,269441E+22	1,269430E+22	1,485642E+22	1,823080E+22
1511	2,156594E+22	2,396788E+22	2,514024E+22	2,513998E+22	2,396709E+22	2,156504E+22	1,823034E+22	1,485638E+22	1,269449E+22	1,269469E+22	1,485680E+22	1,823083E+22
1512	2,156545E+22	2,396695E+22	2,513897E+22	2,513870E+22	2,396658E+22	2,156523E+22	1,823076E+22	1,485685E+22	1,269484E+22	1,269473E+22	1,485659E+22	1,823043E+22
1513	2,156488E+22	2,396662E+22	2,513949E+22	2,513990E+22	2,396773E+22	2,156596E+22	1,823092E+22	1,485666E+22	1,269464E+22	1,269469E+22	1,485676E+22	1,823097E+22
1514	2,156579E+22	2,396742E+22	2,513979E+22	2,513978E+22	2,396718E+22	2,156531E+22	1,823055E+22	1,485645E+22	1,269445E+22	1,269455E+22	1,485668E+22	1,823079E+22
1515	2,156530E+22	2,396642E+22	2,513831E+22	2,513846E+22	2,396679E+22	2,156564E+22	1,823112E+22	1,485694E+22	1,269464E+22	1,269439E+22	1,485634E+22	1,823047E+22
1516	2,156525E+22	2,396713E+22	2,513980E+22	2,513983E+22	2,396750E+22	2,156575E+22	1,823081E+22	1,485646E+22	1,269423E+22	1,269421E+22	1,485640E+22	1,823079E+22
1517	2,156571E+22	2,396734E+22	2,513958E+22	2,513922E+22	2,396661E+22	2,156507E+22	1,823046E+22	1,485626E+22	1,269405E+22	1,269399E+22	1,485609E+22	1,823025E+22
1518	2,156496E+22	2,396654E+22	2,513901E+22	2,513922E+22	2,396703E+22	2,156544E+22	1,823065E+22	1,485626E+22	1,269388E+22	1,269376E+22	1,485595E+22	1,823038E+22
1519	2,156556E+22	2,396771E+22	2,514033E+22	2,514034E+22	2,396771E+22	2,156535E+22	1,823000E+22	1,485553E+22	1,269339E+22	1,269366E+22	1,485616E+22	1,823066E+22
1520	2,156553E+22	2,396711E+22	2,513926E+22	2,513899E+22	2,396685E+22	2,156537E+22	1,823035E+22	1,485575E+22	1,269333E+22	1,269329E+22	1,485568E+22	1,823024E+22
1521	2,156512E+22	2,396675E+22	2,513944E+22	2,513985E+22	2,396773E+22	2,156593E+22	1,823062E+22	1,485576E+22	1,269318E+22	1,269309E+22	1,485554E+22	1,823047E+22
1522	2,156603E+22	2,396804E+22	2,514036E+22	2,514022E+22	2,396748E+22	2,156530E+22	1,823014E+22	1,485555E+22	1,269315E+22	1,269320E+22	1,485565E+22	1,823032E+22
1523	2,156546E+22	2,396710E+22	2,513905E+22	2,513879E+22	2,396675E+22	2,156533E+22	1,823057E+22	1,485615E+22	1,269368E+22	1,269347E+22	1,485563E+22	1,822998E+22
1524	2,156494E+22	2,396706E+22	2,514007E+22	2,514023E+22	2,396776E+22	2,156578E+22	1,823058E+22	1,485604E+22	1,269373E+22	1,269375E+22	1,485606E+22	1,823054E+22
1525	2,156553E+22	2,396728E+22	2,513979E+22	2,513971E+22	2,396706E+22	2,156523E+22	1,823034E+22	1,485605E+22	1,269397E+22	1,269410E+22	1,485632E+22	1,823046E+22
1526	2,156498E+22	2,396627E+22	2,513847E+22	2,513871E+22	2,396681E+22	2,156547E+22	1,823087E+22	1,485665E+22	1,269442E+22	1,269434E+22	1,485642E+22	1,823062E+22
1527	2,156548E+22	2,396728E+22	2,513971E+22	2,513972E+22	2,396741E+22	2,156550E+22	1,823056E+22	1,485646E+22	1,269456E+22	1,269475E+22	1,485689E+22	1,823105E+22
1528	2,156569E+22	2,396707E+22	2,513901E+22	2,513849E+22	2,396617E+22	2,156500E+22	1,823074E+22	1,485695E+22	1,269504E+22	1,269500E+22	1,485684E+22	1,823065E+22
1529	2,156498E+22	2,396630E+22	2,513876E+22	2,513903E+22	2,396688E+22	2,156547E+22	1,823107E+22	1,485724E+22	1,269531E+22	1,269519E+22	1,485693E+22	1,823082E+22
1530	2,156559E+22	2,396742E+22	2,513991E+22	2,513988E+22	2,396721E+22	2,156521E+22	1,823061E+22	1,485695E+22	1,269531E+22	1,269549E+22	1,485737E+22	1,823106E+22
1531	2,156525E+22	2,396643E+22	2,513843E+22	2,513820E+22	2,396625E+22	2,156521E+22	1,823104E+22	1,485742E+22	1,269564E+22	1,269557E+22	1,485725E+22	1,823076E+22
1532	2,156480E+22	2,396613E+22	2,513890E+22	2,513934E+22	2,396727E+22	2,156586E+22	1,823132E+22	1,485738E+22	1,269546E+22	1,269542E+22	1,485721E+22	1,823110E+22
1533	2,156567E+22	2,396703E+22	2,513919E+22	2,513915E+22	2,396677E+22	2,156525E+22	1,823085E+22	1,485712E+22	1,269534E+22	1,269538E+22	1,485717E+22	1,823083E+22
1534	2,156510E+22	2,396625E+22	2,513812E+22	2,513796E+22	2,396614E+22	2,156522E+22	1,823111E+22	1,485738E+22	1,269538E+22	1,269515E+22	1,485683E+22	1,823060E+22
1535	2,156517E+22	2,396696E+22	2,513963E+22	2,513958E+22	2,396713E+22	2,156541E+22	1,823072E+22	1,485681E+22	1,269496E+22	1,269504E+22	1,485696E+22	1,823092E+22
1536	2,156549E+22	2,396696E+22	2,513925E+22	2,513895E+22	2,396634E+22	2,156485E+22	1,823047E+22	1,485667E+22	1,269479E+22	1,269480E+22	1,485673E+22	1,823057E+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	2,156488E+22	2,396608E+22	2,513849E+22	2,513901E+22	2,396705E+22	2,156546E+22	1,823072E+22	1,485658E+22	1,269446E+22	1,269439E+22	1,485641E+22	1,823059E+22
1538	2,156554E+22	2,396743E+22	2,513991E+22	2,513997E+22	2,396759E+22	2,156551E+22	1,823035E+22	1,485605E+22	1,269400E+22	1,269418E+22	1,485651E+22	1,823087E+22
1539	2,156559E+22	2,396697E+22	2,513893E+22	2,513841E+22	2,396625E+22	2,156514E+22	1,823058E+22	1,485638E+22	1,269414E+22	1,269403E+22	1,485612E+22	1,823035E+22
1540	2,156503E+22	2,396656E+22	2,513925E+22	2,513952E+22	2,396723E+22	2,156568E+22	1,823089E+22	1,485649E+22	1,269412E+22	1,269393E+22	1,485595E+22	1,823036E+22
1541	2,156562E+22	2,396756E+22	2,514001E+22	2,513997E+22	2,396726E+22	2,156520E+22	1,823033E+22	1,485621E+22	1,269418E+22	1,269425E+22	1,485631E+22	1,823033E+22
1542	2,156497E+22	2,396655E+22	2,513868E+22	2,513848E+22	2,396645E+22	2,156512E+22	1,823061E+22	1,485663E+22	1,269454E+22	1,269445E+22	1,485641E+22	1,823034E+22
1543	2,156483E+22	2,396656E+22	2,513946E+22	2,513975E+22	2,396749E+22	2,156574E+22	1,823074E+22	1,485653E+22	1,269458E+22	1,269472E+22	1,485680E+22	1,823091E+22
1544	2,156549E+22	2,396684E+22	2,513912E+22	2,513899E+22	2,396653E+22	2,156509E+22	1,823066E+22	1,485679E+22	1,269493E+22	1,269505E+22	1,485703E+22	1,823086E+22
1545	2,156508E+22	2,396600E+22	2,513796E+22	2,513825E+22	2,396649E+22	2,156531E+22	1,823103E+22	1,485728E+22	1,269534E+22	1,269519E+22	1,485693E+22	1,823077E+22
1546	2,156545E+22	2,396719E+22	2,513951E+22	2,513938E+22	2,396706E+22	2,156540E+22	1,823082E+22	1,485713E+22	1,269547E+22	1,269558E+22	1,485742E+22	1,823120E+22
1547	2,156554E+22	2,396681E+22	2,513880E+22	2,513815E+22	2,396567E+22	2,156467E+22	1,823085E+22	1,485759E+22	1,269603E+22	1,269601E+22	1,485754E+22	1,823088E+22
1548	2,156478E+22	2,396586E+22	2,513841E+22	2,513882E+22	2,396668E+22	2,156538E+22	1,823128E+22	1,485785E+22	1,269621E+22	1,269610E+22	1,485754E+22	1,823096E+22
1549	2,156529E+22	2,396680E+22	2,513924E+22	2,513941E+22	2,396705E+22	2,156534E+22	1,823094E+22	1,485755E+22	1,269619E+22	1,269638E+22	1,485799E+22	1,823123E+22
1550	2,156505E+22	2,396606E+22	2,513794E+22	2,513761E+22	2,396572E+22	2,156503E+22	1,823125E+22	1,485796E+22	1,269637E+22	1,269629E+22	1,485776E+22	1,823102E+22
1551	2,156486E+22	2,396596E+22	2,513848E+22	2,513880E+22	2,396674E+22	2,156561E+22	1,823143E+22	1,485790E+22	1,269628E+22	1,269620E+22	1,485764E+22	1,823112E+22
1552	2,156547E+22	2,396678E+22	2,513889E+22	2,513868E+22	2,396619E+22	2,156491E+22	1,823098E+22	1,485772E+22	1,269623E+22	1,269624E+22	1,485771E+22	1,823093E+22
1553	2,156487E+22	2,396588E+22	2,513782E+22	2,513788E+22	2,396603E+22	2,156498E+22	1,823104E+22	1,485774E+22	1,269608E+22	1,269590E+22	1,485732E+22	1,823067E+22
1554	2,156491E+22	2,396660E+22	2,513929E+22	2,513942E+22	2,396711E+22	2,156550E+22	1,823087E+22	1,485718E+22	1,269557E+22	1,269567E+22	1,485749E+22	1,823121E+22
1555	2,156542E+22	2,396658E+22	2,513879E+22	2,513851E+22	2,396599E+22	2,156477E+22	1,823067E+22	1,485712E+22	1,269544E+22	1,269549E+22	1,485729E+22	1,823090E+22
1556	2,156495E+22	2,396582E+22	2,513806E+22	2,513860E+22	2,396668E+22	2,156539E+22	1,823106E+22	1,485717E+22	1,269517E+22	1,269501E+22	1,485675E+22	1,823065E+22
1557	2,156542E+22	2,396716E+22	2,513948E+22	2,513952E+22	2,396729E+22	2,156553E+22	1,823068E+22	1,485671E+22	1,269487E+22	1,269498E+22	1,485693E+22	1,823081E+22
1558	2,156532E+22	2,396681E+22	2,513880E+22	2,513808E+22	2,396573E+22	2,156483E+22	1,823068E+22	1,485690E+22	1,269496E+22	1,269486E+22	1,485667E+22	1,823046E+22
1559	2,156482E+22	2,396623E+22	2,513893E+22	2,513928E+22	2,396694E+22	2,156545E+22	1,823093E+22	1,485700E+22	1,269505E+22	1,269493E+22	1,485663E+22	1,823049E+22
1560	2,156527E+22	2,396698E+22	2,513945E+22	2,513956E+22	2,396699E+22	2,156511E+22	1,823050E+22	1,485680E+22	1,269513E+22	1,269528E+22	1,485714E+22	1,823075E+22
1561	2,156490E+22	2,396598E+22	2,513795E+22	2,513804E+22	2,396625E+22	2,156507E+22	1,823076E+22	1,485711E+22	1,269533E+22	1,269529E+22	1,485705E+22	1,823068E+22
1562	2,156490E+22	2,396633E+22	2,513890E+22	2,513914E+22	2,396708E+22	2,156573E+22	1,823109E+22	1,485719E+22	1,269539E+22	1,269545E+22	1,485735E+22	1,823126E+22
1563	2,156562E+22	2,396675E+22	2,513878E+22	2,513836E+22	2,396579E+22	2,156468E+22	1,823081E+22	1,485746E+22	1,269590E+22	1,269595E+22	1,485761E+22	1,823106E+22
1564	2,156506E+22	2,396589E+22	2,513780E+22	2,513793E+22	2,396594E+22	2,156498E+22	1,823122E+22	1,485794E+22	1,269632E+22	1,269612E+22	1,485743E+22	1,823072E+22
1565	2,156507E+22	2,396676E+22	2,513921E+22	2,513921E+22	2,396690E+22	2,156535E+22	1,823103E+22	1,485777E+22	1,269648E+22	1,269662E+22	1,485808E+22	1,823120E+22
1566	2,156509E+22	2,396635E+22	2,513847E+22	2,513791E+22	2,396544E+22	2,156456E+22	1,823097E+22	1,485806E+22	1,269685E+22	1,269691E+22	1,485823E+22	1,823114E+22
1567	2,156462E+22	2,396538E+22	2,513782E+22	2,513840E+22	2,396646E+22	2,156540E+22	1,823153E+22	1,485842E+22	1,269707E+22	1,269698E+22	1,485812E+22	1,823112E+22
1568	2,156509E+22	2,396632E+22	2,513859E+22	2,513878E+22	2,396661E+22	2,156528E+22	1,823131E+22	1,485829E+22	1,269712E+22	1,269724E+22	1,485857E+22	1,823147E+22
1569	2,156499E+22	2,396568E+22	2,513738E+22	2,513719E+22	2,396540E+22	2,156484E+22	1,823141E+22	1,485854E+22	1,269721E+22	1,269707E+22	1,485821E+22	1,823109E+22
1570	2,156472E+22	2,396578E+22	2,513820E+22	2,513842E+22	2,396634E+22	2,156545E+22	1,823164E+22	1,485848E+22	1,269706E+22	1,269695E+22	1,485819E+22	1,823133E+22
1571	2,156530E+22	2,396647E+22	2,513860E+22	2,513835E+22	2,396570E+22	2,156451E+22	1,823097E+22	1,485820E+22	1,269704E+22	1,269713E+22	1,485842E+22	1,823126E+22
1572	2,156478E+22	2,396554E+22	2,513745E+22	2,513763E+22	2,396580E+22	2,156488E+22	1,823115E+22	1,485811E+22	1,269675E+22	1,269665E+22	1,485789E+22	1,823090E+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	2,156480E+22	2,396621E+22	2,513877E+22	2,513900E+22	2,396694E+22	2,156559E+22	1,823114E+22	1,485763E+22	1,269622E+22	1,269637E+22	1,485799E+22	1,823137E+22
1574	2,156537E+22	2,396645E+22	2,513847E+22	2,513806E+22	2,396552E+22	2,156457E+22	1,823082E+22	1,485755E+22	1,269603E+22	1,269606E+22	1,485767E+22	1,823108E+22
1575	2,156501E+22	2,396580E+22	2,513783E+22	2,513825E+22	2,396629E+22	2,156519E+22	1,823117E+22	1,485770E+22	1,269596E+22	1,269572E+22	1,485709E+22	1,823056E+22
1576	2,156510E+22	2,396686E+22	2,513921E+22	2,513920E+22	2,396688E+22	2,156531E+22	1,823089E+22	1,485735E+22	1,269579E+22	1,269586E+22	1,485747E+22	1,823086E+22
1577	2,156496E+22	2,396627E+22	2,513838E+22	2,513802E+22	2,396571E+22	2,156471E+22	1,823076E+22	1,485739E+22	1,269578E+22	1,269573E+22	1,485727E+22	1,823059E+22
1578	2,156454E+22	2,396576E+22	2,513840E+22	2,513891E+22	2,396679E+22	2,156553E+22	1,823121E+22	1,485753E+22	1,269580E+22	1,269573E+22	1,485732E+22	1,823088E+22
1579	2,156515E+22	2,396648E+22	2,513876E+22	2,513888E+22	2,396642E+22	2,156492E+22	1,823077E+22	1,485744E+22	1,269601E+22	1,269619E+22	1,485786E+22	1,823118E+22
1580	2,156500E+22	2,396576E+22	2,513743E+22	2,513745E+22	2,396572E+22	2,156490E+22	1,823106E+22	1,485777E+22	1,269622E+22	1,269613E+22	1,485756E+22	1,823083E+22
1581	2,156484E+22	2,396615E+22	2,513852E+22	2,513860E+22	2,396659E+22	2,156555E+22	1,823134E+22	1,485789E+22	1,269640E+22	1,269642E+22	1,485790E+22	1,823126E+22
1582	2,156540E+22	2,396667E+22	2,513868E+22	2,513808E+22	2,396525E+22	2,156427E+22	1,823085E+22	1,485802E+22	1,269681E+22	1,269689E+22	1,485825E+22	1,823123E+22
1583	2,156487E+22	2,396561E+22	2,513758E+22	2,513782E+22	2,396576E+22	2,156475E+22	1,823123E+22	1,485849E+22	1,269729E+22	1,269714E+22	1,485810E+22	1,823083E+22
1584	2,156466E+22	2,396613E+22	2,513866E+22	2,513888E+22	2,396674E+22	2,156538E+22	1,823131E+22	1,485840E+22	1,269743E+22	1,269763E+22	1,485884E+22	1,823154E+22
1585	2,156491E+22	2,396572E+22	2,513774E+22	2,513755E+22	2,396534E+22	2,156462E+22	1,823127E+22	1,485863E+22	1,269763E+22	1,269771E+22	1,485879E+22	1,823138E+22
1586	2,156458E+22	2,396510E+22	2,513722E+22	2,513775E+22	2,396606E+22	2,156542E+22	1,823195E+22	1,485912E+22	1,269788E+22	1,269769E+22	1,485864E+22	1,823138E+22
1587	2,156502E+22	2,396607E+22	2,513814E+22	2,513813E+22	2,396590E+22	2,156489E+22	1,823149E+22	1,485898E+22	1,269808E+22	1,269815E+22	1,485915E+22	1,823166E+22
1588	2,156490E+22	2,396549E+22	2,513714E+22	2,513683E+22	2,396490E+22	2,156452E+22	1,823152E+22	1,485908E+22	1,269807E+22	1,269793E+22	1,485874E+22	1,823114E+22
1589	2,156441E+22	2,396539E+22	2,513786E+22	2,513817E+22	2,396614E+22	2,156530E+22	1,823175E+22	1,485896E+22	1,269787E+22	1,269783E+22	1,485881E+22	1,823146E+22
1590	2,156506E+22	2,396617E+22	2,513829E+22	2,513805E+22	2,396544E+22	2,156434E+22	1,823099E+22	1,485849E+22	1,269761E+22	1,269781E+22	1,485901E+22	1,823162E+22
1591	2,156483E+22	2,396531E+22	2,513705E+22	2,513727E+22	2,396558E+22	2,156482E+22	1,823129E+22	1,485853E+22	1,269738E+22	1,269727E+22	1,485830E+22	1,823104E+22
1592	2,156470E+22	2,396595E+22	2,513835E+22	2,513855E+22	2,396662E+22	2,156555E+22	1,823146E+22	1,485824E+22	1,269697E+22	1,269704E+22	1,485839E+22	1,823149E+22
1593	2,156528E+22	2,396620E+22	2,513815E+22	2,513784E+22	2,396533E+22	2,156443E+22	1,823098E+22	1,485805E+22	1,269674E+22	1,269671E+22	1,485799E+22	1,823102E+22
1594	2,156477E+22	2,396561E+22	2,513761E+22	2,513795E+22	2,396601E+22	2,156509E+22	1,823143E+22	1,485830E+22	1,269673E+22	1,269646E+22	1,485762E+22	1,823068E+22
1595	2,156473E+22	2,396634E+22	2,513879E+22	2,513888E+22	2,396653E+22	2,156501E+22	1,823096E+22	1,485792E+22	1,269669E+22	1,269681E+22	1,485820E+22	1,823117E+22
1596	2,156478E+22	2,396576E+22	2,513778E+22	2,513755E+22	2,396542E+22	2,156464E+22	1,823096E+22	1,485788E+22	1,269659E+22	1,269661E+22	1,485794E+22	1,823088E+22
1597	2,156441E+22	2,396531E+22	2,513774E+22	2,513825E+22	2,396639E+22	2,156549E+22	1,823154E+22	1,485816E+22	1,269665E+22	1,269660E+22	1,485795E+22	1,823113E+22
1598	2,156517E+22	2,396640E+22	2,513839E+22	2,513824E+22	2,396574E+22	2,156453E+22	1,823087E+22	1,485798E+22	1,269680E+22	1,269697E+22	1,485842E+22	1,823146E+22
1599	2,156509E+22	2,396577E+22	2,513727E+22	2,513707E+22	2,396523E+22	2,156452E+22	1,823108E+22	1,485835E+22	1,269717E+22	1,269702E+22	1,485804E+22	1,823081E+22
1600	2,156454E+22	2,396586E+22	2,513832E+22	2,513839E+22	2,396628E+22	2,156530E+22	1,823149E+22	1,485854E+22	1,269740E+22	1,269743E+22	1,485856E+22	1,823137E+22
1601	2,156503E+22	2,396607E+22	2,513827E+22	2,513809E+22	2,396536E+22	2,156423E+22	1,823096E+22	1,485853E+22	1,269767E+22	1,269781E+22	1,485887E+22	1,823137E+22
1602	2,156455E+22	2,396511E+22	2,513704E+22	2,513747E+22	2,396571E+22	2,156497E+22	1,823167E+22	1,485914E+22	1,269810E+22	1,269798E+22	1,485881E+22	1,823119E+22
1603	2,156443E+22	2,396551E+22	2,513793E+22	2,513822E+22	2,396628E+22	2,156529E+22	1,823171E+22	1,485919E+22	1,269841E+22	1,269856E+22	1,485953E+22	1,823190E+22
1604	2,156492E+22	2,396539E+22	2,513713E+22	2,513685E+22	2,396484E+22	2,156454E+22	1,823167E+22	1,485939E+22	1,269861E+22	1,269860E+22	1,485934E+22	1,823152E+22
1605	2,156445E+22	2,396486E+22	2,513678E+22	2,513710E+22	2,396551E+22	2,156522E+22	1,823224E+22	1,485985E+22	1,269889E+22	1,269867E+22	1,485923E+22	1,823144E+22
1606	2,156483E+22	2,396593E+22	2,513794E+22	2,513770E+22	2,396530E+22	2,156440E+22	1,823145E+22	1,485946E+22	1,269890E+22	1,269904E+22	1,485982E+22	1,823195E+22
1607	2,156484E+22	2,396528E+22	2,513694E+22	2,513667E+22	2,396469E+22	2,156420E+22	1,823138E+22	1,485945E+22	1,269886E+22	1,269877E+22	1,485934E+22	1,823135E+22
1608	2,156423E+22	2,396496E+22	2,513742E+22	2,513784E+22	2,396595E+22	2,156523E+22	1,823187E+22	1,485937E+22	1,269855E+22	1,269858E+22	1,485942E+22	1,823181E+22

1 Longitude ☉	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°
1609	2,156505E+22	2,396576E+22	2,513779E+22	2,513782E+22	2,396538E+22	2,156434E+22	1,823119E+22	1,485889E+22	1,269814E+22	1,269831E+22	1,485934E+22	1,823176E+22
1610	2,156485E+22	2,396526E+22	2,513680E+22	2,513686E+22	2,396530E+22	2,156481E+22	1,823162E+22	1,485909E+22	1,269797E+22	1,269776E+22	1,485860E+22	1,823111E+22
1611	2,156448E+22	2,396566E+22	2,513806E+22	2,513810E+22	2,396609E+22	2,156524E+22	1,823164E+22	1,485888E+22	1,269782E+22	1,269780E+22	1,485880E+22	1,823148E+22
1612	2,156499E+22	2,396588E+22	2,513789E+22	2,513756E+22	2,396507E+22	2,156430E+22	1,823117E+22	1,485861E+22	1,269757E+22	1,269754E+22	1,485847E+22	1,823098E+22
1613	2,156432E+22	2,396506E+22	2,513714E+22	2,513758E+22	2,396584E+22	2,156506E+22	1,823163E+22	1,485886E+22	1,269761E+22	1,269739E+22	1,485826E+22	1,823083E+22
1614	2,156446E+22	2,396587E+22	2,513823E+22	2,513834E+22	2,396614E+22	2,156483E+22	1,823107E+22	1,485836E+22	1,269742E+22	1,269762E+22	1,485890E+22	1,823162E+22
1615	2,156487E+22	2,396548E+22	2,513728E+22	2,513704E+22	2,396504E+22	2,156441E+22	1,823106E+22	1,485843E+22	1,269741E+22	1,269740E+22	1,485848E+22	1,823114E+22
1616	2,156438E+22	2,396505E+22	2,513729E+22	2,513769E+22	2,396590E+22	2,156524E+22	1,823175E+22	1,485881E+22	1,269756E+22	1,269747E+22	1,485854E+22	1,823137E+22
1617	2,156512E+22	2,396615E+22	2,513813E+22	2,513801E+22	2,396546E+22	2,156430E+22	1,823099E+22	1,485851E+22	1,269763E+22	1,269779E+22	1,485891E+22	1,823153E+22
1618	2,156491E+22	2,396562E+22	2,513716E+22	2,513687E+22	2,396500E+22	2,156441E+22	1,823132E+22	1,485897E+22	1,269802E+22	1,269790E+22	1,485870E+22	1,823101E+22
1619	2,156417E+22	2,396530E+22	2,513788E+22	2,513809E+22	2,396605E+22	2,156514E+22	1,823167E+22	1,485920E+22	1,269841E+22	1,269847E+22	1,485932E+22	1,823170E+22
1620	2,156487E+22	2,396555E+22	2,513764E+22	2,513758E+22	2,396521E+22	2,156438E+22	1,823134E+22	1,485917E+22	1,269859E+22	1,269875E+22	1,485954E+22	1,823162E+22
1621	2,156440E+22	2,396462E+22	2,513635E+22	2,513674E+22	2,396531E+22	2,156502E+22	1,823215E+22	1,485995E+22	1,269910E+22	1,269892E+22	1,485942E+22	1,823140E+22
1622	2,156440E+22	2,396531E+22	2,513745E+22	2,513749E+22	2,396557E+22	2,156490E+22	1,823189E+22	1,485986E+22	1,269933E+22	1,269943E+22	1,486011E+22	1,823216E+22
1623	2,156495E+22	2,396529E+22	2,513690E+22	2,513640E+22	2,396427E+22	2,156407E+22	1,823166E+22	1,486002E+22	1,269961E+22	1,269953E+22	1,485988E+22	1,823157E+22
1624	2,156417E+22	2,396452E+22	2,513655E+22	2,513683E+22	2,396512E+22	2,156487E+22	1,823227E+22	1,486040E+22	1,269980E+22	1,269964E+22	1,485992E+22	1,823166E+22
1625	2,156458E+22	2,396543E+22	2,513761E+22	2,513764E+22	2,396527E+22	2,156426E+22	1,823143E+22	1,485978E+22	1,269955E+22	1,269977E+22	1,486036E+22	1,823215E+22
1626	2,156470E+22	2,396496E+22	2,513660E+22	2,513637E+22	2,396460E+22	2,156432E+22	1,823166E+22	1,485988E+22	1,269940E+22	1,269937E+22	1,485986E+22	1,823164E+22
1627	2,156411E+22	2,396455E+22	2,513693E+22	2,513738E+22	2,396563E+22	2,156514E+22	1,823213E+22	1,485996E+22	1,269927E+22	1,269923E+22	1,485984E+22	1,823199E+22
1628	2,156505E+22	2,396555E+22	2,513738E+22	2,513731E+22	2,396510E+22	2,156436E+22	1,823149E+22	1,485948E+22	1,269889E+22	1,269896E+22	1,485963E+22	1,823169E+22
1629	2,156459E+22	2,396499E+22	2,513653E+22	2,513642E+22	2,396493E+22	2,156473E+22	1,823194E+22	1,485977E+22	1,269886E+22	1,269858E+22	1,485903E+22	1,823104E+22
1630	2,156415E+22	2,396532E+22	2,513779E+22	2,513776E+22	2,396564E+22	2,156486E+22	1,823165E+22	1,485936E+22	1,269862E+22	1,269864E+22	1,485943E+22	1,823170E+22
1631	2,156478E+22	2,396545E+22	2,513751E+22	2,513729E+22	2,396486E+22	2,156407E+22	1,823111E+22	1,485905E+22	1,269841E+22	1,269842E+22	1,485913E+22	1,823124E+22
1632	2,156411E+22	2,396452E+22	2,513653E+22	2,513704E+22	2,396552E+22	2,156497E+22	1,823180E+22	1,485933E+22	1,269836E+22	1,269824E+22	1,485898E+22	1,823128E+22
1633	2,156453E+22	2,396546E+22	2,513767E+22	2,513785E+22	2,396580E+22	2,156467E+22	1,823122E+22	1,485881E+22	1,269806E+22	1,269826E+22	1,485935E+22	1,823188E+22
1634	2,156501E+22	2,396549E+22	2,513707E+22	2,513656E+22	2,396461E+22	2,156425E+22	1,823129E+22	1,485900E+22	1,269812E+22	1,269807E+22	1,485895E+22	1,823130E+22
1635	2,156426E+22	2,396484E+22	2,513710E+22	2,513734E+22	2,396540E+22	2,156487E+22	1,823184E+22	1,485946E+22	1,269851E+22	1,269837E+22	1,485907E+22	1,823147E+22
1636	2,156491E+22	2,396584E+22	2,513789E+22	2,513778E+22	2,396534E+22	2,156426E+22	1,823119E+22	1,485912E+22	1,269856E+22	1,269872E+22	1,485948E+22	1,823155E+22
1637	2,156449E+22	2,396507E+22	2,513675E+22	2,513656E+22	2,396491E+22	2,156452E+22	1,823167E+22	1,485968E+22	1,269902E+22	1,269891E+22	1,485938E+22	1,823118E+22
1638	2,156390E+22	2,396475E+22	2,513725E+22	2,513751E+22	2,396567E+22	2,156506E+22	1,823196E+22	1,485986E+22	1,269933E+22	1,269941E+22	1,486003E+22	1,823207E+22
1639	2,156486E+22	2,396520E+22	2,513710E+22	2,513701E+22	2,396480E+22	2,156421E+22	1,823159E+22	1,485994E+22	1,269963E+22	1,269969E+22	1,486013E+22	1,823182E+22
1640	2,156429E+22	2,396429E+22	2,513584E+22	2,513605E+22	2,396471E+22	2,156476E+22	1,823239E+22	1,486070E+22	1,270015E+22	1,269992E+22	1,486009E+22	1,823164E+22
1641	2,156429E+22	2,396494E+22	2,513710E+22	2,513714E+22	2,396513E+22	2,156457E+22	1,823196E+22	1,486042E+22	1,270021E+22	1,270031E+22	1,486068E+22	1,823230E+22
1642	2,156481E+22	2,396510E+22	2,513677E+22	2,513622E+22	2,396399E+22	2,156382E+22	1,823172E+22	1,486050E+22	1,270037E+22	1,270038E+22	1,486057E+22	1,823184E+22
1643	2,156391E+22	2,396399E+22	2,513612E+22	2,513654E+22	2,396487E+22	2,156463E+22	1,823227E+22	1,486086E+22	1,270062E+22	1,270052E+22	1,486062E+22	1,823202E+22
1644	2,156455E+22	2,396504E+22	2,513707E+22	2,513716E+22	2,396515E+22	2,156445E+22	1,823172E+22	1,486023E+22	1,270021E+22	1,270045E+22	1,486084E+22	1,823232E+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	2,156462E+22	2,396468E+22	2,513617E+22	2,513584E+22	2,396429E+22	2,156439E+22	1,823206E+22	1,486052E+22	1,270015E+22	1,270002E+22	1,486020E+22	1,823168E+22
1646	2,156406E+22	2,396441E+22	2,513661E+22	2,513685E+22	2,396508E+22	2,156485E+22	1,823227E+22	1,486051E+22	1,270003E+22	1,269989E+22	1,486018E+22	1,823203E+22
1647	2,156493E+22	2,396540E+22	2,513723E+22	2,513705E+22	2,396475E+22	2,156404E+22	1,823151E+22	1,486003E+22	1,269976E+22	1,269974E+22	1,486002E+22	1,823159E+22
1648	2,156416E+22	2,396449E+22	2,513618E+22	2,513616E+22	2,396465E+22	2,156452E+22	1,823201E+22	1,486027E+22	1,269969E+22	1,269947E+22	1,485969E+22	1,823125E+22
1649	2,156384E+22	2,396463E+22	2,513725E+22	2,513754E+22	2,396554E+22	2,156480E+22	1,823171E+22	1,485971E+22	1,269924E+22	1,269936E+22	1,486000E+22	1,823199E+22
1650	2,156472E+22	2,396508E+22	2,513705E+22	2,513683E+22	2,396459E+22	2,156409E+22	1,823138E+22	1,485950E+22	1,269899E+22	1,269909E+22	1,485975E+22	1,823162E+22
1651	2,156412E+22	2,396416E+22	2,513600E+22	2,513647E+22	2,396502E+22	2,156472E+22	1,823196E+22	1,485993E+22	1,269917E+22	1,269901E+22	1,485951E+22	1,823158E+22
1652	2,156467E+22	2,396541E+22	2,513733E+22	2,513728E+22	2,396540E+22	2,156462E+22	1,823146E+22	1,485940E+22	1,269889E+22	1,269903E+22	1,485976E+22	1,823189E+22
1653	2,156485E+22	2,396534E+22	2,513695E+22	2,513624E+22	2,396423E+22	2,156412E+22	1,823156E+22	1,485970E+22	1,269909E+22	1,269898E+22	1,485944E+22	1,823130E+22
1654	2,156403E+22	2,396455E+22	2,513688E+22	2,513711E+22	2,396506E+22	2,156456E+22	1,823187E+22	1,486002E+22	1,269944E+22	1,269932E+22	1,485974E+22	1,823169E+22
1655	2,156471E+22	2,396540E+22	2,513749E+22	2,513753E+22	2,396521E+22	2,156416E+22	1,823129E+22	1,485972E+22	1,269955E+22	1,269971E+22	1,486016E+22	1,823177E+22
1656	2,156422E+22	2,396445E+22	2,513610E+22	2,513602E+22	2,396459E+22	2,156454E+22	1,823203E+22	1,486038E+22	1,269998E+22	1,269992E+22	1,486016E+22	1,823157E+22
1657	2,156385E+22	2,396422E+22	2,513661E+22	2,513696E+22	2,396522E+22	2,156491E+22	1,823221E+22	1,486050E+22	1,270019E+22	1,270022E+22	1,486057E+22	1,823226E+22
1658	2,156484E+22	2,396504E+22	2,513677E+22	2,513644E+22	2,396424E+22	2,156398E+22	1,823183E+22	1,486060E+22	1,270053E+22	1,270059E+22	1,486074E+22	1,823198E+22
1659	2,156407E+22	2,396394E+22	2,513552E+22	2,513564E+22	2,396416E+22	2,156432E+22	1,823242E+22	1,486133E+22	1,270118E+22	1,270095E+22	1,486076E+22	1,823183E+22
1660	2,156413E+22	2,396461E+22	2,513672E+22	2,513678E+22	2,396492E+22	2,156449E+22	1,823205E+22	1,486092E+22	1,270109E+22	1,270123E+22	1,486130E+22	1,823242E+22
1661	2,156452E+22	2,396462E+22	2,513636E+22	2,513592E+22	2,396387E+22	2,156390E+22	1,823200E+22	1,486106E+22	1,270120E+22	1,270123E+22	1,486115E+22	1,823207E+22
1662	2,156384E+22	2,396363E+22	2,513560E+22	2,513608E+22	2,396452E+22	2,156451E+22	1,823246E+22	1,486134E+22	1,270132E+22	1,270123E+22	1,486114E+22	1,823232E+22
1663	2,156462E+22	2,396485E+22	2,513669E+22	2,513673E+22	2,396483E+22	2,156432E+22	1,823193E+22	1,486086E+22	1,270102E+22	1,270114E+22	1,486121E+22	1,823235E+22
1664	2,156444E+22	2,396440E+22	2,513582E+22	2,513539E+22	2,396385E+22	2,156428E+22	1,823232E+22	1,486114E+22	1,270099E+22	1,270082E+22	1,486070E+22	1,823175E+22
1665	2,156382E+22	2,396400E+22	2,513631E+22	2,513662E+22	2,396473E+22	2,156462E+22	1,823237E+22	1,486098E+22	1,270075E+22	1,270061E+22	1,486062E+22	1,823204E+22
1666	2,156466E+22	2,396507E+22	2,513700E+22	2,513688E+22	2,396453E+22	2,156390E+22	1,823160E+22	1,486046E+22	1,270045E+22	1,270053E+22	1,486068E+22	1,823182E+22
1667	2,156389E+22	2,396391E+22	2,513562E+22	2,513577E+22	2,396435E+22	2,156434E+22	1,823205E+22	1,486070E+22	1,270045E+22	1,270031E+22	1,486038E+22	1,823167E+22
1668	2,156392E+22	2,396431E+22	2,513660E+22	2,513688E+22	2,396524E+22	2,156490E+22	1,823198E+22	1,486017E+22	1,269990E+22	1,270004E+22	1,486050E+22	1,823223E+22
1669	2,156478E+22	2,396494E+22	2,513668E+22	2,513629E+22	2,396414E+22	2,156400E+22	1,823169E+22	1,486013E+22	1,269977E+22	1,269977E+22	1,486013E+22	1,823175E+22
1670	2,156421E+22	2,396416E+22	2,513579E+22	2,513601E+22	2,396441E+22	2,156431E+22	1,823199E+22	1,486044E+22	1,269998E+22	1,269977E+22	1,485996E+22	1,823166E+22
1671	2,156459E+22	2,396534E+22	2,513731E+22	2,513717E+22	2,396509E+22	2,156430E+22	1,823148E+22	1,485998E+22	1,269983E+22	1,269991E+22	1,486024E+22	1,823183E+22
1672	2,156442E+22	2,396487E+22	2,513667E+22	2,513611E+22	2,396407E+22	2,156402E+22	1,823170E+22	1,486026E+22	1,270002E+22	1,269998E+22	1,486016E+22	1,823148E+22
1673	2,156364E+22	2,396382E+22	2,513630E+22	2,513687E+22	2,396497E+22	2,156462E+22	1,823210E+22	1,486053E+22	1,270024E+22	1,270017E+22	1,486035E+22	1,823190E+22
1674	2,156454E+22	2,396493E+22	2,513694E+22	2,513708E+22	2,396496E+22	2,156425E+22	1,823168E+22	1,486036E+22	1,270037E+22	1,270057E+22	1,486085E+22	1,823207E+22
1675	2,156408E+22	2,396392E+22	2,513539E+22	2,513535E+22	2,396401E+22	2,156430E+22	1,823230E+22	1,486116E+22	1,270103E+22	1,270091E+22	1,486082E+22	1,823188E+22
1676	2,156389E+22	2,396399E+22	2,513603E+22	2,513620E+22	2,396470E+22	2,156484E+22	1,823251E+22	1,486121E+22	1,270120E+22	1,270119E+22	1,486116E+22	1,823235E+22
1677	2,156464E+22	2,396479E+22	2,513651E+22	2,513603E+22	2,396373E+22	2,156373E+22	1,823205E+22	1,486132E+22	1,270157E+22	1,270161E+22	1,486138E+22	1,823214E+22
1678	2,156393E+22	2,396364E+22	2,513517E+22	2,513531E+22	2,396374E+22	2,156393E+22	1,823234E+22	1,486179E+22	1,270207E+22	1,270193E+22	1,486151E+22	1,823218E+22
1679	2,156408E+22	2,396430E+22	2,513635E+22	2,513650E+22	2,396472E+22	2,156435E+22	1,823212E+22	1,486141E+22	1,270192E+22	1,270209E+22	1,486191E+22	1,823267E+22
1680	2,156440E+22	2,396420E+22	2,513583E+22	2,513548E+22	2,396357E+22	2,156391E+22	1,823230E+22	1,486162E+22	1,270196E+22	1,270201E+22	1,486173E+22	1,823235E+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	2,156380E+22	2,396330E+22	2,513519E+22	2,513569E+22	2,396415E+22	2,156440E+22	1,823269E+22	1,486188E+22	1,270199E+22	1,270181E+22	1,486145E+22	1,823233E+22
1682	2,156452E+22	2,396476E+22	2,513654E+22	2,513642E+22	2,396445E+22	2,156418E+22	1,823216E+22	1,486140E+22	1,270175E+22	1,270185E+22	1,486164E+22	1,823231E+22
1683	2,156407E+22	2,396397E+22	2,513551E+22	2,513515E+22	2,396346E+22	2,156397E+22	1,823241E+22	1,486171E+22	1,270188E+22	1,270170E+22	1,486126E+22	1,823186E+22
1684	2,156356E+22	2,396356E+22	2,513578E+22	2,513622E+22	2,396459E+22	2,156467E+22	1,823252E+22	1,486143E+22	1,270151E+22	1,270143E+22	1,486119E+22	1,823215E+22
1685	2,156434E+22	2,396456E+22	2,513647E+22	2,513648E+22	2,396432E+22	2,156396E+22	1,823190E+22	1,486099E+22	1,270120E+22	1,270130E+22	1,486123E+22	1,823211E+22
1686	2,156394E+22	2,396361E+22	2,513507E+22	2,513523E+22	2,396388E+22	2,156409E+22	1,823214E+22	1,486114E+22	1,270113E+22	1,270101E+22	1,486093E+22	1,823201E+22
1687	2,156411E+22	2,396428E+22	2,513629E+22	2,513642E+22	2,396475E+22	2,156458E+22	1,823207E+22	1,486074E+22	1,270070E+22	1,270074E+22	1,486090E+22	1,823231E+22
1688	2,156467E+22	2,396479E+22	2,513645E+22	2,513595E+22	2,396371E+22	2,156380E+22	1,823187E+22	1,486069E+22	1,270061E+22	1,270061E+22	1,486067E+22	1,823186E+22
1689	2,156397E+22	2,396385E+22	2,513566E+22	2,513595E+22	2,396413E+22	2,156405E+22	1,823204E+22	1,486088E+22	1,270071E+22	1,270053E+22	1,486044E+22	1,823168E+22
1690	2,156426E+22	2,396496E+22	2,513707E+22	2,513707E+22	2,396499E+22	2,156426E+22	1,823163E+22	1,486043E+22	1,270059E+22	1,270080E+22	1,486094E+22	1,823202E+22
1691	2,156405E+22	2,396418E+22	2,513599E+22	2,513573E+22	2,396387E+22	2,156402E+22	1,823195E+22	1,486085E+22	1,270093E+22	1,270096E+22	1,486091E+22	1,823187E+22
1692	2,156364E+22	2,396338E+22	2,513544E+22	2,513606E+22	2,396464E+22	2,156479E+22	1,823254E+22	1,486121E+22	1,270112E+22	1,270104E+22	1,486094E+22	1,823210E+22
1693	2,156444E+22	2,396462E+22	2,513639E+22	2,513641E+22	2,396440E+22	2,156413E+22	1,823211E+22	1,486121E+22	1,270141E+22	1,270148E+22	1,486136E+22	1,823224E+22
1694	2,156411E+22	2,396378E+22	2,513501E+22	2,513478E+22	2,396329E+22	2,156379E+22	1,823233E+22	1,486179E+22	1,270205E+22	1,270190E+22	1,486146E+22	1,823207E+22
1695	2,156381E+22	2,396385E+22	2,513585E+22	2,513592E+22	2,396420E+22	2,156436E+22	1,823251E+22	1,486185E+22	1,270223E+22	1,270221E+22	1,486181E+22	1,823245E+22
1696	2,156430E+22	2,396433E+22	2,513614E+22	2,513580E+22	2,396352E+22	2,156360E+22	1,823217E+22	1,486185E+22	1,270248E+22	1,270262E+22	1,486218E+22	1,823245E+22
1697	2,156369E+22	2,396311E+22	2,513473E+22	2,513506E+22	2,396357E+22	2,156391E+22	1,823251E+22	1,486222E+22	1,270275E+22	1,270267E+22	1,486207E+22	1,823242E+22
1698	2,156402E+22	2,396402E+22	2,513598E+22	2,513616E+22	2,396449E+22	2,156441E+22	1,823246E+22	1,486196E+22	1,270262E+22	1,270283E+22	1,486245E+22	1,823285E+22
1699	2,156426E+22	2,396383E+22	2,513533E+22	2,513502E+22	2,396320E+22	2,156379E+22	1,823258E+22	1,486231E+22	1,270286E+22	1,270282E+22	1,486222E+22	1,823248E+22
1700	2,156374E+22	2,396310E+22	2,513470E+22	2,513512E+22	2,396383E+22	2,156442E+22	1,823301E+22	1,486253E+22	1,270286E+22	1,270261E+22	1,486187E+22	1,823226E+22
1701	2,156412E+22	2,396440E+22	2,513629E+22	2,513618E+22	2,396413E+22	2,156403E+22	1,823242E+22	1,486207E+22	1,270265E+22	1,270270E+22	1,486215E+22	1,823243E+22
1702	2,156385E+22	2,396352E+22	2,513504E+22	2,513480E+22	2,396311E+22	2,156362E+22	1,823234E+22	1,486211E+22	1,270265E+22	1,270258E+22	1,486198E+22	1,823223E+22
1703	2,156354E+22	2,396323E+22	2,513529E+22	2,513578E+22	2,396426E+22	2,156448E+22	1,823263E+22	1,486188E+22	1,270221E+22	1,270219E+22	1,486180E+22	1,823247E+22
1704	2,156432E+22	2,396425E+22	2,513595E+22	2,513593E+22	2,396389E+22	2,156383E+22	1,823211E+22	1,486146E+22	1,270186E+22	1,270200E+22	1,486179E+22	1,823243E+22
1705	2,156396E+22	2,396347E+22	2,513480E+22	2,513482E+22	2,396341E+22	2,156381E+22	1,823221E+22	1,486153E+22	1,270171E+22	1,270156E+22	1,486123E+22	1,823206E+22
1706	2,156407E+22	2,396432E+22	2,513630E+22	2,513626E+22	2,396443E+22	2,156435E+22	1,823215E+22	1,486114E+22	1,270137E+22	1,270145E+22	1,486133E+22	1,823226E+22
1707	2,156430E+22	2,396439E+22	2,513619E+22	2,513586E+22	2,396350E+22	2,156356E+22	1,823194E+22	1,486121E+22	1,270145E+22	1,270147E+22	1,486123E+22	1,823196E+22
1708	2,156368E+22	2,396338E+22	2,513508E+22	2,513559E+22	2,396414E+22	2,156425E+22	1,823233E+22	1,486142E+22	1,270151E+22	1,270136E+22	1,486101E+22	1,823176E+22
1709	2,156386E+22	2,396436E+22	2,513649E+22	2,513666E+22	2,396481E+22	2,156442E+22	1,823212E+22	1,486116E+22	1,270148E+22	1,270164E+22	1,486151E+22	1,823228E+22
1710	2,156401E+22	2,396374E+22	2,513527E+22	2,513505E+22	2,396335E+22	2,156380E+22	1,823220E+22	1,486154E+22	1,270187E+22	1,270188E+22	1,486158E+22	1,823221E+22
1711	2,156372E+22	2,396324E+22	2,513496E+22	2,513538E+22	2,396400E+22	2,156445E+22	1,823277E+22	1,486200E+22	1,270217E+22	1,270200E+22	1,486154E+22	1,823225E+22
1712	2,156427E+22	2,396436E+22	2,513601E+22	2,513586E+22	2,396380E+22	2,156381E+22	1,823229E+22	1,486191E+22	1,270246E+22	1,270256E+22	1,486211E+22	1,823246E+22
1713	2,156387E+22	2,396346E+22	2,513483E+22	2,513457E+22	2,396287E+22	2,156338E+22	1,823230E+22	1,486227E+22	1,270291E+22	1,270282E+22	1,486212E+22	1,823228E+22
1714	2,156363E+22	2,396355E+22	2,513563E+22	2,513580E+22	2,396405E+22	2,156420E+22	1,823255E+22	1,486225E+22	1,270303E+22	1,270318E+22	1,486259E+22	1,823275E+22
1715	2,156407E+22	2,396377E+22	2,513555E+22	2,513546E+22	2,396335E+22	2,156358E+22	1,823240E+22	1,486241E+22	1,270332E+22	1,270352E+22	1,486288E+22	1,823284E+22
1716	2,156375E+22	2,396284E+22	2,513409E+22	2,513442E+22	2,396335E+22	2,156409E+22	1,823295E+22	1,486287E+22	1,270354E+22	1,270340E+22	1,486252E+22	1,823250E+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	2,156384E+22	2,396377E+22	2,513563E+22	2,513569E+22	2,396409E+22	2,156437E+22	1,823292E+22	1,486277E+22	1,270357E+22	1,270359E+22	1,486280E+22	1,823287E+22
1718	2,156414E+22	2,396360E+22	2,513500E+22	2,513461E+22	2,396272E+22	2,156342E+22	1,823267E+22	1,486292E+22	1,270379E+22	1,270372E+22	1,486276E+22	1,823256E+22
1719	2,156352E+22	2,396283E+22	2,513443E+22	2,513481E+22	2,396345E+22	2,156406E+22	1,823307E+22	1,486311E+22	1,270375E+22	1,270352E+22	1,486247E+22	1,823234E+22
1720	2,156370E+22	2,396378E+22	2,513573E+22	2,513581E+22	2,396394E+22	2,156395E+22	1,823255E+22	1,486253E+22	1,270343E+22	1,270359E+22	1,486289E+22	1,823278E+22
1721	2,156364E+22	2,396302E+22	2,513457E+22	2,513442E+22	2,396282E+22	2,156348E+22	1,823242E+22	1,486242E+22	1,270317E+22	1,270317E+22	1,486248E+22	1,823255E+22
1722	2,156360E+22	2,396307E+22	2,513496E+22	2,513536E+22	2,396389E+22	2,156430E+22	1,823277E+22	1,486226E+22	1,270278E+22	1,270281E+22	1,486228E+22	1,823266E+22
1723	2,156428E+22	2,396403E+22	2,513557E+22	2,513548E+22	2,396349E+22	2,156363E+22	1,823227E+22	1,486199E+22	1,270260E+22	1,270269E+22	1,486223E+22	1,823258E+22
1724	2,156397E+22	2,396343E+22	2,513452E+22	2,513439E+22	2,396315E+22	2,156378E+22	1,823243E+22	1,486205E+22	1,270244E+22	1,270224E+22	1,486159E+22	1,823197E+22
1725	2,156369E+22	2,396400E+22	2,513615E+22	2,513616E+22	2,396427E+22	2,156426E+22	1,823242E+22	1,486178E+22	1,270222E+22	1,270222E+22	1,486177E+22	1,823235E+22
1726	2,156406E+22	2,396390E+22	2,513570E+22	2,513557E+22	2,396334E+22	2,156339E+22	1,823199E+22	1,486169E+22	1,270228E+22	1,270236E+22	1,486191E+22	1,823227E+22
1727	2,156358E+22	2,396298E+22	2,513451E+22	2,513503E+22	2,396379E+22	2,156415E+22	1,823263E+22	1,486209E+22	1,270238E+22	1,270223E+22	1,486165E+22	1,823203E+22
1728	2,156369E+22	2,396387E+22	2,513582E+22	2,513597E+22	2,396433E+22	2,156432E+22	1,823249E+22	1,486190E+22	1,270242E+22	1,270255E+22	1,486217E+22	1,823257E+22
1729	2,156391E+22	2,396349E+22	2,513494E+22	2,513450E+22	2,396273E+22	2,156341E+22	1,823231E+22	1,486214E+22	1,270274E+22	1,270271E+22	1,486210E+22	1,823236E+22
1730	2,156363E+22	2,396316E+22	2,513488E+22	2,513508E+22	2,396351E+22	2,156404E+22	1,823281E+22	1,486252E+22	1,270309E+22	1,270302E+22	1,486222E+22	1,823236E+22
1731	2,156394E+22	2,396391E+22	2,513566E+22	2,513562E+22	2,396352E+22	2,156353E+22	1,823234E+22	1,486247E+22	1,270344E+22	1,270361E+22	1,486288E+22	1,823276E+22
1732	2,156370E+22	2,396304E+22	2,513427E+22	2,513417E+22	2,396286E+22	2,156353E+22	1,823255E+22	1,486280E+22	1,270374E+22	1,270371E+22	1,486276E+22	1,823249E+22
1733	2,156339E+22	2,396308E+22	2,513517E+22	2,513547E+22	2,396392E+22	2,156433E+22	1,823302E+22	1,486299E+22	1,270391E+22	1,270396E+22	1,486310E+22	1,823304E+22
1734	2,156411E+22	2,396341E+22	2,513495E+22	2,513490E+22	2,396297E+22	2,156342E+22	1,823266E+22	1,486310E+22	1,270424E+22	1,270438E+22	1,486344E+22	1,823308E+22
1735	2,156376E+22	2,396271E+22	2,513374E+22	2,513386E+22	2,396285E+22	2,156389E+22	1,823328E+22	1,486367E+22	1,270453E+22	1,270430E+22	1,486303E+22	1,823254E+22
1736	2,156351E+22	2,396337E+22	2,513528E+22	2,513526E+22	2,396363E+22	2,156415E+22	1,823315E+22	1,486345E+22	1,270453E+22	1,270455E+22	1,486345E+22	1,823298E+22
1737	2,156374E+22	2,396314E+22	2,513472E+22	2,513433E+22	2,396234E+22	2,156306E+22	1,823263E+22	1,486334E+22	1,270455E+22	1,270455E+22	1,486337E+22	1,823278E+22
1738	2,156333E+22	2,396245E+22	2,513407E+22	2,513451E+22	2,396324E+22	2,156390E+22	1,823305E+22	1,486339E+22	1,270441E+22	1,270435E+22	1,486317E+22	1,823267E+22
1739	2,156359E+22	2,396327E+22	2,513507E+22	2,513525E+22	2,396362E+22	2,156385E+22	1,823270E+22	1,486296E+22	1,270408E+22	1,270429E+22	1,486348E+22	1,823319E+22
1740	2,156385E+22	2,396289E+22	2,513403E+22	2,513377E+22	2,396251E+22	2,156348E+22	1,823268E+22	1,486291E+22	1,270377E+22	1,270369E+22	1,486278E+22	1,823263E+22
1741	2,156356E+22	2,396303E+22	2,513487E+22	2,513506E+22	2,396351E+22	2,156411E+22	1,823301E+22	1,486288E+22	1,270352E+22	1,270337E+22	1,486249E+22	1,823267E+22
1742	2,156419E+22	2,396387E+22	2,513541E+22	2,513525E+22	2,396316E+22	2,156327E+22	1,823226E+22	1,486247E+22	1,270338E+22	1,270346E+22	1,486266E+22	1,823259E+22
1743	2,156371E+22	2,396318E+22	2,513437E+22	2,513422E+22	2,396295E+22	2,156359E+22	1,823257E+22	1,486262E+22	1,270326E+22	1,270307E+22	1,486213E+22	1,823199E+22
1744	2,156318E+22	2,396330E+22	2,513560E+22	2,513582E+22	2,396417E+22	2,156433E+22	1,823270E+22	1,486236E+22	1,270306E+22	1,270311E+22	1,486244E+22	1,823257E+22
1745	2,156374E+22	2,396333E+22	2,513519E+22	2,513508E+22	2,396304E+22	2,156332E+22	1,823222E+22	1,486222E+22	1,270302E+22	1,270312E+22	1,486247E+22	1,823255E+22
1746	2,156357E+22	2,396271E+22	2,513407E+22	2,513448E+22	2,396335E+22	2,156396E+22	1,823283E+22	1,486266E+22	1,270325E+22	1,270313E+22	1,486227E+22	1,823226E+22
1747	2,156359E+22	2,396349E+22	2,513528E+22	2,513534E+22	2,396381E+22	2,156406E+22	1,823269E+22	1,486259E+22	1,270342E+22	1,270353E+22	1,486284E+22	1,823287E+22
1748	2,156391E+22	2,396331E+22	2,513456E+22	2,513401E+22	2,396237E+22	2,156323E+22	1,823248E+22	1,486275E+22	1,270367E+22	1,270365E+22	1,486272E+22	1,823248E+22
1749	2,156335E+22	2,396280E+22	2,513469E+22	2,513492E+22	2,396327E+22	2,156383E+22	1,823296E+22	1,486318E+22	1,270406E+22	1,270395E+22	1,486288E+22	1,823268E+22
1750	2,156385E+22	2,396345E+22	2,513516E+22	2,513527E+22	2,396334E+22	2,156339E+22	1,823242E+22	1,486298E+22	1,270434E+22	1,270460E+22	1,486366E+22	1,823318E+22
1751	2,156375E+22	2,396278E+22	2,513382E+22	2,513363E+22	2,396248E+22	2,156348E+22	1,823291E+22	1,486350E+22	1,270462E+22	1,270458E+22	1,486336E+22	1,823272E+22
1752	2,156325E+22	2,396267E+22	2,513460E+22	2,513486E+22	2,396350E+22	2,156427E+22	1,823342E+22	1,486378E+22	1,270488E+22	1,270484E+22	1,486364E+22	1,823316E+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	2,156391E+22	2,396318E+22	2,513471E+22	2,513445E+22	2,396248E+22	2,156312E+22	1,823280E+22	1,486372E+22	1,270512E+22	1,270517E+22	1,486386E+22	1,823309E+22
1754	2,156353E+22	2,396247E+22	2,513360E+22	2,513358E+22	2,396243E+22	2,156355E+22	1,823331E+22	1,486417E+22	1,270543E+22	1,270526E+22	1,486364E+22	1,823258E+22
1755	2,156307E+22	2,396271E+22	2,513475E+22	2,513491E+22	2,396338E+22	2,156397E+22	1,823325E+22	1,486398E+22	1,270540E+22	1,270549E+22	1,486416E+22	1,823328E+22
1756	2,156358E+22	2,396264E+22	2,513407E+22	2,513384E+22	2,396223E+22	2,156315E+22	1,823283E+22	1,486378E+22	1,270523E+22	1,270528E+22	1,486393E+22	1,823301E+22
1757	2,156320E+22	2,396207E+22	2,513365E+22	2,513411E+22	2,396295E+22	2,156386E+22	1,823335E+22	1,486398E+22	1,270511E+22	1,270495E+22	1,486358E+22	1,823298E+22
1758	2,156376E+22	2,396307E+22	2,513461E+22	2,513470E+22	2,396318E+22	2,156359E+22	1,823279E+22	1,486346E+22	1,270481E+22	1,270497E+22	1,486391E+22	1,823339E+22
1759	2,156395E+22	2,396294E+22	2,513392E+22	2,513335E+22	2,396201E+22	2,156324E+22	1,823288E+22	1,486350E+22	1,270454E+22	1,270439E+22	1,486314E+22	1,823259E+22
1760	2,156326E+22	2,396272E+22	2,513469E+22	2,513486E+22	2,396322E+22	2,156393E+22	1,823318E+22	1,486345E+22	1,270434E+22	1,270417E+22	1,486299E+22	1,823268E+22
1761	2,156377E+22	2,396345E+22	2,513525E+22	2,513515E+22	2,396301E+22	2,156306E+22	1,823224E+22	1,486285E+22	1,270407E+22	1,270420E+22	1,486319E+22	1,823274E+22
1762	2,156346E+22	2,396272E+22	2,513402E+22	2,513397E+22	2,396284E+22	2,156358E+22	1,823266E+22	1,486298E+22	1,270398E+22	1,270395E+22	1,486281E+22	1,823227E+22
1763	2,156300E+22	2,396265E+22	2,513483E+22	2,513518E+22	2,396385E+22	2,156435E+22	1,823302E+22	1,486296E+22	1,270386E+22	1,270394E+22	1,486309E+22	1,823296E+22
1764	2,156384E+22	2,396306E+22	2,513452E+22	2,513434E+22	2,396264E+22	2,156329E+22	1,823254E+22	1,486288E+22	1,270386E+22	1,270388E+22	1,486293E+22	1,823269E+22
1765	2,156350E+22	2,396257E+22	2,513388E+22	2,513407E+22	2,396284E+22	2,156367E+22	1,823304E+22	1,486339E+22	1,270421E+22	1,270395E+22	1,486274E+22	1,823245E+22
1766	2,156357E+22	2,396325E+22	2,513497E+22	2,513494E+22	2,396331E+22	2,156360E+22	1,823265E+22	1,486315E+22	1,270439E+22	1,270454E+22	1,486353E+22	1,823308E+22
1767	2,156378E+22	2,396305E+22	2,513433E+22	2,513375E+22	2,396206E+22	2,156302E+22	1,823263E+22	1,486336E+22	1,270459E+22	1,270462E+22	1,486341E+22	1,823268E+22
1768	2,156303E+22	2,396222E+22	2,513419E+22	2,513458E+22	2,396312E+22	2,156387E+22	1,823323E+22	1,486378E+22	1,270495E+22	1,270489E+22	1,486358E+22	1,823294E+22
1769	2,156364E+22	2,396301E+22	2,513471E+22	2,513478E+22	2,396300E+22	2,156331E+22	1,823266E+22	1,486357E+22	1,270514E+22	1,270538E+22	1,486418E+22	1,823339E+22
1770	2,156372E+22	2,396256E+22	2,513349E+22	2,513317E+22	2,396211E+22	2,156337E+22	1,823315E+22	1,486413E+22	1,270556E+22	1,270551E+22	1,486392E+22	1,823281E+22
1771	2,156303E+22	2,396222E+22	2,513407E+22	2,513428E+22	2,396304E+22	2,156412E+22	1,823371E+22	1,486453E+22	1,270591E+22	1,270582E+22	1,486424E+22	1,823329E+22
1772	2,156371E+22	2,396283E+22	2,513427E+22	2,513402E+22	2,396217E+22	2,156299E+22	1,823301E+22	1,486438E+22	1,270606E+22	1,270609E+22	1,486444E+22	1,823315E+22
1773	2,156317E+22	2,396199E+22	2,513329E+22	2,513339E+22	2,396220E+22	2,156336E+22	1,823343E+22	1,486476E+22	1,270632E+22	1,270611E+22	1,486428E+22	1,823294E+22
1774	2,156301E+22	2,396217E+22	2,513408E+22	2,513438E+22	2,396305E+22	2,156380E+22	1,823330E+22	1,486441E+22	1,270617E+22	1,270635E+22	1,486487E+22	1,823371E+22
1775	2,156373E+22	2,396245E+22	2,513363E+22	2,513326E+22	2,396173E+22	2,156302E+22	1,823312E+22	1,486433E+22	1,270592E+22	1,270597E+22	1,486443E+22	1,823324E+22
1776	2,156319E+22	2,396185E+22	2,513328E+22	2,513363E+22	2,396250E+22	2,156368E+22	1,823355E+22	1,486455E+22	1,270587E+22	1,270564E+22	1,486399E+22	1,823304E+22
1777	2,156362E+22	2,396302E+22	2,513458E+22	2,513442E+22	2,396276E+22	2,156328E+22	1,823279E+22	1,486387E+22	1,270549E+22	1,270561E+22	1,486422E+22	1,823334E+22
1778	2,156374E+22	2,396279E+22	2,513395E+22	2,513335E+22	2,396183E+22	2,156302E+22	1,823284E+22	1,486385E+22	1,270527E+22	1,270521E+22	1,486363E+22	1,823256E+22
1779	2,156281E+22	2,396205E+22	2,513418E+22	2,513463E+22	2,396318E+22	2,156397E+22	1,823334E+22	1,486393E+22	1,270510E+22	1,270499E+22	1,486359E+22	1,823288E+22
1780	2,156355E+22	2,396287E+22	2,513457E+22	2,513473E+22	2,396299E+22	2,156328E+22	1,823257E+22	1,486336E+22	1,270476E+22	1,270489E+22	1,486369E+22	1,823293E+22
1781	2,156331E+22	2,396226E+22	2,513350E+22	2,513351E+22	2,396249E+22	2,156357E+22	1,823305E+22	1,486368E+22	1,270479E+22	1,270463E+22	1,486330E+22	1,823263E+22
1782	2,156313E+22	2,396234E+22	2,513418E+22	2,513446E+22	2,396327E+22	2,156410E+22	1,823320E+22	1,486360E+22	1,270478E+22	1,270482E+22	1,486368E+22	1,823323E+22
1783	2,156395E+22	2,396305E+22	2,513429E+22	2,513377E+22	2,396194E+22	2,156296E+22	1,823276E+22	1,486355E+22	1,270480E+22	1,270480E+22	1,486351E+22	1,823279E+22
1784	2,156327E+22	2,396224E+22	2,513362E+22	2,513377E+22	2,396241E+22	2,156335E+22	1,823311E+22	1,486399E+22	1,270519E+22	1,270496E+22	1,486342E+22	1,823259E+22
1785	2,156329E+22	2,396292E+22	2,513476E+22	2,513474E+22	2,396306E+22	2,156334E+22	1,823257E+22	1,486355E+22	1,270520E+22	1,270542E+22	1,486418E+22	1,823334E+22
1786	2,156367E+22	2,396269E+22	2,513400E+22	2,513350E+22	2,396189E+22	2,156297E+22	1,823271E+22	1,486377E+22	1,270540E+22	1,270555E+22	1,486408E+22	1,823294E+22
1787	2,156289E+22	2,396168E+22	2,513350E+22	2,513399E+22	2,396280E+22	2,156392E+22	1,823364E+22	1,486449E+22	1,270585E+22	1,270574E+22	1,486417E+22	1,823319E+22
1788	2,156363E+22	2,396274E+22	2,513417E+22	2,513421E+22	2,396267E+22	2,156331E+22	1,823304E+22	1,486433E+22	1,270608E+22	1,270618E+22	1,486460E+22	1,823337E+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												
1789	2,156345E+22	2,396227E+22	2,513329E+22	2,513289E+22	2,396167E+22	2,156317E+22	1,823345E+22	1,486493E+22	1,270660E+22	1,270640E+22	1,486444E+22	1,823293E+22
1790	2,156280E+22	2,396173E+22	2,513355E+22	2,513386E+22	2,396263E+22	2,156380E+22	1,823377E+22	1,486514E+22	1,270694E+22	1,270689E+22	1,486498E+22	1,823349E+22
1791	2,156349E+22	2,396240E+22	2,513381E+22	2,513359E+22	2,396180E+22	2,156286E+22	1,823322E+22	1,486496E+22	1,270696E+22	1,270706E+22	1,486516E+22	1,823341E+22
1792	2,156291E+22	2,396140E+22	2,513267E+22	2,513293E+22	2,396191E+22	2,156332E+22	1,823365E+22	1,486531E+22	1,270713E+22	1,270698E+22	1,486495E+22	1,823325E+22
1793	2,156298E+22	2,396194E+22	2,513367E+22	2,513386E+22	2,396259E+22	2,156357E+22	1,823339E+22	1,486485E+22	1,270683E+22	1,270700E+22	1,486533E+22	1,823397E+22
1794	2,156384E+22	2,396243E+22	2,513345E+22	2,513294E+22	2,396136E+22	2,156281E+22	1,823317E+22	1,486475E+22	1,270665E+22	1,270671E+22	1,486486E+22	1,823331E+22
1795	2,156306E+22	2,396162E+22	2,513299E+22	2,513328E+22	2,396215E+22	2,156355E+22	1,823374E+22	1,486507E+22	1,270662E+22	1,270638E+22	1,486445E+22	1,823310E+22
1796	2,156343E+22	2,396274E+22	2,513429E+22	2,513425E+22	2,396265E+22	2,156324E+22	1,823295E+22	1,486436E+22	1,270620E+22	1,270630E+22	1,486464E+22	1,823332E+22
1797	2,156336E+22	2,396234E+22	2,513370E+22	2,513332E+22	2,396180E+22	2,156304E+22	1,823303E+22	1,486435E+22	1,270600E+22	1,270591E+22	1,486417E+22	1,823286E+22
1798	2,156272E+22	2,396149E+22	2,513340E+22	2,513405E+22	2,396288E+22	2,156393E+22	1,823352E+22	1,486440E+22	1,270585E+22	1,270580E+22	1,486423E+22	1,823322E+22
1799	2,156361E+22	2,396262E+22	2,513401E+22	2,513403E+22	2,396239E+22	2,156319E+22	1,823297E+22	1,486402E+22	1,270554E+22	1,270563E+22	1,486419E+22	1,823312E+22
1800	2,156325E+22	2,396202E+22	2,513308E+22	2,513298E+22	2,396192E+22	2,156328E+22	1,823323E+22	1,486432E+22	1,270568E+22	1,270545E+22	1,486378E+22	1,823269E+22
1801	2,156299E+22	2,396228E+22	2,513406E+22	2,513404E+22	2,396261E+22	2,156359E+22	1,823312E+22	1,486406E+22	1,270560E+22	1,270565E+22	1,486418E+22	1,823329E+22
1802	2,156377E+22	2,396288E+22	2,513423E+22	2,513370E+22	2,396167E+22	2,156264E+22	1,823264E+22	1,486392E+22	1,270565E+22	1,270577E+22	1,486417E+22	1,823290E+22
1803	2,156291E+22	2,396167E+22	2,513312E+22	2,513351E+22	2,396230E+22	2,156334E+22	1,823325E+22	1,486447E+22	1,270601E+22	1,270588E+22	1,486413E+22	1,823287E+22
1804	2,156313E+22	2,396241E+22	2,513414E+22	2,513437E+22	2,396299E+22	2,156351E+22	1,823293E+22	1,486414E+22	1,270599E+22	1,270620E+22	1,486470E+22	1,823351E+22
1805	2,156351E+22	2,396230E+22	2,513357E+22	2,513319E+22	2,396165E+22	2,156301E+22	1,823314E+22	1,486456E+22	1,270633E+22	1,270634E+22	1,486460E+22	1,823321E+22
1806	2,156288E+22	2,396130E+22	2,513282E+22	2,513331E+22	2,396231E+22	2,156377E+22	1,823393E+22	1,486527E+22	1,270693E+22	1,270676E+22	1,486480E+22	1,823334E+22
1807	2,156350E+22	2,396252E+22	2,513384E+22	2,513367E+22	2,396203E+22	2,156311E+22	1,823343E+22	1,486514E+22	1,270715E+22	1,270723E+22	1,486526E+22	1,823345E+22
1808	2,156307E+22	2,396174E+22	2,513286E+22	2,513256E+22	2,396127E+22	2,156289E+22	1,823360E+22	1,486563E+22	1,270767E+22	1,270751E+22	1,486523E+22	1,823313E+22
1809	2,156252E+22	2,396131E+22	2,513310E+22	2,513343E+22	2,396224E+22	2,156352E+22	1,823373E+22	1,486556E+22	1,270776E+22	1,270784E+22	1,486575E+22	1,823389E+22
1810	2,156349E+22	2,396210E+22	2,513336E+22	2,513317E+22	2,396149E+22	2,156273E+22	1,823326E+22	1,486532E+22	1,270770E+22	1,270794E+22	1,486585E+22	1,823377E+22
1811	2,156295E+22	2,396108E+22	2,513207E+22	2,513231E+22	2,396150E+22	2,156324E+22	1,823390E+22	1,486585E+22	1,270785E+22	1,270768E+22	1,486546E+22	1,823353E+22
1812	2,156311E+22	2,396188E+22	2,513337E+22	2,513348E+22	2,396225E+22	2,156344E+22	1,823361E+22	1,486539E+22	1,270753E+22	1,270759E+22	1,486559E+22	1,823391E+22
1813	2,156365E+22	2,396232E+22	2,513347E+22	2,513294E+22	2,396111E+22	2,156261E+22	1,823333E+22	1,486531E+22	1,270739E+22	1,270734E+22	1,486521E+22	1,823335E+22
1814	2,156279E+22	2,396120E+22	2,513261E+22	2,513307E+22	2,396197E+22	2,156340E+22	1,823383E+22	1,486555E+22	1,270741E+22	1,270721E+22	1,486500E+22	1,823317E+22
1815	2,156311E+22	2,396231E+22	2,513390E+22	2,513392E+22	2,396241E+22	2,156330E+22	1,823328E+22	1,486487E+22	1,270691E+22	1,270706E+22	1,486517E+22	1,823343E+22
1816	2,156301E+22	2,396171E+22	2,513304E+22	2,513286E+22	2,396152E+22	2,156304E+22	1,823335E+22	1,486494E+22	1,270678E+22	1,270669E+22	1,486472E+22	1,823305E+22
1817	2,156263E+22	2,396124E+22	2,513286E+22	2,513339E+22	2,396234E+22	2,156368E+22	1,823366E+22	1,486490E+22	1,270658E+22	1,270651E+22	1,486471E+22	1,823344E+22
1818	2,156366E+22	2,396254E+22	2,513371E+22	2,513357E+22	2,396188E+22	2,156286E+22	1,823297E+22	1,486449E+22	1,270638E+22	1,270649E+22	1,486473E+22	1,823324E+22
1819	2,156310E+22	2,396176E+22	2,513273E+22	2,513257E+22	2,396145E+22	2,156299E+22	1,823334E+22	1,486485E+22	1,270652E+22	1,270633E+22	1,486440E+22	1,823288E+22
1820	2,156284E+22	2,396199E+22	2,513380E+22	2,513392E+22	2,396243E+22	2,156337E+22	1,823317E+22	1,486453E+22	1,270638E+22	1,270645E+22	1,486474E+22	1,823341E+22
1821	2,156348E+22	2,396246E+22	2,513396E+22	2,513368E+22	2,396166E+22	2,156264E+22	1,823280E+22	1,486441E+22	1,270641E+22	1,270656E+22	1,486482E+22	1,823328E+22
1822	2,156285E+22	2,396117E+22	2,513240E+22	2,513295E+22	2,396203E+22	2,156338E+22	1,823357E+22	1,486506E+22	1,270686E+22	1,270677E+22	1,486480E+22	1,823319E+22
1823	2,156314E+22	2,396218E+22	2,513363E+22	2,513370E+22	2,396244E+22	2,156352E+22	1,823348E+22	1,486495E+22	1,270693E+22	1,270706E+22	1,486522E+22	1,823361E+22
1824	2,156331E+22	2,396196E+22	2,513312E+22	2,513270E+22	2,396118E+22	2,156282E+22	1,823349E+22	1,486541E+22	1,270745E+22	1,270735E+22	1,486516E+22	1,823321E+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	2,156263E+22	2,396111E+22	2,513250E+22	2,513283E+22	2,396172E+22	2,156336E+22	1,823399E+22	1,486590E+22	1,270795E+22	1,270779E+22	1,486546E+22	1,823347E+22
1826	2,156321E+22	2,396213E+22	2,513352E+22	2,513344E+22	2,396174E+22	2,156281E+22	1,823339E+22	1,486565E+22	1,270815E+22	1,270834E+22	1,486605E+22	1,823370E+22
1827	2,156276E+22	2,396112E+22	2,513221E+22	2,513210E+22	2,396102E+22	2,156283E+22	1,823378E+22	1,486614E+22	1,270851E+22	1,270846E+22	1,486601E+22	1,823356E+22
1828	2,156250E+22	2,396089E+22	2,513249E+22	2,513295E+22	2,396194E+22	2,156347E+22	1,823400E+22	1,486610E+22	1,270849E+22	1,270856E+22	1,486627E+22	1,823414E+22
1829	2,156350E+22	2,396192E+22	2,513307E+22	2,513288E+22	2,396122E+22	2,156265E+22	1,823354E+22	1,486594E+22	1,270845E+22	1,270858E+22	1,486631E+22	1,823405E+22
1830	2,156303E+22	2,396096E+22	2,513167E+22	2,513179E+22	2,396105E+22	2,156303E+22	1,823407E+22	1,486641E+22	1,270868E+22	1,270847E+22	1,486592E+22	1,823359E+22
1831	2,156298E+22	2,396180E+22	2,513325E+22	2,513314E+22	2,396177E+22	2,156329E+22	1,823393E+22	1,486602E+22	1,270835E+22	1,270837E+22	1,486603E+22	1,823385E+22
1832	2,156321E+22	2,396183E+22	2,513318E+22	2,513288E+22	2,396101E+22	2,156247E+22	1,823347E+22	1,486587E+22	1,270823E+22	1,270818E+22	1,486575E+22	1,823337E+22
1833	2,156244E+22	2,396077E+22	2,513211E+22	2,513265E+22	2,396171E+22	2,156324E+22	1,823386E+22	1,486591E+22	1,270808E+22	1,270797E+22	1,486559E+22	1,823344E+22
1834	2,156297E+22	2,396189E+22	2,513336E+22	2,513346E+22	2,396212E+22	2,156321E+22	1,823341E+22	1,486529E+22	1,270761E+22	1,270781E+22	1,486574E+22	1,823369E+22
1835	2,156294E+22	2,396134E+22	2,513241E+22	2,513218E+22	2,396104E+22	2,156288E+22	1,823360E+22	1,486549E+22	1,270750E+22	1,270739E+22	1,486524E+22	1,823330E+22
1836	2,156266E+22	2,396110E+22	2,513254E+22	2,513294E+22	2,396185E+22	2,156336E+22	1,823377E+22	1,486543E+22	1,270733E+22	1,270719E+22	1,486509E+22	1,823346E+22
1837	2,156347E+22	2,396240E+22	2,513368E+22	2,513350E+22	2,396161E+22	2,156259E+22	1,823304E+22	1,486498E+22	1,270713E+22	1,270724E+22	1,486526E+22	1,823344E+22
1838	2,156290E+22	2,396136E+22	2,513231E+22	2,513228E+22	2,396126E+22	2,156282E+22	1,823337E+22	1,486530E+22	1,270733E+22	1,270723E+22	1,486507E+22	1,823311E+22
1839	2,156264E+22	2,396162E+22	2,513340E+22	2,513355E+22	2,396220E+22	2,156345E+22	1,823355E+22	1,486510E+22	1,270715E+22	1,270727E+22	1,486533E+22	1,823362E+22
1840	2,156324E+22	2,396192E+22	2,513338E+22	2,513330E+22	2,396147E+22	2,156268E+22	1,823322E+22	1,486514E+22	1,270731E+22	1,270742E+22	1,486538E+22	1,823344E+22
1841	2,156276E+22	2,396096E+22	2,513189E+22	2,513230E+22	2,396152E+22	2,156320E+22	1,823383E+22	1,486575E+22	1,270779E+22	1,270765E+22	1,486537E+22	1,823336E+22
1842	2,156303E+22	2,396199E+22	2,513331E+22	2,513323E+22	2,396197E+22	2,156327E+22	1,823364E+22	1,486564E+22	1,270800E+22	1,270810E+22	1,486585E+22	1,823370E+22
1843	2,156301E+22	2,396154E+22	2,513265E+22	2,513220E+22	2,396071E+22	2,156257E+22	1,823371E+22	1,486613E+22	1,270851E+22	1,270844E+22	1,486594E+22	1,823347E+22
1844	2,156241E+22	2,396065E+22	2,513207E+22	2,513254E+22	2,396145E+22	2,156309E+22	1,823406E+22	1,486647E+22	1,270888E+22	1,270877E+22	1,486618E+22	1,823374E+22
1845	2,156301E+22	2,396167E+22	2,513308E+22	2,513317E+22	2,396157E+22	2,156273E+22	1,823354E+22	1,486616E+22	1,270894E+22	1,270920E+22	1,486681E+22	1,823421E+22
1846	2,156282E+22	2,396072E+22	2,513151E+22	2,513144E+22	2,396061E+22	2,156273E+22	1,823402E+22	1,486670E+22	1,270932E+22	1,270930E+22	1,486667E+22	1,823394E+22
1847	2,156264E+22	2,396085E+22	2,513220E+22	2,513237E+22	2,396135E+22	2,156332E+22	1,823437E+22	1,486677E+22	1,270929E+22	1,270927E+22	1,486667E+22	1,823420E+22
1848	2,156333E+22	2,396171E+22	2,513284E+22	2,513259E+22	2,396087E+22	2,156243E+22	1,823376E+22	1,486661E+22	1,270935E+22	1,270938E+22	1,486668E+22	1,823392E+22
1849	2,156273E+22	2,396082E+22	2,513154E+22	2,513152E+22	2,396071E+22	2,156273E+22	1,823408E+22	1,486688E+22	1,270947E+22	1,270928E+22	1,486641E+22	1,823359E+22
1850	2,156258E+22	2,396136E+22	2,513299E+22	2,513303E+22	2,396170E+22	2,156314E+22	1,823392E+22	1,486643E+22	1,270914E+22	1,270921E+22	1,486660E+22	1,823394E+22
1851	2,156279E+22	2,396113E+22	2,513249E+22	2,513242E+22	2,396089E+22	2,156255E+22	1,823374E+22	1,486636E+22	1,270894E+22	1,270894E+22	1,486637E+22	1,823369E+22
1852	2,156234E+22	2,396026E+22	2,513147E+22	2,513214E+22	2,396142E+22	2,156317E+22	1,823412E+22	1,486643E+22	1,270873E+22	1,270858E+22	1,486603E+22	1,823366E+22
1853	2,156293E+22	2,396161E+22	2,513295E+22	2,513303E+22	2,396179E+22	2,156307E+22	1,823362E+22	1,486584E+22	1,270829E+22	1,270844E+22	1,486623E+22	1,823400E+22
1854	2,156298E+22	2,396116E+22	2,513199E+22	2,513157E+22	2,396050E+22	2,156261E+22	1,823372E+22	1,486602E+22	1,270830E+22	1,270820E+22	1,486579E+22	1,823349E+22
1855	2,156262E+22	2,396104E+22	2,513245E+22	2,513258E+22	2,396132E+22	2,156307E+22	1,823396E+22	1,486597E+22	1,270812E+22	1,270800E+22	1,486562E+22	1,823355E+22
1856	2,156316E+22	2,396199E+22	2,513342E+22	2,513340E+22	2,396153E+22	2,156244E+22	1,823313E+22	1,486550E+22	1,270798E+22	1,270811E+22	1,486584E+22	1,823358E+22
1857	2,156274E+22	2,396109E+22	2,513189E+22	2,513185E+22	2,396103E+22	2,156272E+22	1,823345E+22	1,486569E+22	1,270804E+22	1,270803E+22	1,486569E+22	1,823342E+22
1858	2,156260E+22	2,396130E+22	2,513293E+22	2,513310E+22	2,396193E+22	2,156338E+22	1,823378E+22	1,486569E+22	1,270800E+22	1,270807E+22	1,486586E+22	1,823381E+22
1859	2,156313E+22	2,396157E+22	2,513283E+22	2,513268E+22	2,396106E+22	2,156258E+22	1,823359E+22	1,486591E+22	1,270827E+22	1,270828E+22	1,486592E+22	1,823361E+22
1860	2,156264E+22	2,396069E+22	2,513158E+22	2,513186E+22	2,396103E+22	2,156289E+22	1,823404E+22	1,486648E+22	1,270879E+22	1,270856E+22	1,486588E+22	1,823338E+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	2,156269E+22	2,396159E+22	2,513309E+22	2,513307E+22	2,396172E+22	2,156305E+22	1,823379E+22	1,486629E+22	1,270896E+22	1,270909E+22	1,486660E+22	1,823397E+22
1862	2,156272E+22	2,396097E+22	2,513206E+22	2,513173E+22	2,396042E+22	2,156239E+22	1,823380E+22	1,486670E+22	1,270948E+22	1,270951E+22	1,486677E+22	1,823383E+22
1863	2,156226E+22	2,396022E+22	2,513155E+22	2,513194E+22	2,396102E+22	2,156305E+22	1,823440E+22	1,486709E+22	1,270976E+22	1,270968E+22	1,486686E+22	1,823405E+22
1864	2,156289E+22	2,396121E+22	2,513253E+22	2,513270E+22	2,396128E+22	2,156266E+22	1,823386E+22	1,486686E+22	1,270986E+22	1,271005E+22	1,486734E+22	1,823439E+22
1865	2,156286E+22	2,396066E+22	2,513114E+22	2,513083E+22	2,396009E+22	2,156245E+22	1,823414E+22	1,486726E+22	1,271015E+22	1,271010E+22	1,486716E+22	1,823409E+22
1866	2,156258E+22	2,396073E+22	2,513205E+22	2,513207E+22	2,396098E+22	2,156304E+22	1,823446E+22	1,486736E+22	1,271020E+22	1,271012E+22	1,486715E+22	1,823420E+22
1867	2,156300E+22	2,396131E+22	2,513253E+22	2,513232E+22	2,396064E+22	2,156228E+22	1,823393E+22	1,486719E+22	1,271021E+22	1,271025E+22	1,486727E+22	1,823405E+22
1868	2,156239E+22	2,396026E+22	2,513117E+22	2,513136E+22	2,396060E+22	2,156261E+22	1,823417E+22	1,486733E+22	1,271021E+22	1,271005E+22	1,486696E+22	1,823376E+22
1869	2,156229E+22	2,396077E+22	2,513247E+22	2,513273E+22	2,396165E+22	2,156324E+22	1,823415E+22	1,486686E+22	1,270975E+22	1,270990E+22	1,486722E+22	1,823434E+22
1870	2,156278E+22	2,396067E+22	2,513174E+22	2,513164E+22	2,396044E+22	2,156248E+22	1,823401E+22	1,486691E+22	1,270966E+22	1,270966E+22	1,486692E+22	1,823402E+22
1871	2,156248E+22	2,396021E+22	2,513113E+22	2,513142E+22	2,396074E+22	2,156295E+22	1,823441E+22	1,486705E+22	1,270949E+22	1,270924E+22	1,486641E+22	1,823375E+22
1872	2,156285E+22	2,396145E+22	2,513275E+22	2,513270E+22	2,396137E+22	2,156274E+22	1,823373E+22	1,486643E+22	1,270915E+22	1,270922E+22	1,486662E+22	1,823397E+22
1873	2,156284E+22	2,396109E+22	2,513189E+22	2,513132E+22	2,396013E+22	2,156222E+22	1,823361E+22	1,486638E+22	1,270902E+22	1,270899E+22	1,486634E+22	1,823362E+22
1874	2,156238E+22	2,396072E+22	2,513229E+22	2,513251E+22	2,396124E+22	2,156291E+22	1,823391E+22	1,486635E+22	1,270887E+22	1,270879E+22	1,486618E+22	1,823371E+22
1875	2,156288E+22	2,396143E+22	2,513285E+22	2,513299E+22	2,396143E+22	2,156255E+22	1,823344E+22	1,486604E+22	1,270872E+22	1,270887E+22	1,486643E+22	1,823386E+22
1876	2,156264E+22	2,396065E+22	2,513144E+22	2,513147E+22	2,396079E+22	2,156269E+22	1,823378E+22	1,486634E+22	1,270884E+22	1,270875E+22	1,486614E+22	1,823356E+22
1877	2,156248E+22	2,396097E+22	2,513255E+22	2,513270E+22	2,396165E+22	2,156333E+22	1,823409E+22	1,486639E+22	1,270888E+22	1,270890E+22	1,486642E+22	1,823400E+22
1878	2,156296E+22	2,396119E+22	2,513232E+22	2,513205E+22	2,396054E+22	2,156238E+22	1,823384E+22	1,486667E+22	1,270934E+22	1,270934E+22	1,486662E+22	1,823380E+22
1879	2,156244E+22	2,396038E+22	2,513131E+22	2,513139E+22	2,396049E+22	2,156263E+22	1,823427E+22	1,486718E+22	1,270982E+22	1,270960E+22	1,486659E+22	1,823358E+22
1880	2,156236E+22	2,396096E+22	2,513256E+22	2,513273E+22	2,396150E+22	2,156287E+22	1,823391E+22	1,486692E+22	1,270998E+22	1,271015E+22	1,486734E+22	1,823426E+22
1881	2,156266E+22	2,396062E+22	2,513147E+22	2,513111E+22	2,396000E+22	2,156221E+22	1,823389E+22	1,486715E+22	1,271029E+22	1,271044E+22	1,486753E+22	1,823427E+22
1882	2,156237E+22	2,396001E+22	2,513113E+22	2,513142E+22	2,396058E+22	2,156281E+22	1,823452E+22	1,486767E+22	1,271062E+22	1,271050E+22	1,486741E+22	1,823428E+22
1883	2,156287E+22	2,396099E+22	2,513211E+22	2,513214E+22	2,396085E+22	2,156251E+22	1,823412E+22	1,486755E+22	1,271076E+22	1,271087E+22	1,486783E+22	1,823451E+22
1884	2,156273E+22	2,396044E+22	2,513104E+22	2,513066E+22	2,395974E+22	2,156219E+22	1,823425E+22	1,486785E+22	1,271101E+22	1,271088E+22	1,486756E+22	1,823403E+22
1885	2,156221E+22	2,396032E+22	2,513186E+22	2,513205E+22	2,396094E+22	2,156297E+22	1,823460E+22	1,486787E+22	1,271097E+22	1,271093E+22	1,486774E+22	1,823433E+22
1886	2,156261E+22	2,396067E+22	2,513192E+22	2,513190E+22	2,396049E+22	2,156232E+22	1,823415E+22	1,486773E+22	1,271102E+22	1,271111E+22	1,486793E+22	1,823432E+22
1887	2,156222E+22	2,395979E+22	2,513062E+22	2,513074E+22	2,396019E+22	2,156268E+22	1,823457E+22	1,486792E+22	1,271095E+22	1,271078E+22	1,486749E+22	1,823399E+22
1888	2,156217E+22	2,396028E+22	2,513184E+22	2,513217E+22	2,396129E+22	2,156317E+22	1,823446E+22	1,486753E+22	1,271058E+22	1,271063E+22	1,486764E+22	1,823449E+22
1889	2,156288E+22	2,396064E+22	2,513135E+22	2,513098E+22	2,395982E+22	2,156213E+22	1,823404E+22	1,486737E+22	1,271041E+22	1,271041E+22	1,486740E+22	1,823421E+22
1890	2,156251E+22	2,396018E+22	2,513106E+22	2,513114E+22	2,396025E+22	2,156251E+22	1,823433E+22	1,486752E+22	1,271030E+22	1,271002E+22	1,486689E+22	1,823382E+22
1891	2,156264E+22	2,396116E+22	2,513255E+22	2,513251E+22	2,396113E+22	2,156251E+22	1,823376E+22	1,486690E+22	1,270991E+22	1,271002E+22	1,486720E+22	1,823416E+22
1892	2,156262E+22	2,396065E+22	2,513167E+22	2,513129E+22	2,396004E+22	2,156208E+22	1,823361E+22	1,486673E+22	1,270967E+22	1,270969E+22	1,486685E+22	1,823382E+22
1893	2,156221E+22	2,396025E+22	2,513187E+22	2,513230E+22	2,396126E+22	2,156307E+22	1,823417E+22	1,486679E+22	1,270946E+22	1,270946E+22	1,486676E+22	1,823401E+22
1894	2,156282E+22	2,396102E+22	2,513222E+22	2,513233E+22	2,396105E+22	2,156258E+22	1,823380E+22	1,486670E+22	1,270954E+22	1,270964E+22	1,486694E+22	1,823405E+22
1895	2,156261E+22	2,396046E+22	2,513108E+22	2,513080E+22	2,396016E+22	2,156256E+22	1,823415E+22	1,486712E+22	1,270982E+22	1,270961E+22	1,486660E+22	1,823357E+22
1896	2,156219E+22	2,396053E+22	2,513215E+22	2,513232E+22	2,396127E+22	2,156312E+22	1,823432E+22	1,486716E+22	1,270998E+22	1,270992E+22	1,486697E+22	1,823399E+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												
1897	2,156271E+22	2,396086E+22	2,513191E+22	2,513159E+22	2,396008E+22	2,156203E+22	1,823382E+22	1,486719E+22	1,271031E+22	1,271041E+22	1,486741E+22	1,823408E+22
1898	2,156224E+22	2,395992E+22	2,513087E+22	2,513105E+22	2,396019E+22	2,156237E+22	1,823427E+22	1,486772E+22	1,271076E+22	1,271059E+22	1,486735E+22	1,823393E+22
1899	2,156223E+22	2,396043E+22	2,513189E+22	2,513214E+22	2,396115E+22	2,156283E+22	1,823420E+22	1,486755E+22	1,271085E+22	1,271105E+22	1,486805E+22	1,823465E+22
1900	2,156269E+22	2,396029E+22	2,513108E+22	2,513072E+22	2,395960E+22	2,156202E+22	1,823410E+22	1,486776E+22	1,271112E+22	1,271120E+22	1,486801E+22	1,823445E+22
1901	2,156235E+22	2,395985E+22	2,513089E+22	2,513112E+22	2,396033E+22	2,156275E+22	1,823476E+22	1,486827E+22	1,271144E+22	1,271131E+22	1,486796E+22	1,823441E+22
1902	2,156269E+22	2,396071E+22	2,513177E+22	2,513167E+22	2,396043E+22	2,156239E+22	1,823438E+22	1,486824E+22	1,271174E+22	1,271182E+22	1,486842E+22	1,823460E+22
1903	2,156247E+22	2,396011E+22	2,513081E+22	2,513035E+22	2,395942E+22	2,156211E+22	1,823451E+22	1,486851E+22	1,271195E+22	1,271180E+22	1,486816E+22	1,823413E+22
1904	2,156183E+22	2,395963E+22	2,513127E+22	2,513178E+22	2,396086E+22	2,156300E+22	1,823482E+22	1,486847E+22	1,271188E+22	1,271183E+22	1,486831E+22	1,823451E+22
1905	2,156253E+22	2,396026E+22	2,513124E+22	2,513124E+22	2,396006E+22	2,156221E+22	1,823432E+22	1,486819E+22	1,271175E+22	1,271191E+22	1,486857E+22	1,823469E+22
1906	2,156231E+22	2,395959E+22	2,513021E+22	2,513019E+22	2,395964E+22	2,156235E+22	1,823467E+22	1,486848E+22	1,271172E+22	1,271148E+22	1,486796E+22	1,823419E+22
1907	2,156218E+22	2,396012E+22	2,513146E+22	2,513159E+22	2,396070E+22	2,156289E+22	1,823460E+22	1,486809E+22	1,271137E+22	1,271137E+22	1,486810E+22	1,823460E+22
1908	2,156277E+22	2,396049E+22	2,513135E+22	2,513091E+22	2,395945E+22	2,156176E+22	1,823399E+22	1,486775E+22	1,271110E+22	1,271110E+22	1,486781E+22	1,823422E+22
1909	2,156227E+22	2,395992E+22	2,513097E+22	2,513121E+22	2,396027E+22	2,156240E+22	1,823429E+22	1,486778E+22	1,271087E+22	1,271073E+22	1,486745E+22	1,823397E+22
1910	2,156235E+22	2,396063E+22	2,513201E+22	2,513216E+22	2,396102E+22	2,156261E+22	1,823396E+22	1,486733E+22	1,271060E+22	1,271077E+22	1,486777E+22	1,823440E+22
1911	2,156250E+22	2,396026E+22	2,513121E+22	2,513083E+22	2,395979E+22	2,156225E+22	1,823402E+22	1,486732E+22	1,271038E+22	1,271036E+22	1,486728E+22	1,823395E+22
1912	2,156205E+22	2,395976E+22	2,513124E+22	2,513181E+22	2,396098E+22	2,156309E+22	1,823457E+22	1,486754E+22	1,271038E+22	1,271023E+22	1,486712E+22	1,823402E+22
1913	2,156276E+22	2,396084E+22	2,513175E+22	2,513166E+22	2,396045E+22	2,156235E+22	1,823400E+22	1,486734E+22	1,271047E+22	1,271056E+22	1,486753E+22	1,823420E+22
1914	2,156248E+22	2,396024E+22	2,513086E+22	2,513045E+22	2,395959E+22	2,156211E+22	1,823421E+22	1,486778E+22	1,271084E+22	1,271060E+22	1,486726E+22	1,823372E+22
1915	2,156191E+22	2,396006E+22	2,513166E+22	2,513190E+22	2,396087E+22	2,156286E+22	1,823441E+22	1,486777E+22	1,271098E+22	1,271099E+22	1,486777E+22	1,823432E+22
1916	2,156252E+22	2,396034E+22	2,513148E+22	2,513133E+22	2,395981E+22	2,156183E+22	1,823383E+22	1,486762E+22	1,271113E+22	1,271132E+22	1,486813E+22	1,823445E+22
1917	2,156224E+22	2,395956E+22	2,513038E+22	2,513067E+22	2,395998E+22	2,156237E+22	1,823446E+22	1,486816E+22	1,271146E+22	1,271141E+22	1,486805E+22	1,823431E+22
1918	2,156230E+22	2,396018E+22	2,513134E+22	2,513147E+22	2,396062E+22	2,156272E+22	1,823452E+22	1,486826E+22	1,271176E+22	1,271190E+22	1,486859E+22	1,823487E+22
1919	2,156271E+22	2,396023E+22	2,513090E+22	2,513026E+22	2,395908E+22	2,156188E+22	1,823442E+22	1,486851E+22	1,271210E+22	1,271206E+22	1,486844E+22	1,823440E+22
1920	2,156203E+22	2,395947E+22	2,513063E+22	2,513096E+22	2,396012E+22	2,156265E+22	1,823502E+22	1,486901E+22	1,271249E+22	1,271228E+22	1,486843E+22	1,823431E+22
1921	2,156235E+22	2,396032E+22	2,513137E+22	2,513134E+22	2,396015E+22	2,156224E+22	1,823448E+22	1,486876E+22	1,271265E+22	1,271281E+22	1,486914E+22	1,823480E+22
1922	2,156217E+22	2,395957E+22	2,513031E+22	2,513002E+22	2,395917E+22	2,156198E+22	1,823467E+22	1,486909E+22	1,271283E+22	1,271269E+22	1,486883E+22	1,823441E+22
1923	2,156166E+22	2,395906E+22	2,513049E+22	2,513113E+22	2,396049E+22	2,156298E+22	1,823515E+22	1,486910E+22	1,271270E+22	1,271266E+22	1,486895E+22	1,823484E+22
1924	2,156250E+22	2,395992E+22	2,513080E+22	2,513078E+22	2,395957E+22	2,156192E+22	1,823442E+22	1,486869E+22	1,271248E+22	1,271261E+22	1,486903E+22	1,823488E+22
1925	2,156233E+22	2,395950E+22	2,512997E+22	2,512987E+22	2,395930E+22	2,156215E+22	1,823474E+22	1,486887E+22	1,271236E+22	1,271219E+22	1,486849E+22	1,823435E+22
1926	2,156208E+22	2,395995E+22	2,513122E+22	2,513123E+22	2,396024E+22	2,156262E+22	1,823468E+22	1,486856E+22	1,271212E+22	1,271215E+22	1,486864E+22	1,823475E+22
1927	2,156259E+22	2,396024E+22	2,513117E+22	2,513074E+22	2,395924E+22	2,156166E+22	1,823408E+22	1,486817E+22	1,271179E+22	1,271182E+22	1,486830E+22	1,823432E+22
1928	2,156198E+22	2,395939E+22	2,513047E+22	2,513103E+22	2,396031E+22	2,156255E+22	1,823453E+22	1,486824E+22	1,271157E+22	1,271143E+22	1,486788E+22	1,823410E+22
1929	2,156231E+22	2,396033E+22	2,513142E+22	2,513156E+22	2,396064E+22	2,156260E+22	1,823421E+22	1,486780E+22	1,271126E+22	1,271146E+22	1,486827E+22	1,823463E+22
1930	2,156252E+22	2,396008E+22	2,513081E+22	2,513035E+22	2,395927E+22	2,156198E+22	1,823425E+22	1,486801E+22	1,271125E+22	1,271109E+22	1,486770E+22	1,823403E+22
1931	2,156192E+22	2,395949E+22	2,513076E+22	2,513124E+22	2,396043E+22	2,156285E+22	1,823481E+22	1,486825E+22	1,271135E+22	1,271114E+22	1,486766E+22	1,823408E+22
1932	2,156244E+22	2,396045E+22	2,513155E+22	2,513149E+22	2,396002E+22	2,156195E+22	1,823400E+22	1,486786E+22	1,271137E+22	1,271149E+22	1,486814E+22	1,823431E+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												
1933	2,156218E+22	2,395982E+22	2,513053E+22	2,513032E+22	2,395946E+22	2,156197E+22	1,823422E+22	1,486816E+22	1,271161E+22	1,271156E+22	1,486806E+22	1,823402E+22
1934	2,156169E+22	2,395954E+22	2,513102E+22	2,513134E+22	2,396050E+22	2,156282E+22	1,823466E+22	1,486834E+22	1,271184E+22	1,271193E+22	1,486853E+22	1,823472E+22
1935	2,156253E+22	2,396004E+22	2,513098E+22	2,513078E+22	2,395944E+22	2,156185E+22	1,823419E+22	1,486828E+22	1,271200E+22	1,271216E+22	1,486869E+22	1,823468E+22
1936	2,156220E+22	2,395927E+22	2,512990E+22	2,513024E+22	2,395971E+22	2,156235E+22	1,823481E+22	1,486893E+22	1,271246E+22	1,271228E+22	1,486848E+22	1,823438E+22
1937	2,156228E+22	2,396008E+22	2,513099E+22	2,513093E+22	2,396009E+22	2,156251E+22	1,823474E+22	1,486893E+22	1,271276E+22	1,271288E+22	1,486921E+22	1,823499E+22
1938	2,156252E+22	2,396000E+22	2,513075E+22	2,513011E+22	2,395869E+22	2,156153E+22	1,823457E+22	1,486925E+22	1,271315E+22	1,271306E+22	1,486908E+22	1,823450E+22
1939	2,156165E+22	2,395890E+22	2,513007E+22	2,513060E+22	2,395988E+22	2,156253E+22	1,823521E+22	1,486967E+22	1,271349E+22	1,271333E+22	1,486920E+22	1,823456E+22
1940	2,156199E+22	2,395967E+22	2,513085E+22	2,513104E+22	2,395993E+22	2,156216E+22	1,823462E+22	1,486922E+22	1,271342E+22	1,271367E+22	1,486982E+22	1,823515E+22
1941	2,156214E+22	2,395918E+22	2,512974E+22	2,512954E+22	2,395888E+22	2,156193E+22	1,823487E+22	1,486949E+22	1,271345E+22	1,271344E+22	1,486947E+22	1,823475E+22
1942	2,156170E+22	2,395883E+22	2,512990E+22	2,513033E+22	2,395981E+22	2,156273E+22	1,823540E+22	1,486972E+22	1,271351E+22	1,271340E+22	1,486944E+22	1,823506E+22
1943	2,156255E+22	2,395991E+22	2,513059E+22	2,513033E+22	2,395908E+22	2,156169E+22	1,823455E+22	1,486923E+22	1,271325E+22	1,271331E+22	1,486940E+22	1,823486E+22
1944	2,156210E+22	2,395925E+22	2,512979E+22	2,512978E+22	2,395913E+22	2,156197E+22	1,823480E+22	1,486934E+22	1,271312E+22	1,271292E+22	1,486885E+22	1,823433E+22
1945	2,156187E+22	2,395967E+22	2,513090E+22	2,513097E+22	2,396002E+22	2,156247E+22	1,823472E+22	1,486890E+22	1,271277E+22	1,271289E+22	1,486920E+22	1,823495E+22
1946	2,156240E+22	2,395986E+22	2,513083E+22	2,513055E+22	2,395906E+22	2,156157E+22	1,823427E+22	1,486867E+22	1,271245E+22	1,271247E+22	1,486876E+22	1,823448E+22
1947	2,156181E+22	2,395893E+22	2,512982E+22	2,513049E+22	2,396001E+22	2,156258E+22	1,823491E+22	1,486888E+22	1,271234E+22	1,271215E+22	1,486835E+22	1,823423E+22
1948	2,156210E+22	2,395998E+22	2,513105E+22	2,513117E+22	2,396024E+22	2,156241E+22	1,823441E+22	1,486836E+22	1,271204E+22	1,271217E+22	1,486868E+22	1,823469E+22
1949	2,156238E+22	2,395989E+22	2,513053E+22	2,513000E+22	2,395893E+22	2,156179E+22	1,823439E+22	1,486849E+22	1,271204E+22	1,271197E+22	1,486833E+22	1,823416E+22
1950	2,156167E+22	2,395915E+22	2,513035E+22	2,513074E+22	2,395990E+22	2,156254E+22	1,823497E+22	1,486889E+22	1,271232E+22	1,271214E+22	1,486839E+22	1,823435E+22
1951	2,156225E+22	2,396007E+22	2,513113E+22	2,513115E+22	2,395977E+22	2,156181E+22	1,823410E+22	1,486839E+22	1,271226E+22	1,271244E+22	1,486885E+22	1,823460E+22
1952	2,156200E+22	2,395930E+22	2,512995E+22	2,512997E+22	2,395935E+22	2,156202E+22	1,823446E+22	1,486870E+22	1,271245E+22	1,271243E+22	1,486867E+22	1,823435E+22
1953	2,156181E+22	2,395934E+22	2,513047E+22	2,513067E+22	2,395997E+22	2,156265E+22	1,823489E+22	1,486890E+22	1,271266E+22	1,271278E+22	1,486918E+22	1,823507E+22
1954	2,156262E+22	2,395997E+22	2,513070E+22	2,513035E+22	2,395891E+22	2,156152E+22	1,823443E+22	1,486904E+22	1,271297E+22	1,271301E+22	1,486918E+22	1,823477E+22
1955	2,156203E+22	2,395905E+22	2,512958E+22	2,512984E+22	2,395930E+22	2,156217E+22	1,823509E+22	1,486969E+22	1,271353E+22	1,271329E+22	1,486907E+22	1,823439E+22
1956	2,156184E+22	2,395964E+22	2,513082E+22	2,513084E+22	2,395981E+22	2,156223E+22	1,823483E+22	1,486950E+22	1,271370E+22	1,271385E+22	1,486983E+22	1,823507E+22
1957	2,156214E+22	2,395945E+22	2,513029E+22	2,512992E+22	2,395867E+22	2,156153E+22	1,823473E+22	1,486971E+22	1,271397E+22	1,271404E+22	1,486988E+22	1,823478E+22
1958	2,156137E+22	2,395827E+22	2,512929E+22	2,512991E+22	2,395950E+22	2,156253E+22	1,823557E+22	1,487031E+22	1,271436E+22	1,271423E+22	1,486992E+22	1,823496E+22
1959	2,156195E+22	2,395925E+22	2,513017E+22	2,513034E+22	2,395949E+22	2,156209E+22	1,823494E+22	1,486988E+22	1,271425E+22	1,271443E+22	1,487033E+22	1,823537E+22
1960	2,156210E+22	2,395892E+22	2,512926E+22	2,512902E+22	2,395850E+22	2,156181E+22	1,823513E+22	1,487013E+22	1,271430E+22	1,271418E+22	1,486986E+22	1,823487E+22
1961	2,156176E+22	2,395882E+22	2,512966E+22	2,512978E+22	2,395916E+22	2,156233E+22	1,823545E+22	1,487021E+22	1,271429E+22	1,271421E+22	1,486998E+22	1,823521E+22
1962	2,156244E+22	2,395980E+22	2,513056E+22	2,513024E+22	2,395872E+22	2,156125E+22	1,823456E+22	1,486975E+22	1,271403E+22	1,271407E+22	1,486990E+22	1,823496E+22
1963	2,156182E+22	2,395884E+22	2,512942E+22	2,512958E+22	2,395906E+22	2,156190E+22	1,823490E+22	1,486977E+22	1,271385E+22	1,271370E+22	1,486943E+22	1,823450E+22
1964	2,156155E+22	2,395916E+22	2,513053E+22	2,513076E+22	2,395989E+22	2,156243E+22	1,823485E+22	1,486925E+22	1,271332E+22	1,271350E+22	1,486966E+22	1,823515E+22
1965	2,156232E+22	2,395955E+22	2,513039E+22	2,513019E+22	2,395891E+22	2,156159E+22	1,823453E+22	1,486909E+22	1,271302E+22	1,271310E+22	1,486924E+22	1,823464E+22
1966	2,156170E+22	2,395868E+22	2,512933E+22	2,512978E+22	2,395943E+22	2,156240E+22	1,823523E+22	1,486957E+22	1,271319E+22	1,271291E+22	1,486882E+22	1,823435E+22
1967	2,156193E+22	2,395974E+22	2,513074E+22	2,513074E+22	2,395985E+22	2,156221E+22	1,823459E+22	1,486898E+22	1,271293E+22	1,271301E+22	1,486916E+22	1,823470E+22
1968	2,156203E+22	2,395947E+22	2,513020E+22	2,512980E+22	2,395879E+22	2,156164E+22	1,823451E+22	1,486905E+22	1,271293E+22	1,271287E+22	1,486890E+22	1,823433E+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												
1969	2,156151E+22	2,395875E+22	2,512985E+22	2,513026E+22	2,395953E+22	2,156231E+22	1,823502E+22	1,486935E+22	1,271314E+22	1,271309E+22	1,486918E+22	1,823476E+22
1970	2,156221E+22	2,395972E+22	2,513070E+22	2,513075E+22	2,395942E+22	2,156161E+22	1,823433E+22	1,486901E+22	1,271308E+22	1,271326E+22	1,486949E+22	1,823495E+22
1971	2,156199E+22	2,395897E+22	2,512938E+22	2,512939E+22	2,395897E+22	2,156192E+22	1,823478E+22	1,486940E+22	1,271336E+22	1,271330E+22	1,486926E+22	1,823457E+22
1972	2,156167E+22	2,395911E+22	2,513024E+22	2,513030E+22	2,395955E+22	2,156242E+22	1,823508E+22	1,486952E+22	1,271354E+22	1,271361E+22	1,486968E+22	1,823517E+22
1973	2,156249E+22	2,395981E+22	2,513054E+22	2,513014E+22	2,395868E+22	2,156136E+22	1,823460E+22	1,486959E+22	1,271385E+22	1,271397E+22	1,486983E+22	1,823483E+22
1974	2,156167E+22	2,395861E+22	2,512916E+22	2,512938E+22	2,395888E+22	2,156197E+22	1,823535E+22	1,487043E+22	1,271458E+22	1,271434E+22	1,486982E+22	1,823461E+22
1975	2,156150E+22	2,395903E+22	2,513023E+22	2,513045E+22	2,395970E+22	2,156225E+22	1,823505E+22	1,487012E+22	1,271465E+22	1,271481E+22	1,487052E+22	1,823531E+22
1976	2,156190E+22	2,395885E+22	2,512957E+22	2,512940E+22	2,395850E+22	2,156161E+22	1,823506E+22	1,487034E+22	1,271484E+22	1,271489E+22	1,487047E+22	1,823513E+22
1977	2,156149E+22	2,395801E+22	2,512864E+22	2,512905E+22	2,395880E+22	2,156224E+22	1,823579E+22	1,487094E+22	1,271521E+22	1,271506E+22	1,487054E+22	1,823531E+22
1978	2,156208E+22	2,395921E+22	2,512994E+22	2,512983E+22	2,395883E+22	2,156162E+22	1,823508E+22	1,487056E+22	1,271512E+22	1,271520E+22	1,487078E+22	1,823546E+22
1979	2,156198E+22	2,395875E+22	2,512906E+22	2,512869E+22	2,395808E+22	2,156150E+22	1,823521E+22	1,487068E+22	1,271517E+22	1,271503E+22	1,487037E+22	1,823487E+22
1980	2,156137E+22	2,395850E+22	2,512966E+22	2,512980E+22	2,395897E+22	2,156202E+22	1,823536E+22	1,487054E+22	1,271496E+22	1,271495E+22	1,487049E+22	1,823530E+22
1981	2,156216E+22	2,395939E+22	2,513028E+22	2,513017E+22	2,395885E+22	2,156132E+22	1,823463E+22	1,487000E+22	1,271459E+22	1,271479E+22	1,487047E+22	1,823513E+22
1982	2,156157E+22	2,395833E+22	2,512884E+22	2,512904E+22	2,395883E+22	2,156200E+22	1,823527E+22	1,487035E+22	1,271455E+22	1,271439E+22	1,486994E+22	1,823475E+22
1983	2,156146E+22	2,395874E+22	2,512994E+22	2,513022E+22	2,395969E+22	2,156248E+22	1,823519E+22	1,486988E+22	1,271408E+22	1,271414E+22	1,487002E+22	1,823521E+22
1984	2,156216E+22	2,395922E+22	2,512993E+22	2,512972E+22	2,395866E+22	2,156158E+22	1,823485E+22	1,486976E+22	1,271388E+22	1,271383E+22	1,486962E+22	1,823474E+22
1985	2,156166E+22	2,395849E+22	2,512900E+22	2,512916E+22	2,395878E+22	2,156201E+22	1,823534E+22	1,487015E+22	1,271407E+22	1,271382E+22	1,486949E+22	1,823460E+22
1986	2,156180E+22	2,395945E+22	2,513051E+22	2,513045E+22	2,395939E+22	2,156177E+22	1,823464E+22	1,486958E+22	1,271381E+22	1,271392E+22	1,486984E+22	1,823497E+22
1987	2,156185E+22	2,395900E+22	2,512971E+22	2,512943E+22	2,395860E+22	2,156154E+22	1,823461E+22	1,486953E+22	1,271377E+22	1,271380E+22	1,486965E+22	1,823468E+22
1988	2,156137E+22	2,395838E+22	2,512951E+22	2,512988E+22	2,395920E+22	2,156211E+22	1,823507E+22	1,486972E+22	1,271379E+22	1,271382E+22	1,486976E+22	1,823511E+22
1989	2,156231E+22	2,395956E+22	2,513033E+22	2,513031E+22	2,395914E+22	2,156152E+22	1,823452E+22	1,486948E+22	1,271379E+22	1,271401E+22	1,487000E+22	1,823512E+22
1990	2,156194E+22	2,395882E+22	2,512906E+22	2,512882E+22	2,395844E+22	2,156172E+22	1,823509E+22	1,487016E+22	1,271433E+22	1,271416E+22	1,486975E+22	1,823464E+22
1991	2,156144E+22	2,395879E+22	2,512994E+22	2,513001E+22	2,395931E+22	2,156226E+22	1,823528E+22	1,487023E+22	1,271455E+22	1,271454E+22	1,487016E+22	1,823509E+22
1992	2,156201E+22	2,395925E+22	2,513015E+22	2,512995E+22	2,395866E+22	2,156139E+22	1,823488E+22	1,487030E+22	1,271487E+22	1,271494E+22	1,487044E+22	1,823499E+22
1993	2,156139E+22	2,395803E+22	2,512855E+22	2,512876E+22	2,395848E+22	2,156186E+22	1,823557E+22	1,487105E+22	1,271554E+22	1,271539E+22	1,487064E+22	1,823501E+22
1994	2,156139E+22	2,395851E+22	2,512961E+22	2,512985E+22	2,395922E+22	2,156206E+22	1,823538E+22	1,487088E+22	1,271559E+22	1,271572E+22	1,487118E+22	1,823564E+22
1995	2,156186E+22	2,395845E+22	2,512893E+22	2,512871E+22	2,395803E+22	2,156145E+22	1,823533E+22	1,487106E+22	1,271581E+22	1,271582E+22	1,487109E+22	1,823535E+22
1996	2,156139E+22	2,395783E+22	2,512844E+22	2,512861E+22	2,395823E+22	2,156183E+22	1,823580E+22	1,487144E+22	1,271603E+22	1,271588E+22	1,487107E+22	1,823548E+22
1997	2,156203E+22	2,395911E+22	2,512985E+22	2,512963E+22	2,395854E+22	2,156136E+22	1,823510E+22	1,487095E+22	1,271587E+22	1,271605E+22	1,487136E+22	1,823557E+22
1998	2,156172E+22	2,395841E+22	2,512883E+22	2,512844E+22	2,395781E+22	2,156130E+22	1,823531E+22	1,487120E+22	1,271597E+22	1,271586E+22	1,487098E+22	1,823510E+22
1999	2,156114E+22	2,395799E+22	2,512919E+22	2,512960E+22	2,395906E+22	2,156213E+22	1,823552E+22	1,487095E+22	1,271562E+22	1,271563E+22	1,487096E+22	1,823545E+22
2000	2,156197E+22	2,395891E+22	2,512972E+22	2,512980E+22	2,395885E+22	2,156157E+22	1,823501E+22	1,487053E+22	1,271523E+22	1,271537E+22	1,487084E+22	1,823534E+22
2001	2,156163E+22	2,395808E+22	2,512831E+22	2,512828E+22	2,395822E+22	2,156182E+22	1,823555E+22	1,487096E+22	1,271532E+22	1,271509E+22	1,487042E+22	1,823497E+22
2002	2,156147E+22	2,395857E+22	2,512966E+22	2,512975E+22	2,395909E+22	2,156213E+22	1,823540E+22	1,487058E+22	1,271494E+22	1,271489E+22	1,487042E+22	1,823524E+22
2003	2,156195E+22	2,395891E+22	2,512963E+22	2,512934E+22	2,395823E+22	2,156128E+22	1,823493E+22	1,487034E+22	1,271478E+22	1,271474E+22	1,487021E+22	1,823481E+22
2004	2,156128E+22	2,395810E+22	2,512884E+22	2,512899E+22	2,395846E+22	2,156164E+22	1,823521E+22	1,487049E+22	1,271478E+22	1,271464E+22	1,487012E+22	1,823486E+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	2,156168E+22	2,395908E+22	2,513016E+22	2,513020E+22	2,395928E+22	2,156171E+22	1,823466E+22	1,486986E+22	1,271444E+22	1,271470E+22	1,487048E+22	1,823526E+22
2006	2,156176E+22	2,395859E+22	2,512917E+22	2,512884E+22	2,395818E+22	2,156147E+22	1,823490E+22	1,487012E+22	1,271453E+22	1,271455E+22	1,487020E+22	1,823497E+22
2007	2,156138E+22	2,395809E+22	2,512902E+22	2,512943E+22	2,395899E+22	2,156209E+22	1,823534E+22	1,487036E+22	1,271462E+22	1,271454E+22	1,487013E+22	1,823513E+22
2008	2,156216E+22	2,395934E+22	2,513003E+22	2,512994E+22	2,395894E+22	2,156155E+22	1,823485E+22	1,487021E+22	1,271474E+22	1,271483E+22	1,487042E+22	1,823516E+22
2009	2,156177E+22	2,395853E+22	2,512878E+22	2,512834E+22	2,395789E+22	2,156142E+22	1,823529E+22	1,487090E+22	1,271541E+22	1,271523E+22	1,487047E+22	1,823483E+22
2010	2,156116E+22	2,395828E+22	2,512957E+22	2,512975E+22	2,395897E+22	2,156199E+22	1,823549E+22	1,487100E+22	1,271562E+22	1,271560E+22	1,487090E+22	1,823530E+22
2011	2,156167E+22	2,395855E+22	2,512945E+22	2,512945E+22	2,395843E+22	2,156139E+22	1,823513E+22	1,487096E+22	1,271590E+22	1,271605E+22	1,487128E+22	1,823533E+22
2012	2,156119E+22	2,395754E+22	2,512803E+22	2,512816E+22	2,395797E+22	2,156163E+22	1,823572E+22	1,487158E+22	1,271635E+22	1,271626E+22	1,487134E+22	1,823543E+22
2013	2,156152E+22	2,395833E+22	2,512916E+22	2,512926E+22	2,395871E+22	2,156184E+22	1,823552E+22	1,487139E+22	1,271641E+22	1,271658E+22	1,487176E+22	1,823585E+22
2014	2,156185E+22	2,395831E+22	2,512863E+22	2,512815E+22	2,395742E+22	2,156113E+22	1,823550E+22	1,487172E+22	1,271675E+22	1,271671E+22	1,487164E+22	1,823550E+22
2015	2,156127E+22	2,395760E+22	2,512821E+22	2,512846E+22	2,395808E+22	2,156162E+22	1,823581E+22	1,487193E+22	1,271686E+22	1,271670E+22	1,487153E+22	1,823547E+22
2016	2,156170E+22	2,395869E+22	2,512956E+22	2,512956E+22	2,395864E+22	2,156147E+22	1,823529E+22	1,487145E+22	1,271663E+22	1,271678E+22	1,487185E+22	1,823576E+22
2017	2,156155E+22	2,395795E+22	2,512836E+22	2,512802E+22	2,395754E+22	2,156130E+22	1,823555E+22	1,487171E+22	1,271669E+22	1,271664E+22	1,487159E+22	1,823541E+22
2018	2,156109E+22	2,395757E+22	2,512867E+22	2,512912E+22	2,395866E+22	2,156206E+22	1,823591E+22	1,487164E+22	1,271638E+22	1,271629E+22	1,487137E+22	1,823557E+22
2019	2,156185E+22	2,395854E+22	2,512917E+22	2,512923E+22	2,395847E+22	2,156155E+22	1,823534E+22	1,487121E+22	1,271610E+22	1,271615E+22	1,487130E+22	1,823539E+22
2020	2,156142E+22	2,395790E+22	2,512815E+22	2,512785E+22	2,395762E+22	2,156144E+22	1,823556E+22	1,487141E+22	1,271606E+22	1,271584E+22	1,487090E+22	1,823509E+22
2021	2,156136E+22	2,395838E+22	2,512944E+22	2,512945E+22	2,395870E+22	2,156181E+22	1,823536E+22	1,487095E+22	1,271569E+22	1,271574E+22	1,487100E+22	1,823536E+22
2022	2,156171E+22	2,395850E+22	2,512926E+22	2,512901E+22	2,395791E+22	2,156106E+22	1,823496E+22	1,487080E+22	1,271558E+22	1,271560E+22	1,487088E+22	1,823513E+22
2023	2,156119E+22	2,395763E+22	2,512829E+22	2,512872E+22	2,395842E+22	2,156161E+22	1,823524E+22	1,487083E+22	1,271543E+22	1,271534E+22	1,487064E+22	1,823511E+22
2024	2,156164E+22	2,395875E+22	2,512967E+22	2,512978E+22	2,395912E+22	2,156184E+22	1,823500E+22	1,487041E+22	1,271511E+22	1,271531E+22	1,487089E+22	1,823552E+22
2025	2,156187E+22	2,395845E+22	2,512881E+22	2,512824E+22	2,395757E+22	2,156124E+22	1,823515E+22	1,487078E+22	1,271540E+22	1,271534E+22	1,487069E+22	1,823513E+22
2026	2,156133E+22	2,395793E+22	2,512883E+22	2,512908E+22	2,395846E+22	2,156182E+22	1,823562E+22	1,487113E+22	1,271562E+22	1,271542E+22	1,487057E+22	1,823505E+22
2027	2,156177E+22	2,395889E+22	2,512969E+22	2,512968E+22	2,395869E+22	2,156146E+22	1,823508E+22	1,487092E+22	1,271583E+22	1,271592E+22	1,487109E+22	1,823517E+22
2028	2,156125E+22	2,395797E+22	2,512844E+22	2,512808E+22	2,395760E+22	2,156121E+22	1,823535E+22	1,487142E+22	1,271633E+22	1,271625E+22	1,487125E+22	1,823514E+22
2029	2,156098E+22	2,395771E+22	2,512891E+22	2,512927E+22	2,395874E+22	2,156200E+22	1,823568E+22	1,487151E+22	1,271651E+22	1,271661E+22	1,487167E+22	1,823566E+22
2030	2,156157E+22	2,395803E+22	2,512872E+22	2,512872E+22	2,395789E+22	2,156127E+22	1,823547E+22	1,487171E+22	1,271687E+22	1,271699E+22	1,487199E+22	1,823574E+22
2031	2,156127E+22	2,395724E+22	2,512743E+22	2,512763E+22	2,395760E+22	2,156145E+22	1,823588E+22	1,487221E+22	1,271726E+22	1,271710E+22	1,487185E+22	1,823558E+22
2032	2,156150E+22	2,395822E+22	2,512892E+22	2,512887E+22	2,395835E+22	2,156174E+22	1,823577E+22	1,487204E+22	1,271730E+22	1,271738E+22	1,487226E+22	1,823603E+22
2033	2,156178E+22	2,395813E+22	2,512844E+22	2,512780E+22	2,395689E+22	2,156078E+22	1,823559E+22	1,487231E+22	1,271766E+22	1,271765E+22	1,487230E+22	1,823573E+22
2034	2,156112E+22	2,395727E+22	2,512798E+22	2,512833E+22	2,395787E+22	2,156147E+22	1,823598E+22	1,487250E+22	1,271770E+22	1,271754E+22	1,487209E+22	1,823562E+22
2035	2,156145E+22	2,395818E+22	2,512901E+22	2,512920E+22	2,395854E+22	2,156161E+22	1,823556E+22	1,487197E+22	1,271741E+22	1,271760E+22	1,487243E+22	1,823591E+22
2036	2,156134E+22	2,395758E+22	2,512793E+22	2,512754E+22	2,395710E+22	2,156116E+22	1,823574E+22	1,487218E+22	1,271734E+22	1,271728E+22	1,487205E+22	1,823564E+22
2037	2,156112E+22	2,395739E+22	2,512825E+22	2,512863E+22	2,395822E+22	2,156187E+22	1,823604E+22	1,487212E+22	1,271711E+22	1,271700E+22	1,487175E+22	1,823558E+22
2038	2,156164E+22	2,395826E+22	2,512883E+22	2,512874E+22	2,395788E+22	2,156121E+22	1,823547E+22	1,487180E+22	1,271695E+22	1,271696E+22	1,487179E+22	1,823545E+22
2039	2,156117E+22	2,395752E+22	2,512780E+22	2,512771E+22	2,395745E+22	2,156119E+22	1,823551E+22	1,487180E+22	1,271679E+22	1,271661E+22	1,487138E+22	1,823513E+22
2040	2,156107E+22	2,395798E+22	2,512908E+22	2,512926E+22	2,395864E+22	2,156185E+22	1,823549E+22	1,487135E+22	1,271635E+22	1,271643E+22	1,487155E+22	1,823566E+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	2,156163E+22	2,395810E+22	2,512875E+22	2,512852E+22	2,395753E+22	2,156096E+22	1,823514E+22	1,487125E+22	1,271628E+22	1,271637E+22	1,487151E+22	1,823551E+22
2042	2,156127E+22	2,395737E+22	2,512785E+22	2,512830E+22	2,395802E+22	2,156151E+22	1,823556E+22	1,487145E+22	1,271619E+22	1,271603E+22	1,487106E+22	1,823523E+22
2043	2,156156E+22	2,395848E+22	2,512922E+22	2,512931E+22	2,395878E+22	2,156183E+22	1,823532E+22	1,487110E+22	1,271605E+22	1,271616E+22	1,487137E+22	1,823551E+22
2044	2,156160E+22	2,395828E+22	2,512869E+22	2,512793E+22	2,395707E+22	2,156094E+22	1,823527E+22	1,487135E+22	1,271628E+22	1,271623E+22	1,487126E+22	1,823524E+22
2045	2,156112E+22	2,395761E+22	2,512853E+22	2,512884E+22	2,395816E+22	2,156161E+22	1,823570E+22	1,487169E+22	1,271659E+22	1,271646E+22	1,487126E+22	1,823515E+22
2046	2,156137E+22	2,395827E+22	2,512912E+22	2,512928E+22	2,395840E+22	2,156136E+22	1,823529E+22	1,487158E+22	1,271685E+22	1,271701E+22	1,487192E+22	1,823555E+22
2047	2,156111E+22	2,395735E+22	2,512767E+22	2,512764E+22	2,395744E+22	2,156120E+22	1,823553E+22	1,487196E+22	1,271719E+22	1,271717E+22	1,487194E+22	1,823549E+22
2048	2,156100E+22	2,395739E+22	2,512826E+22	2,512860E+22	2,395833E+22	2,156201E+22	1,823607E+22	1,487220E+22	1,271736E+22	1,271739E+22	1,487225E+22	1,823604E+22
2049	2,156174E+22	2,395793E+22	2,512830E+22	2,512801E+22	2,395713E+22	2,156089E+22	1,823567E+22	1,487242E+22	1,271786E+22	1,271793E+22	1,487261E+22	1,823600E+22
2050	2,156132E+22	2,395720E+22	2,512730E+22	2,512729E+22	2,395701E+22	2,156106E+22	1,823604E+22	1,487288E+22	1,271823E+22	1,271802E+22	1,487236E+22	1,823558E+22
2051	2,156119E+22	2,395788E+22	2,512869E+22	2,512872E+22	2,395815E+22	2,156162E+22	1,823592E+22	1,487264E+22	1,271826E+22	1,271838E+22	1,487289E+22	1,823603E+22
2052	2,156135E+22	2,395772E+22	2,512824E+22	2,512769E+22	2,395671E+22	2,156064E+22	1,823563E+22	1,487269E+22	1,271838E+22	1,271846E+22	1,487292E+22	1,823595E+22
2053	2,156093E+22	2,395680E+22	2,512744E+22	2,512797E+22	2,395772E+22	2,156152E+22	1,823619E+22	1,487295E+22	1,271842E+22	1,271831E+22	1,487261E+22	1,823574E+22
2054	2,156122E+22	2,395768E+22	2,512837E+22	2,512861E+22	2,395815E+22	2,156160E+22	1,823594E+22	1,487265E+22	1,271823E+22	1,271835E+22	1,487291E+22	1,823609E+22
2055	2,156126E+22	2,395722E+22	2,512736E+22	2,512710E+22	2,395683E+22	2,156101E+22	1,823590E+22	1,487272E+22	1,271811E+22	1,271798E+22	1,487243E+22	1,823566E+22
2056	2,156097E+22	2,395718E+22	2,512791E+22	2,512821E+22	2,395784E+22	2,156175E+22	1,823628E+22	1,487269E+22	1,271787E+22	1,271771E+22	1,487224E+22	1,823576E+22
2057	2,156149E+22	2,395796E+22	2,512851E+22	2,512837E+22	2,395737E+22	2,156080E+22	1,823549E+22	1,487230E+22	1,271777E+22	1,271784E+22	1,487248E+22	1,823576E+22
2058	2,156107E+22	2,395719E+22	2,512746E+22	2,512746E+22	2,395718E+22	2,156100E+22	1,823559E+22	1,487220E+22	1,271749E+22	1,271738E+22	1,487197E+22	1,823538E+22
2059	2,156095E+22	2,395758E+22	2,512856E+22	2,512884E+22	2,395844E+22	2,156191E+22	1,823572E+22	1,487179E+22	1,271704E+22	1,271719E+22	1,487211E+22	1,823586E+22
2060	2,156157E+22	2,395797E+22	2,512844E+22	2,512807E+22	2,395706E+22	2,156075E+22	1,823528E+22	1,487168E+22	1,271689E+22	1,271698E+22	1,487195E+22	1,823573E+22
2061	2,156135E+22	2,395735E+22	2,512760E+22	2,512791E+22	2,395763E+22	2,156132E+22	1,823570E+22	1,487198E+22	1,271700E+22	1,271679E+22	1,487143E+22	1,823516E+22
2062	2,156128E+22	2,395820E+22	2,512895E+22	2,512898E+22	2,395836E+22	2,156161E+22	1,823556E+22	1,487178E+22	1,271701E+22	1,271708E+22	1,487191E+22	1,823554E+22
2063	2,156125E+22	2,395775E+22	2,512824E+22	2,512784E+22	2,395703E+22	2,156081E+22	1,823537E+22	1,487190E+22	1,271718E+22	1,271717E+22	1,487188E+22	1,823534E+22
2064	2,156078E+22	2,395708E+22	2,512796E+22	2,512847E+22	2,395806E+22	2,156173E+22	1,823604E+22	1,487231E+22	1,271745E+22	1,271735E+22	1,487199E+22	1,823555E+22
2065	2,156123E+22	2,395772E+22	2,512839E+22	2,512857E+22	2,395785E+22	2,156121E+22	1,823561E+22	1,487228E+22	1,271781E+22	1,271800E+22	1,487272E+22	1,823601E+22
2066	2,156120E+22	2,395708E+22	2,512713E+22	2,512702E+22	2,395687E+22	2,156101E+22	1,823588E+22	1,487270E+22	1,271816E+22	1,271808E+22	1,487252E+22	1,823571E+22
2067	2,156098E+22	2,395722E+22	2,512785E+22	2,512803E+22	2,395780E+22	2,156180E+22	1,823630E+22	1,487292E+22	1,271841E+22	1,271840E+22	1,487285E+22	1,823609E+22
2068	2,156154E+22	2,395785E+22	2,512821E+22	2,512768E+22	2,395656E+22	2,156046E+22	1,823568E+22	1,487295E+22	1,271875E+22	1,271886E+22	1,487324E+22	1,823618E+22
2069	2,156117E+22	2,395698E+22	2,512713E+22	2,512720E+22	2,395683E+22	2,156082E+22	1,823602E+22	1,487335E+22	1,271912E+22	1,271897E+22	1,487298E+22	1,823568E+22
2070	2,156081E+22	2,395730E+22	2,512819E+22	2,512843E+22	2,395799E+22	2,156159E+22	1,823613E+22	1,487320E+22	1,271912E+22	1,271929E+22	1,487357E+22	1,823632E+22
2071	2,156115E+22	2,395710E+22	2,512753E+22	2,512738E+22	2,395670E+22	2,156073E+22	1,823590E+22	1,487319E+22	1,271908E+22	1,271917E+22	1,487342E+22	1,823614E+22
2072	2,156085E+22	2,395650E+22	2,512686E+22	2,512738E+22	2,395740E+22	2,156160E+22	1,823662E+22	1,487360E+22	1,271913E+22	1,271892E+22	1,487305E+22	1,823596E+22
2073	2,156114E+22	2,395743E+22	2,512791E+22	2,512794E+22	2,395748E+22	2,156126E+22	1,823615E+22	1,487331E+22	1,271912E+22	1,271917E+22	1,487343E+22	1,823624E+22
2074	2,156116E+22	2,395704E+22	2,512713E+22	2,512674E+22	2,395632E+22	2,156068E+22	1,823603E+22	1,487326E+22	1,271895E+22	1,271880E+22	1,487291E+22	1,823568E+22
2075	2,156066E+22	2,395680E+22	2,512757E+22	2,512794E+22	2,395759E+22	2,156156E+22	1,823635E+22	1,487316E+22	1,271868E+22	1,271859E+22	1,487286E+22	1,823587E+22
2076	2,156120E+22	2,395764E+22	2,512820E+22	2,512807E+22	2,395709E+22	2,156060E+22	1,823548E+22	1,487258E+22	1,271834E+22	1,271854E+22	1,487309E+22	1,823613E+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	2,156111E+22	2,395694E+22	2,512706E+22	2,512711E+22	2,395696E+22	2,156093E+22	1,823570E+22	1,487257E+22	1,271810E+22	1,271803E+22	1,487242E+22	1,823556E+22
2078	2,156087E+22	2,395729E+22	2,512811E+22	2,512837E+22	2,395808E+22	2,156182E+22	1,823603E+22	1,487240E+22	1,271779E+22	1,271787E+22	1,487255E+22	1,823601E+22
2079	2,156151E+22	2,395772E+22	2,512808E+22	2,512783E+22	2,395690E+22	2,156064E+22	1,823546E+22	1,487221E+22	1,271764E+22	1,271767E+22	1,487230E+22	1,823569E+22
2080	2,156113E+22	2,395717E+22	2,512736E+22	2,512760E+22	2,395736E+22	2,156127E+22	1,823602E+22	1,487265E+22	1,271785E+22	1,271758E+22	1,487198E+22	1,823530E+22
2081	2,156093E+22	2,395772E+22	2,512855E+22	2,512863E+22	2,395799E+22	2,156135E+22	1,823572E+22	1,487246E+22	1,271802E+22	1,271812E+22	1,487269E+22	1,823585E+22
2082	2,156106E+22	2,395725E+22	2,512769E+22	2,512742E+22	2,395675E+22	2,156072E+22	1,823560E+22	1,487250E+22	1,271812E+22	1,271816E+22	1,487261E+22	1,823565E+22
2083	2,156062E+22	2,395657E+22	2,512725E+22	2,512780E+22	2,395766E+22	2,156171E+22	1,823639E+22	1,487300E+22	1,271840E+22	1,271833E+22	1,487272E+22	1,823584E+22
2084	2,156121E+22	2,395756E+22	2,512797E+22	2,512791E+22	2,395717E+22	2,156083E+22	1,823573E+22	1,487285E+22	1,271865E+22	1,271884E+22	1,487334E+22	1,823633E+22
2085	2,156129E+22	2,395705E+22	2,512689E+22	2,512656E+22	2,395632E+22	2,156061E+22	1,823589E+22	1,487326E+22	1,271910E+22	1,271899E+22	1,487303E+22	1,823573E+22
2086	2,156072E+22	2,395695E+22	2,512764E+22	2,512775E+22	2,395740E+22	2,156149E+22	1,823644E+22	1,487356E+22	1,271939E+22	1,271939E+22	1,487349E+22	1,823620E+22
2087	2,156121E+22	2,395733E+22	2,512783E+22	2,512769E+22	2,395665E+22	2,156037E+22	1,823574E+22	1,487341E+22	1,271957E+22	1,271973E+22	1,487382E+22	1,823628E+22
2088	2,156085E+22	2,395649E+22	2,512664E+22	2,512689E+22	2,395683E+22	2,156105E+22	1,823641E+22	1,487394E+22	1,271987E+22	1,271974E+22	1,487361E+22	1,823600E+22
2089	2,156059E+22	2,395671E+22	2,512751E+22	2,512783E+22	2,395759E+22	2,156154E+22	1,823654E+22	1,487392E+22	1,272001E+22	1,272013E+22	1,487419E+22	1,823663E+22
2090	2,156114E+22	2,395677E+22	2,512695E+22	2,512674E+22	2,395624E+22	2,156065E+22	1,823630E+22	1,487391E+22	1,271997E+22	1,271996E+22	1,487389E+22	1,823624E+22
2091	2,156070E+22	2,395623E+22	2,512641E+22	2,512674E+22	2,395688E+22	2,156143E+22	1,823690E+22	1,487429E+22	1,272007E+22	1,271982E+22	1,487358E+22	1,823598E+22
2092	2,156092E+22	2,395728E+22	2,512772E+22	2,512751E+22	2,395687E+22	2,156079E+22	1,823611E+22	1,487375E+22	1,271988E+22	1,271999E+22	1,487405E+22	1,823649E+22
2093	2,156106E+22	2,395682E+22	2,512693E+22	2,512656E+22	2,395607E+22	2,156034E+22	1,823587E+22	1,487359E+22	1,271968E+22	1,271961E+22	1,487349E+22	1,823589E+22
2094	2,156046E+22	2,395638E+22	2,512715E+22	2,512762E+22	2,395739E+22	2,156144E+22	1,823642E+22	1,487353E+22	1,271934E+22	1,271933E+22	1,487347E+22	1,823622E+22
2095	2,156120E+22	2,395723E+22	2,512768E+22	2,512781E+22	2,395704E+22	2,156059E+22	1,823563E+22	1,487293E+22	1,271886E+22	1,271906E+22	1,487346E+22	1,823632E+22
2096	2,156116E+22	2,395689E+22	2,512678E+22	2,512669E+22	2,395670E+22	2,156095E+22	1,823605E+22	1,487314E+22	1,271870E+22	1,271853E+22	1,487275E+22	1,823569E+22
2097	2,156074E+22	2,395709E+22	2,512785E+22	2,512791E+22	2,395754E+22	2,156152E+22	1,823625E+22	1,487308E+22	1,271869E+22	1,271866E+22	1,487298E+22	1,823603E+22
2098	2,156127E+22	2,395745E+22	2,512789E+22	2,512759E+22	2,395662E+22	2,156048E+22	1,823569E+22	1,487284E+22	1,271857E+22	1,271857E+22	1,487282E+22	1,823565E+22
2099	2,156066E+22	2,395662E+22	2,512694E+22	2,512728E+22	2,395720E+22	2,156123E+22	1,823624E+22	1,487327E+22	1,271882E+22	1,271861E+22	1,487268E+22	1,823541E+22
2100	2,156055E+22	2,395717E+22	2,512797E+22	2,512809E+22	2,395762E+22	2,156118E+22	1,823585E+22	1,487295E+22	1,271883E+22	1,271904E+22	1,487345E+22	1,823629E+22
2101	2,156106E+22	2,395687E+22	2,512710E+22	2,512685E+22	2,395638E+22	2,156055E+22	1,823575E+22	1,487308E+22	1,271900E+22	1,271904E+22	1,487324E+22	1,823593E+22
2102	2,156058E+22	2,395624E+22	2,512671E+22	2,512714E+22	2,395710E+22	2,156142E+22	1,823661E+22	1,487369E+22	1,271937E+22	1,271926E+22	1,487335E+22	1,823613E+22
2103	2,156119E+22	2,395728E+22	2,512760E+22	2,512757E+22	2,395685E+22	2,156057E+22	1,823585E+22	1,487342E+22	1,271953E+22	1,271970E+22	1,487387E+22	1,823645E+22
2104	2,156116E+22	2,395691E+22	2,512678E+22	2,512632E+22	2,395604E+22	2,156048E+22	1,823613E+22	1,487389E+22	1,271995E+22	1,271985E+22	1,487368E+22	1,823595E+22
2105	2,156041E+22	2,395646E+22	2,512727E+22	2,512748E+22	2,395713E+22	2,156128E+22	1,823659E+22	1,487421E+22	1,272038E+22	1,272041E+22	1,487423E+22	1,823650E+22
2106	2,156104E+22	2,395685E+22	2,512730E+22	2,512728E+22	2,395654E+22	2,156050E+22	1,823609E+22	1,487401E+22	1,272045E+22	1,272063E+22	1,487445E+22	1,823650E+22
2107	2,156066E+22	2,395601E+22	2,512599E+22	2,512622E+22	2,395650E+22	2,156114E+22	1,823687E+22	1,487468E+22	1,272080E+22	1,272062E+22	1,487418E+22	1,823615E+22
2108	2,156050E+22	2,395647E+22	2,512704E+22	2,512714E+22	2,395694E+22	2,156122E+22	1,823672E+22	1,487455E+22	1,272085E+22	1,272091E+22	1,487470E+22	1,823685E+22
2109	2,156115E+22	2,395666E+22	2,512672E+22	2,512630E+22	2,395571E+22	2,156023E+22	1,823629E+22	1,487448E+22	1,272089E+22	1,272081E+22	1,487435E+22	1,823625E+22
2110	2,156042E+22	2,395589E+22	2,512616E+22	2,512643E+22	2,395645E+22	2,156105E+22	1,823692E+22	1,487481E+22	1,272093E+22	1,272072E+22	1,487421E+22	1,823617E+22
2111	2,156067E+22	2,395676E+22	2,512736E+22	2,512744E+22	2,395686E+22	2,156064E+22	1,823606E+22	1,487404E+22	1,272049E+22	1,272069E+22	1,487458E+22	1,823670E+22
2112	2,156093E+22	2,395650E+22	2,512659E+22	2,512627E+22	2,395599E+22	2,156047E+22	1,823613E+22	1,487398E+22	1,272018E+22	1,272017E+22	1,487402E+22	1,823622E+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	2,156041E+22	2,395601E+22	2,512669E+22	2,512716E+22	2,395705E+22	2,156134E+22	1,823668E+22	1,487410E+22	1,272004E+22	1,271998E+22	1,487392E+22	1,823647E+22
2114	2,156127E+22	2,395709E+22	2,512734E+22	2,512734E+22	2,395676E+22	2,156058E+22	1,823593E+22	1,487352E+22	1,271962E+22	1,271971E+22	1,487377E+22	1,823627E+22
2115	2,156095E+22	2,395665E+22	2,512651E+22	2,512625E+22	2,395635E+22	2,156089E+22	1,823637E+22	1,487383E+22	1,271962E+22	1,271937E+22	1,487320E+22	1,823562E+22
2116	2,156041E+22	2,395677E+22	2,512761E+22	2,512759E+22	2,395712E+22	2,156117E+22	1,823629E+22	1,487361E+22	1,271952E+22	1,271953E+22	1,487360E+22	1,823621E+22
2117	2,156101E+22	2,395700E+22	2,512751E+22	2,512732E+22	2,395640E+22	2,156024E+22	1,823565E+22	1,487333E+22	1,271946E+22	1,271951E+22	1,487349E+22	1,823588E+22
2118	2,156039E+22	2,395601E+22	2,512630E+22	2,512671E+22	2,395685E+22	2,156113E+22	1,823644E+22	1,487381E+22	1,271966E+22	1,271955E+22	1,487345E+22	1,823587E+22
2119	2,156058E+22	2,395667E+22	2,512730E+22	2,512754E+22	2,395728E+22	2,156105E+22	1,823603E+22	1,487345E+22	1,271956E+22	1,271977E+22	1,487399E+22	1,823660E+22
2120	2,156118E+22	2,395680E+22	2,512678E+22	2,512628E+22	2,395589E+22	2,156039E+22	1,823602E+22	1,487371E+22	1,271979E+22	1,271977E+22	1,487376E+22	1,823617E+22
2121	2,156053E+22	2,395607E+22	2,512648E+22	2,512671E+22	2,395653E+22	2,156100E+22	1,823670E+22	1,487438E+22	1,272038E+22	1,272021E+22	1,487394E+22	1,823627E+22
2122	2,156104E+22	2,395704E+22	2,512741E+22	2,512733E+22	2,395662E+22	2,156045E+22	1,823604E+22	1,487405E+22	1,272050E+22	1,272067E+22	1,487445E+22	1,823647E+22
2123	2,156074E+22	2,395640E+22	2,512642E+22	2,512607E+22	2,395595E+22	2,156055E+22	1,823645E+22	1,487458E+22	1,272095E+22	1,272087E+22	1,487435E+22	1,823607E+22
2124	2,156010E+22	2,395594E+22	2,512671E+22	2,512698E+22	2,395681E+22	2,156122E+22	1,823684E+22	1,487481E+22	1,272124E+22	1,272130E+22	1,487491E+22	1,823683E+22
2125	2,156098E+22	2,395646E+22	2,512675E+22	2,512674E+22	2,395618E+22	2,156039E+22	1,823634E+22	1,487473E+22	1,272141E+22	1,272150E+22	1,487499E+22	1,823665E+22
2126	2,156051E+22	2,395563E+22	2,512546E+22	2,512556E+22	2,395595E+22	2,156093E+22	1,823713E+22	1,487541E+22	1,272178E+22	1,272155E+22	1,487480E+22	1,823637E+22
2127	2,156038E+22	2,395607E+22	2,512662E+22	2,512675E+22	2,395654E+22	2,156095E+22	1,823681E+22	1,487508E+22	1,272168E+22	1,272173E+22	1,487522E+22	1,823697E+22
2128	2,156101E+22	2,395647E+22	2,512656E+22	2,512608E+22	2,395541E+22	2,156002E+22	1,823639E+22	1,487497E+22	1,272161E+22	1,272160E+22	1,487501E+22	1,823655E+22
2129	2,156022E+22	2,395544E+22	2,512579E+22	2,512616E+22	2,395615E+22	2,156075E+22	1,823688E+22	1,487525E+22	1,272172E+22	1,272157E+22	1,487489E+22	1,823655E+22
2130	2,156068E+22	2,395642E+22	2,512690E+22	2,512702E+22	2,395672E+22	2,156076E+22	1,823630E+22	1,487445E+22	1,272112E+22	1,272137E+22	1,487507E+22	1,823691E+22
2131	2,156089E+22	2,395624E+22	2,512620E+22	2,512580E+22	2,395571E+22	2,156053E+22	1,823648E+22	1,487455E+22	1,272087E+22	1,272079E+22	1,487437E+22	1,823627E+22
2132	2,156036E+22	2,395591E+22	2,512639E+22	2,512663E+22	2,395651E+22	2,156106E+22	1,823679E+22	1,487461E+22	1,272074E+22	1,272060E+22	1,487424E+22	1,823650E+22
2133	2,156117E+22	2,395696E+22	2,512720E+22	2,512708E+22	2,395642E+22	2,156032E+22	1,823596E+22	1,487407E+22	1,272047E+22	1,272047E+22	1,487412E+22	1,823615E+22
2134	2,156052E+22	2,395617E+22	2,512620E+22	2,512599E+22	2,395605E+22	2,156067E+22	1,823646E+22	1,487438E+22	1,272050E+22	1,272029E+22	1,487384E+22	1,823578E+22
2135	2,156005E+22	2,395603E+22	2,512702E+22	2,512737E+22	2,395704E+22	2,156112E+22	1,823638E+22	1,487403E+22	1,272024E+22	1,272032E+22	1,487420E+22	1,823648E+22
2136	2,156088E+22	2,395655E+22	2,512699E+22	2,512684E+22	2,395615E+22	2,156031E+22	1,823597E+22	1,487386E+22	1,272014E+22	1,272026E+22	1,487417E+22	1,823630E+22
2137	2,156037E+22	2,395559E+22	2,512570E+22	2,512607E+22	2,395628E+22	2,156087E+22	1,823665E+22	1,487449E+22	1,272057E+22	1,272041E+22	1,487407E+22	1,823622E+22
2138	2,156073E+22	2,395658E+22	2,512691E+22	2,512691E+22	2,395680E+22	2,156095E+22	1,823629E+22	1,487410E+22	1,272048E+22	1,272063E+22	1,487447E+22	1,823666E+22
2139	2,156105E+22	2,395666E+22	2,512661E+22	2,512590E+22	2,395546E+22	2,156022E+22	1,823628E+22	1,487444E+22	1,272081E+22	1,272075E+22	1,487431E+22	1,823618E+22
2140	2,156029E+22	2,395583E+22	2,512629E+22	2,512646E+22	2,395614E+22	2,156066E+22	1,823672E+22	1,487495E+22	1,272133E+22	1,272119E+22	1,487462E+22	1,823649E+22
2141	2,156084E+22	2,395663E+22	2,512707E+22	2,512714E+22	2,395653E+22	2,156035E+22	1,823609E+22	1,487463E+22	1,272149E+22	1,272166E+22	1,487512E+22	1,823667E+22
2142	2,156046E+22	2,395576E+22	2,512577E+22	2,512558E+22	2,395569E+22	2,156059E+22	1,823679E+22	1,487525E+22	1,272190E+22	1,272186E+22	1,487511E+22	1,823646E+22
2143	2,156002E+22	2,395535E+22	2,512602E+22	2,512647E+22	2,395647E+22	2,156115E+22	1,823714E+22	1,487545E+22	1,272207E+22	1,272208E+22	1,487542E+22	1,823703E+22
2144	2,156097E+22	2,395629E+22	2,512640E+22	2,512617E+22	2,395565E+22	2,156023E+22	1,823664E+22	1,487541E+22	1,272227E+22	1,272232E+22	1,487556E+22	1,823683E+22
2145	2,156034E+22	2,395532E+22	2,512515E+22	2,512514E+22	2,395536E+22	2,156050E+22	1,823719E+22	1,487605E+22	1,272278E+22	1,272253E+22	1,487543E+22	1,823655E+22
2146	2,156026E+22	2,395581E+22	2,512631E+22	2,512641E+22	2,395627E+22	2,156082E+22	1,823688E+22	1,487554E+22	1,272250E+22	1,272260E+22	1,487579E+22	1,823707E+22
2147	2,156073E+22	2,395601E+22	2,512616E+22	2,512579E+22	2,395528E+22	2,156006E+22	1,823658E+22	1,487545E+22	1,272237E+22	1,272241E+22	1,487556E+22	1,823674E+22
2148	2,156014E+22	2,395511E+22	2,512531E+22	2,512573E+22	2,395584E+22	2,156063E+22	1,823700E+22	1,487563E+22	1,272231E+22	1,272220E+22	1,487538E+22	1,823685E+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	2,156076E+22	2,395625E+22	2,512652E+22	2,512661E+22	2,395640E+22	2,156061E+22	1,823644E+22	1,487498E+22	1,272184E+22	1,272197E+22	1,487538E+22	1,823693E+22
2150	2,156073E+22	2,395597E+22	2,512586E+22	2,512537E+22	2,395528E+22	2,156041E+22	1,823672E+22	1,487514E+22	1,272167E+22	1,272153E+22	1,487481E+22	1,823633E+22
2151	2,156014E+22	2,395551E+22	2,512609E+22	2,512642E+22	2,395619E+22	2,156087E+22	1,823691E+22	1,487508E+22	1,272145E+22	1,272129E+22	1,487464E+22	1,823647E+22
2152	2,156087E+22	2,395664E+22	2,512699E+22	2,512691E+22	2,395620E+22	2,156020E+22	1,823611E+22	1,487455E+22	1,272119E+22	1,272126E+22	1,487476E+22	1,823636E+22
2153	2,156022E+22	2,395558E+22	2,512565E+22	2,512563E+22	2,395575E+22	2,156048E+22	1,823652E+22	1,487488E+22	1,272135E+22	1,272121E+22	1,487457E+22	1,823618E+22
2154	2,156008E+22	2,395564E+22	2,512633E+22	2,512670E+22	2,395671E+22	2,156121E+22	1,823667E+22	1,487454E+22	1,272099E+22	1,272111E+22	1,487478E+22	1,823675E+22
2155	2,156090E+22	2,395631E+22	2,512650E+22	2,512623E+22	2,395567E+22	2,156023E+22	1,823631E+22	1,487455E+22	1,272101E+22	1,272105E+22	1,487464E+22	1,823647E+22
2156	2,156046E+22	2,395557E+22	2,512543E+22	2,512555E+22	2,395562E+22	2,156042E+22	1,823666E+22	1,487504E+22	1,272144E+22	1,272124E+22	1,487458E+22	1,823636E+22
2157	2,156068E+22	2,395651E+22	2,512685E+22	2,512673E+22	2,395640E+22	2,156058E+22	1,823629E+22	1,487471E+22	1,272148E+22	1,272157E+22	1,487500E+22	1,823663E+22
2158	2,156064E+22	2,395620E+22	2,512635E+22	2,512578E+22	2,395527E+22	2,156009E+22	1,823641E+22	1,487503E+22	1,272179E+22	1,272181E+22	1,487506E+22	1,823638E+22
2159	2,155991E+22	2,395510E+22	2,512573E+22	2,512625E+22	2,395610E+22	2,156074E+22	1,823694E+22	1,487547E+22	1,272215E+22	1,272208E+22	1,487526E+22	1,823671E+22
2160	2,156065E+22	2,395615E+22	2,512653E+22	2,512671E+22	2,395633E+22	2,156052E+22	1,823655E+22	1,487530E+22	1,272232E+22	1,272252E+22	1,487582E+22	1,823699E+22
2161	2,156034E+22	2,395526E+22	2,512508E+22	2,512494E+22	2,395514E+22	2,156039E+22	1,823710E+22	1,487606E+22	1,272295E+22	1,272283E+22	1,487577E+22	1,823677E+22
2162	2,156007E+22	2,395511E+22	2,512542E+22	2,512571E+22	2,395595E+22	2,156109E+22	1,823746E+22	1,487617E+22	1,272308E+22	1,272303E+22	1,487598E+22	1,823711E+22
2163	2,156077E+22	2,395603E+22	2,512610E+22	2,512575E+22	2,395516E+22	2,156000E+22	1,823687E+22	1,487610E+22	1,272326E+22	1,272330E+22	1,487616E+22	1,823695E+22
2164	2,156018E+22	2,395505E+22	2,512483E+22	2,512479E+22	2,395488E+22	2,156004E+22	1,823707E+22	1,487646E+22	1,272359E+22	1,272343E+22	1,487613E+22	1,823687E+22
2165	2,156020E+22	2,395552E+22	2,512597E+22	2,512615E+22	2,395606E+22	2,156063E+22	1,823687E+22	1,487595E+22	1,272326E+22	1,272339E+22	1,487636E+22	1,823730E+22
2166	2,156061E+22	2,395562E+22	2,512566E+22	2,512538E+22	2,395501E+22	2,156005E+22	1,823681E+22	1,487591E+22	1,272303E+22	1,272311E+22	1,487611E+22	1,823701E+22
2167	2,156012E+22	2,395479E+22	2,512489E+22	2,512537E+22	2,395552E+22	2,156054E+22	1,823720E+22	1,487609E+22	1,272290E+22	1,272270E+22	1,487564E+22	1,823686E+22
2168	2,156070E+22	2,395620E+22	2,512639E+22	2,512632E+22	2,395606E+22	2,156052E+22	1,823669E+22	1,487550E+22	1,272250E+22	1,272259E+22	1,487575E+22	1,823688E+22
2169	2,156039E+22	2,395560E+22	2,512560E+22	2,512515E+22	2,395489E+22	2,156010E+22	1,823682E+22	1,487572E+22	1,272254E+22	1,272238E+22	1,487533E+22	1,823639E+22
2170	2,155986E+22	2,395508E+22	2,512561E+22	2,512606E+22	2,395605E+22	2,156091E+22	1,823709E+22	1,487556E+22	1,272224E+22	1,272213E+22	1,487520E+22	1,823654E+22
2171	2,156048E+22	2,395606E+22	2,512644E+22	2,512653E+22	2,395601E+22	2,156028E+22	1,823642E+22	1,487512E+22	1,272200E+22	1,272210E+22	1,487535E+22	1,823661E+22
2172	2,156017E+22	2,395521E+22	2,512504E+22	2,512504E+22	2,395526E+22	2,156025E+22	1,823664E+22	1,487535E+22	1,272208E+22	1,272199E+22	1,487519E+22	1,823657E+22
2173	2,156025E+22	2,395555E+22	2,512595E+22	2,512618E+22	2,395620E+22	2,156089E+22	1,823677E+22	1,487515E+22	1,272187E+22	1,272189E+22	1,487526E+22	1,823688E+22
2174	2,156083E+22	2,395613E+22	2,512617E+22	2,512579E+22	2,395519E+22	2,156000E+22	1,823648E+22	1,487515E+22	1,272193E+22	1,272197E+22	1,487526E+22	1,823665E+22
2175	2,156028E+22	2,395527E+22	2,512525E+22	2,512543E+22	2,395531E+22	2,156016E+22	1,823674E+22	1,487553E+22	1,272224E+22	1,272207E+22	1,487512E+22	1,823645E+22
2176	2,156043E+22	2,395620E+22	2,512666E+22	2,512664E+22	2,395626E+22	2,156051E+22	1,823647E+22	1,487523E+22	1,272230E+22	1,272250E+22	1,487574E+22	1,823686E+22
2177	2,156032E+22	2,395556E+22	2,512576E+22	2,512547E+22	2,395509E+22	2,156007E+22	1,823666E+22	1,487566E+22	1,272276E+22	1,272283E+22	1,487584E+22	1,823677E+22
2178	2,155989E+22	2,395467E+22	2,512494E+22	2,512552E+22	2,395582E+22	2,156094E+22	1,823739E+22	1,487615E+22	1,272305E+22	1,272297E+22	1,487586E+22	1,823689E+22
2179	2,156050E+22	2,395578E+22	2,512593E+22	2,512602E+22	2,395580E+22	2,156045E+22	1,823701E+22	1,487615E+22	1,272335E+22	1,272343E+22	1,487632E+22	1,823713E+22
2180	2,156033E+22	2,395510E+22	2,512467E+22	2,512432E+22	2,395442E+22	2,155991E+22	1,823715E+22	1,487670E+22	1,272394E+22	1,272378E+22	1,487637E+22	1,823694E+22
2181	2,155999E+22	2,395496E+22	2,512521E+22	2,512538E+22	2,395541E+22	2,156058E+22	1,823743E+22	1,487678E+22	1,272407E+22	1,272399E+22	1,487659E+22	1,823718E+22
2182	2,156042E+22	2,395557E+22	2,512572E+22	2,512549E+22	2,395490E+22	2,155980E+22	1,823693E+22	1,487659E+22	1,272412E+22	1,272426E+22	1,487691E+22	1,823724E+22
2183	2,155993E+22	2,395451E+22	2,512440E+22	2,512459E+22	2,395474E+22	2,156000E+22	1,823716E+22	1,487679E+22	1,272418E+22	1,272411E+22	1,487665E+22	1,823711E+22
2184	2,156014E+22	2,395526E+22	2,512563E+22	2,512584E+22	2,395584E+22	2,156068E+22	1,823718E+22	1,487642E+22	1,272384E+22	1,272402E+22	1,487686E+22	1,823748E+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	2,156049E+22	2,395529E+22	2,512521E+22	2,512498E+22	2,395467E+22	2,155991E+22	1,823707E+22	1,487653E+22	1,272384E+22	1,272383E+22	1,487652E+22	1,823713E+22
2186	2,156008E+22	2,395465E+22	2,512447E+22	2,512484E+22	2,395522E+22	2,156058E+22	1,823750E+22	1,487668E+22	1,272369E+22	1,272343E+22	1,487600E+22	1,823674E+22
2187	2,156030E+22	2,395585E+22	2,512614E+22	2,512608E+22	2,395576E+22	2,156041E+22	1,823698E+22	1,487616E+22	1,272338E+22	1,272341E+22	1,487620E+22	1,823692E+22
2188	2,156013E+22	2,395518E+22	2,512516E+22	2,512484E+22	2,395456E+22	2,155975E+22	1,823677E+22	1,487613E+22	1,272333E+22	1,272326E+22	1,487603E+22	1,823673E+22
2189	2,155978E+22	2,395469E+22	2,512508E+22	2,512563E+22	2,395575E+22	2,156071E+22	1,823718E+22	1,487603E+22	1,272301E+22	1,272295E+22	1,487586E+22	1,823686E+22
2190	2,156041E+22	2,395565E+22	2,512582E+22	2,512593E+22	2,395558E+22	2,156018E+22	1,823667E+22	1,487563E+22	1,272272E+22	1,272290E+22	1,487602E+22	1,823700E+22
2191	2,156022E+22	2,395501E+22	2,512467E+22	2,512458E+22	2,395476E+22	2,155998E+22	1,823674E+22	1,487579E+22	1,272274E+22	1,272262E+22	1,487558E+22	1,823671E+22
2192	2,156028E+22	2,395562E+22	2,512593E+22	2,512594E+22	2,395580E+22	2,156065E+22	1,823690E+22	1,487564E+22	1,272262E+22	1,272267E+22	1,487577E+22	1,823692E+22
2193	2,156056E+22	2,395583E+22	2,512597E+22	2,512567E+22	2,395491E+22	2,155970E+22	1,823654E+22	1,487572E+22	1,272285E+22	1,272291E+22	1,487587E+22	1,823677E+22
2194	2,156002E+22	2,395485E+22	2,512474E+22	2,512510E+22	2,395529E+22	2,156032E+22	1,823701E+22	1,487610E+22	1,272312E+22	1,272298E+22	1,487572E+22	1,823653E+22
2195	2,156001E+22	2,395559E+22	2,512609E+22	2,512627E+22	2,395614E+22	2,156070E+22	1,823697E+22	1,487598E+22	1,272323E+22	1,272339E+22	1,487631E+22	1,823708E+22
2196	2,156022E+22	2,395509E+22	2,512503E+22	2,512480E+22	2,395458E+22	2,155986E+22	1,823694E+22	1,487637E+22	1,272372E+22	1,272377E+22	1,487651E+22	1,823709E+22
2197	2,155993E+22	2,395446E+22	2,512440E+22	2,512482E+22	2,395520E+22	2,156063E+22	1,823766E+22	1,487697E+22	1,272413E+22	1,272394E+22	1,487645E+22	1,823702E+22
2198	2,156030E+22	2,395547E+22	2,512549E+22	2,512543E+22	2,395520E+22	2,156015E+22	1,823721E+22	1,487686E+22	1,272441E+22	1,272451E+22	1,487706E+22	1,823734E+22
2199	2,156008E+22	2,395474E+22	2,512443E+22	2,512407E+22	2,395398E+22	2,155950E+22	1,823713E+22	1,487717E+22	1,272478E+22	1,272469E+22	1,487701E+22	1,823714E+22
2200	2,155982E+22	2,395469E+22	2,512502E+22	2,512525E+22	2,395523E+22	2,156038E+22	1,823745E+22	1,487717E+22	1,272482E+22	1,272490E+22	1,487733E+22	1,823748E+22
2201	2,156021E+22	2,395505E+22	2,512519E+22	2,512517E+22	2,395474E+22	2,155974E+22	1,823709E+22	1,487707E+22	1,272490E+22	1,272510E+22	1,487758E+22	1,823763E+22
2202	2,156001E+22	2,395426E+22	2,512381E+22	2,512399E+22	2,395455E+22	2,156019E+22	1,823755E+22	1,487735E+22	1,272486E+22	1,272474E+22	1,487705E+22	1,823720E+22
2203	2,156001E+22	2,395505E+22	2,512531E+22	2,512540E+22	2,395547E+22	2,156066E+22	1,823761E+22	1,487715E+22	1,272467E+22	1,272467E+22	1,487713E+22	1,823747E+22
2204	2,156038E+22	2,395511E+22	2,512492E+22	2,512459E+22	2,395420E+22	2,155955E+22	1,823714E+22	1,487708E+22	1,272467E+22	1,272462E+22	1,487698E+22	1,823716E+22
2205	2,155985E+22	2,395441E+22	2,512425E+22	2,512457E+22	2,395488E+22	2,156025E+22	1,823756E+22	1,487724E+22	1,272455E+22	1,272428E+22	1,487653E+22	1,823676E+22
2206	2,155984E+22	2,395522E+22	2,512560E+22	2,512573E+22	2,395560E+22	2,156034E+22	1,823711E+22	1,487663E+22	1,272416E+22	1,272430E+22	1,487693E+22	1,823723E+22
2207	2,155988E+22	2,395462E+22	2,512465E+22	2,512446E+22	2,395432E+22	2,155966E+22	1,823688E+22	1,487647E+22	1,272389E+22	1,272390E+22	1,487658E+22	1,823709E+22
2208	2,155986E+22	2,395451E+22	2,512472E+22	2,512517E+22	2,395534E+22	2,156053E+22	1,823736E+22	1,487647E+22	1,272362E+22	1,272362E+22	1,487640E+22	1,823714E+22
2209	2,156041E+22	2,395544E+22	2,512541E+22	2,512543E+22	2,395512E+22	2,155993E+22	1,823684E+22	1,487621E+22	1,272354E+22	1,272366E+22	1,487652E+22	1,823722E+22
2210	2,156028E+22	2,395499E+22	2,512441E+22	2,512411E+22	2,395445E+22	2,155992E+22	1,823695E+22	1,487632E+22	1,272350E+22	1,272336E+22	1,487599E+22	1,823665E+22
2211	2,155993E+22	2,395533E+22	2,512578E+22	2,512578E+22	2,395556E+22	2,156050E+22	1,823716E+22	1,487630E+22	1,272352E+22	1,272351E+22	1,487623E+22	1,823699E+22
2212	2,156031E+22	2,395538E+22	2,512553E+22	2,512541E+22	2,395474E+22	2,155950E+22	1,823660E+22	1,487624E+22	1,272374E+22	1,272386E+22	1,487657E+22	1,823706E+22
2213	2,155989E+22	2,395443E+22	2,512420E+22	2,512459E+22	2,395499E+22	2,156023E+22	1,823730E+22	1,487679E+22	1,272405E+22	1,272391E+22	1,487639E+22	1,823676E+22
2214	2,155979E+22	2,395503E+22	2,512536E+22	2,512558E+22	2,395569E+22	2,156064E+22	1,823737E+22	1,487676E+22	1,272422E+22	1,272436E+22	1,487702E+22	1,823738E+22
2215	2,156009E+22	2,395475E+22	2,512462E+22	2,512423E+22	2,395400E+22	2,155953E+22	1,823710E+22	1,487702E+22	1,272463E+22	1,272463E+22	1,487705E+22	1,823725E+22
2216	2,155984E+22	2,395434E+22	2,512425E+22	2,512444E+22	2,395466E+22	2,156023E+22	1,823774E+22	1,487754E+22	1,272507E+22	1,272496E+22	1,487715E+22	1,823714E+22
2217	2,155998E+22	2,395502E+22	2,512514E+22	2,512515E+22	2,395485E+22	2,155982E+22	1,823725E+22	1,487744E+22	1,272539E+22	1,272556E+22	1,487783E+22	1,823763E+22
2218	2,155991E+22	2,395434E+22	2,512392E+22	2,512367E+22	2,395393E+22	2,155961E+22	1,823732E+22	1,487764E+22	1,272557E+22	1,272555E+22	1,487764E+22	1,823734E+22
2219	2,155957E+22	2,395422E+22	2,512457E+22	2,512492E+22	2,395510E+22	2,156049E+22	1,823786E+22	1,487782E+22	1,272563E+22	1,272564E+22	1,487782E+22	1,823775E+22
2220	2,156027E+22	2,395473E+22	2,512462E+22	2,512466E+22	2,395440E+22	2,155958E+22	1,823731E+22	1,487767E+22	1,272570E+22	1,272585E+22	1,487808E+22	1,823786E+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	2,156005E+22	2,395415E+22	2,512348E+22	2,512347E+22	2,395411E+22	2,155998E+22	1,823783E+22	1,487807E+22	1,272575E+22	1,272552E+22	1,487747E+22	1,823720E+22
2222	2,155970E+22	2,395467E+22	2,512497E+22	2,512498E+22	2,395507E+22	2,156049E+22	1,823786E+22	1,487780E+22	1,272556E+22	1,272555E+22	1,487771E+22	1,823755E+22
2223	2,156000E+22	2,395467E+22	2,512469E+22	2,512435E+22	2,395386E+22	2,155923E+22	1,823715E+22	1,487751E+22	1,272539E+22	1,272539E+22	1,487754E+22	1,823734E+22
2224	2,155965E+22	2,395406E+22	2,512396E+22	2,512431E+22	2,395469E+22	2,156010E+22	1,823758E+22	1,487756E+22	1,272521E+22	1,272511E+22	1,487723E+22	1,823709E+22
2225	2,155971E+22	2,395470E+22	2,512497E+22	2,512521E+22	2,395531E+22	2,156024E+22	1,823724E+22	1,487705E+22	1,272483E+22	1,272504E+22	1,487756E+22	1,823767E+22
2226	2,156006E+22	2,395444E+22	2,512406E+22	2,512376E+22	2,395399E+22	2,155968E+22	1,823713E+22	1,487696E+22	1,272450E+22	1,272447E+22	1,487694E+22	1,823721E+22
2227	2,155984E+22	2,395444E+22	2,512456E+22	2,512480E+22	2,395493E+22	2,156033E+22	1,823761E+22	1,487710E+22	1,272439E+22	1,272423E+22	1,487666E+22	1,823717E+22
2228	2,156038E+22	2,395532E+22	2,512525E+22	2,512514E+22	2,395470E+22	2,155951E+22	1,823681E+22	1,487671E+22	1,272435E+22	1,272446E+22	1,487699E+22	1,823726E+22
2229	2,156005E+22	2,395476E+22	2,512429E+22	2,512395E+22	2,395421E+22	2,155967E+22	1,823707E+22	1,487693E+22	1,272439E+22	1,272424E+22	1,487655E+22	1,823666E+22
2230	2,155942E+22	2,395464E+22	2,512526E+22	2,512548E+22	2,395548E+22	2,156056E+22	1,823744E+22	1,487690E+22	1,272441E+22	1,272446E+22	1,487695E+22	1,823722E+22
2231	2,155994E+22	2,395474E+22	2,512499E+22	2,512495E+22	2,395450E+22	2,155948E+22	1,823687E+22	1,487681E+22	1,272453E+22	1,272468E+22	1,487717E+22	1,823734E+22
2232	2,155983E+22	2,395411E+22	2,512373E+22	2,512402E+22	2,395458E+22	2,156010E+22	1,823758E+22	1,487744E+22	1,272497E+22	1,272485E+22	1,487705E+22	1,823701E+22
2233	2,155967E+22	2,395459E+22	2,512476E+22	2,512491E+22	2,395516E+22	2,156040E+22	1,823761E+22	1,487751E+22	1,272529E+22	1,272538E+22	1,487771E+22	1,823767E+22
2234	2,156007E+22	2,395454E+22	2,512417E+22	2,512365E+22	2,395359E+22	2,155938E+22	1,823731E+22	1,487768E+22	1,272560E+22	1,272559E+22	1,487768E+22	1,823738E+22
2235	2,155958E+22	2,395400E+22	2,512404E+22	2,512423E+22	2,395435E+22	2,155997E+22	1,823789E+22	1,487821E+22	1,272605E+22	1,272590E+22	1,487780E+22	1,823745E+22
2236	2,155991E+22	2,395458E+22	2,512465E+22	2,512478E+22	2,395461E+22	2,155960E+22	1,823727E+22	1,487791E+22	1,272626E+22	1,272653E+22	1,487860E+22	1,823805E+22
2237	2,155996E+22	2,395408E+22	2,512350E+22	2,512320E+22	2,395361E+22	2,155954E+22	1,823762E+22	1,487826E+22	1,272638E+22	1,272637E+22	1,487823E+22	1,823758E+22
2238	2,155948E+22	2,395385E+22	2,512403E+22	2,512434E+22	2,395472E+22	2,156046E+22	1,823824E+22	1,487853E+22	1,272649E+22	1,272643E+22	1,487832E+22	1,823790E+22
2239	2,156012E+22	2,395454E+22	2,512442E+22	2,512425E+22	2,395397E+22	2,155935E+22	1,823745E+22	1,487824E+22	1,272648E+22	1,272654E+22	1,487843E+22	1,823786E+22
2240	2,155988E+22	2,395401E+22	2,512343E+22	2,512325E+22	2,395373E+22	2,155968E+22	1,823787E+22	1,487854E+22	1,272657E+22	1,272638E+22	1,487801E+22	1,823720E+22
2241	2,155926E+22	2,395406E+22	2,512450E+22	2,512470E+22	2,395484E+22	2,156030E+22	1,823794E+22	1,487831E+22	1,272639E+22	1,272643E+22	1,487835E+22	1,823779E+22
2242	2,155979E+22	2,395415E+22	2,512408E+22	2,512391E+22	2,395379E+22	2,155935E+22	1,823732E+22	1,487791E+22	1,272603E+22	1,272609E+22	1,487807E+22	1,823753E+22
2243	2,155946E+22	2,395361E+22	2,512348E+22	2,512387E+22	2,395437E+22	2,156005E+22	1,823787E+22	1,487811E+22	1,272588E+22	1,272571E+22	1,487765E+22	1,823739E+22
2244	2,155985E+22	2,395446E+22	2,512445E+22	2,512460E+22	2,395482E+22	2,155996E+22	1,823734E+22	1,487756E+22	1,272556E+22	1,272573E+22	1,487801E+22	1,823790E+22
2245	2,156020E+22	2,395448E+22	2,512391E+22	2,512331E+22	2,395348E+22	2,155939E+22	1,823729E+22	1,487754E+22	1,272529E+22	1,272519E+22	1,487733E+22	1,823720E+22
2246	2,155958E+22	2,395416E+22	2,512436E+22	2,512454E+22	2,395460E+22	2,156013E+22	1,823776E+22	1,487768E+22	1,272525E+22	1,272507E+22	1,487719E+22	1,823721E+22
2247	2,155998E+22	2,395492E+22	2,512512E+22	2,512505E+22	2,395455E+22	2,155929E+22	1,823680E+22	1,487713E+22	1,272510E+22	1,272524E+22	1,487753E+22	1,823742E+22
2248	2,155981E+22	2,395432E+22	2,512397E+22	2,512374E+22	2,395412E+22	2,155965E+22	1,823719E+22	1,487734E+22	1,272518E+22	1,272518E+22	1,487727E+22	1,823694E+22
2249	2,155918E+22	2,395394E+22	2,512448E+22	2,512488E+22	2,395520E+22	2,156061E+22	1,823779E+22	1,487756E+22	1,272529E+22	1,272537E+22	1,487765E+22	1,823761E+22
2250	2,155999E+22	2,395441E+22	2,512427E+22	2,512417E+22	2,395409E+22	2,155951E+22	1,823725E+22	1,487752E+22	1,272543E+22	1,272549E+22	1,487769E+22	1,823749E+22
2251	2,155972E+22	2,395389E+22	2,512344E+22	2,512352E+22	2,395401E+22	2,155983E+22	1,823786E+22	1,487823E+22	1,272600E+22	1,272573E+22	1,487755E+22	1,823720E+22
2252	2,155965E+22	2,395434E+22	2,512440E+22	2,512443E+22	2,395461E+22	2,155993E+22	1,823759E+22	1,487811E+22	1,272631E+22	1,272644E+22	1,487842E+22	1,823791E+22
2253	2,155996E+22	2,395428E+22	2,512391E+22	2,512335E+22	2,395324E+22	2,155910E+22	1,823742E+22	1,487830E+22	1,272656E+22	1,272660E+22	1,487840E+22	1,823759E+22
2254	2,155928E+22	2,395343E+22	2,512354E+22	2,512390E+22	2,395419E+22	2,155997E+22	1,823812E+22	1,487880E+22	1,272694E+22	1,272686E+22	1,487853E+22	1,823776E+22
2255	2,155973E+22	2,395417E+22	2,512426E+22	2,512435E+22	2,395430E+22	2,155953E+22	1,823750E+22	1,487846E+22	1,272701E+22	1,272727E+22	1,487912E+22	1,823829E+22
2256	2,155997E+22	2,395391E+22	2,512324E+22	2,512281E+22	2,395327E+22	2,155946E+22	1,823787E+22	1,487886E+22	1,272724E+22	1,272722E+22	1,487874E+22	1,823767E+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	2,155928E+22	2,395347E+22	2,512358E+22	2,512385E+22	2,395432E+22	2,156033E+22	1,823849E+22	1,487920E+22	1,272742E+22	1,272730E+22	1,487883E+22	1,823797E+22
2258	2,155991E+22	2,395422E+22	2,512400E+22	2,512381E+22	2,395369E+22	2,155927E+22	1,823766E+22	1,487883E+22	1,272733E+22	1,272735E+22	1,487891E+22	1,823785E+22
2259	2,155948E+22	2,395353E+22	2,512314E+22	2,512308E+22	2,395351E+22	2,155952E+22	1,823802E+22	1,487911E+22	1,272740E+22	1,272716E+22	1,487855E+22	1,823747E+22
2260	2,155916E+22	2,395351E+22	2,512383E+22	2,512419E+22	2,395453E+22	2,156011E+22	1,823795E+22	1,487869E+22	1,272711E+22	1,272725E+22	1,487903E+22	1,823820E+22
2261	2,155990E+22	2,395390E+22	2,512359E+22	2,512333E+22	2,395332E+22	2,155921E+22	1,823758E+22	1,487843E+22	1,272670E+22	1,272676E+22	1,487858E+22	1,823779E+22
2262	2,155947E+22	2,395337E+22	2,512307E+22	2,512335E+22	2,395390E+22	2,155986E+22	1,823806E+22	1,487866E+22	1,272661E+22	1,272638E+22	1,487809E+22	1,823751E+22
2263	2,155977E+22	2,395442E+22	2,512441E+22	2,512428E+22	2,395433E+22	2,155961E+22	1,823733E+22	1,487797E+22	1,272623E+22	1,272635E+22	1,487834E+22	1,823788E+22
2264	2,156004E+22	2,395440E+22	2,512398E+22	2,512330E+22	2,395325E+22	2,155915E+22	1,823726E+22	1,487790E+22	1,272603E+22	1,272601E+22	1,487782E+22	1,823717E+22
2265	2,155915E+22	2,395356E+22	2,512392E+22	2,512435E+22	2,395454E+22	2,156012E+22	1,823789E+22	1,487817E+22	1,272605E+22	1,272592E+22	1,487780E+22	1,823739E+22
2266	2,155973E+22	2,395434E+22	2,512444E+22	2,512463E+22	2,395456E+22	2,155956E+22	1,823714E+22	1,487766E+22	1,272584E+22	1,272599E+22	1,487806E+22	1,823759E+22
2267	2,155959E+22	2,395380E+22	2,512342E+22	2,512330E+22	2,395381E+22	2,155969E+22	1,823762E+22	1,487811E+22	1,272606E+22	1,272593E+22	1,487780E+22	1,823729E+22
2268	2,155927E+22	2,395355E+22	2,512375E+22	2,512411E+22	2,395461E+22	2,156037E+22	1,823801E+22	1,487828E+22	1,272629E+22	1,272632E+22	1,487829E+22	1,823790E+22
2269	2,156007E+22	2,395431E+22	2,512396E+22	2,512356E+22	2,395339E+22	2,155920E+22	1,823751E+22	1,487828E+22	1,272646E+22	1,272650E+22	1,487833E+22	1,823763E+22
2270	2,155951E+22	2,395356E+22	2,512313E+22	2,512313E+22	2,395349E+22	2,155949E+22	1,823796E+22	1,487890E+22	1,272705E+22	1,272681E+22	1,487831E+22	1,823740E+22
2271	2,155939E+22	2,395403E+22	2,512422E+22	2,512421E+22	2,395429E+22	2,155961E+22	1,823752E+22	1,487856E+22	1,272718E+22	1,272738E+22	1,487912E+22	1,823821E+22
2272	2,155989E+22	2,395398E+22	2,512365E+22	2,512316E+22	2,395308E+22	2,155901E+22	1,823746E+22	1,487868E+22	1,272737E+22	1,272756E+22	1,487910E+22	1,823788E+22
2273	2,155915E+22	2,395292E+22	2,512288E+22	2,512336E+22	2,395391E+22	2,156002E+22	1,823846E+22	1,487944E+22	1,272780E+22	1,272769E+22	1,487912E+22	1,823804E+22
2274	2,155974E+22	2,395392E+22	2,512371E+22	2,512380E+22	2,395402E+22	2,155959E+22	1,823787E+22	1,487915E+22	1,272786E+22	1,272798E+22	1,487947E+22	1,823826E+22
2275	2,155972E+22	2,395364E+22	2,512303E+22	2,512253E+22	2,395285E+22	2,155927E+22	1,823815E+22	1,487960E+22	1,272819E+22	1,272800E+22	1,487915E+22	1,823772E+22
2276	2,155904E+22	2,395300E+22	2,512309E+22	2,512345E+22	2,395390E+22	2,156001E+22	1,823855E+22	1,487979E+22	1,272838E+22	1,272828E+22	1,487948E+22	1,823809E+22
2277	2,155964E+22	2,395379E+22	2,512359E+22	2,512346E+22	2,395335E+22	2,155912E+22	1,823784E+22	1,487938E+22	1,272816E+22	1,272826E+22	1,487957E+22	1,823803E+22
2278	2,155916E+22	2,395291E+22	2,512251E+22	2,512262E+22	2,395324E+22	2,155949E+22	1,823821E+22	1,487961E+22	1,272816E+22	1,272799E+22	1,487921E+22	1,823778E+22
2279	2,155910E+22	2,395322E+22	2,512340E+22	2,512366E+22	2,395406E+22	2,155991E+22	1,823804E+22	1,487910E+22	1,272772E+22	1,272786E+22	1,487948E+22	1,823847E+22
2280	2,156005E+22	2,395389E+22	2,512338E+22	2,512298E+22	2,395293E+22	2,155899E+22	1,823762E+22	1,487882E+22	1,272738E+22	1,272748E+22	1,487900E+22	1,823789E+22
2281	2,155938E+22	2,395316E+22	2,512276E+22	2,512299E+22	2,395354E+22	2,155970E+22	1,823820E+22	1,487915E+22	1,272735E+22	1,272711E+22	1,487854E+22	1,823760E+22
2282	2,155962E+22	2,395419E+22	2,512415E+22	2,512409E+22	2,395419E+22	2,155956E+22	1,823749E+22	1,487844E+22	1,272693E+22	1,272704E+22	1,487874E+22	1,823785E+22
2283	2,155966E+22	2,395397E+22	2,512377E+22	2,512330E+22	2,395318E+22	2,155913E+22	1,823746E+22	1,487844E+22	1,272681E+22	1,272674E+22	1,487835E+22	1,823743E+22
2284	2,155903E+22	2,395299E+22	2,512318E+22	2,512383E+22	2,395429E+22	2,156011E+22	1,823809E+22	1,487868E+22	1,272686E+22	1,272680E+22	1,487847E+22	1,823772E+22
2285	2,155974E+22	2,395403E+22	2,512385E+22	2,512395E+22	2,395402E+22	2,155951E+22	1,823758E+22	1,487839E+22	1,272670E+22	1,272682E+22	1,487863E+22	1,823780E+22
2286	2,155952E+22	2,395349E+22	2,512291E+22	2,512271E+22	2,395323E+22	2,155945E+22	1,823790E+22	1,487886E+22	1,272706E+22	1,272685E+22	1,487837E+22	1,823743E+22
2287	2,155916E+22	2,395347E+22	2,512358E+22	2,512363E+22	2,395391E+22	2,155986E+22	1,823800E+22	1,487883E+22	1,272721E+22	1,272723E+22	1,487886E+22	1,823801E+22
2288	2,155993E+22	2,395415E+22	2,512388E+22	2,512343E+22	2,395305E+22	2,155884E+22	1,823742E+22	1,487872E+22	1,272741E+22	1,272757E+22	1,487905E+22	1,823777E+22
2289	2,155917E+22	2,395301E+22	2,512266E+22	2,512288E+22	2,395335E+22	2,155942E+22	1,823805E+22	1,487938E+22	1,272792E+22	1,272779E+22	1,487906E+22	1,823771E+22
2290	2,155923E+22	2,395352E+22	2,512358E+22	2,512381E+22	2,395419E+22	2,155976E+22	1,823784E+22	1,487912E+22	1,272796E+22	1,272818E+22	1,487967E+22	1,823839E+22
2291	2,155971E+22	2,395357E+22	2,512321E+22	2,512285E+22	2,395285E+22	2,155907E+22	1,823790E+22	1,487945E+22	1,272826E+22	1,272830E+22	1,487958E+22	1,823813E+22
2292	2,155916E+22	2,395257E+22	2,512223E+22	2,512272E+22	2,395345E+22	2,155987E+22	1,823873E+22	1,488017E+22	1,272881E+22	1,272863E+22	1,487968E+22	1,823815E+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	2,155962E+22	2,395372E+22	2,512339E+22	2,512328E+22	2,395343E+22	2,155941E+22	1,823826E+22	1,487994E+22	1,272887E+22	1,272894E+22	1,488004E+22	1,823829E+22
2294	2,155934E+22	2,395314E+22	2,512263E+22	2,512223E+22	2,395246E+22	2,155901E+22	1,823832E+22	1,488028E+22	1,272919E+22	1,272902E+22	1,487987E+22	1,823788E+22
2295	2,155872E+22	2,395257E+22	2,512268E+22	2,512306E+22	2,395352E+22	2,155972E+22	1,823851E+22	1,488018E+22	1,272914E+22	1,272915E+22	1,488018E+22	1,823844E+22
2296	2,155960E+22	2,395346E+22	2,512314E+22	2,512308E+22	2,395308E+22	2,155901E+22	1,823787E+22	1,487969E+22	1,272884E+22	1,272909E+22	1,488023E+22	1,823838E+22
2297	2,155917E+22	2,395258E+22	2,512190E+22	2,512201E+22	2,395283E+22	2,155938E+22	1,823841E+22	1,488006E+22	1,272880E+22	1,272864E+22	1,487971E+22	1,823808E+22
2298	2,155925E+22	2,395319E+22	2,512305E+22	2,512321E+22	2,395370E+22	2,155977E+22	1,823823E+22	1,487959E+22	1,272836E+22	1,272840E+22	1,487972E+22	1,823843E+22
2299	2,155990E+22	2,395383E+22	2,512340E+22	2,512295E+22	2,395265E+22	2,155877E+22	1,823776E+22	1,487935E+22	1,272809E+22	1,272806E+22	1,487931E+22	1,823792E+22
2300	2,155917E+22	2,395282E+22	2,512242E+22	2,512279E+22	2,395333E+22	2,155950E+22	1,823826E+22	1,487962E+22	1,272813E+22	1,272792E+22	1,487907E+22	1,823766E+22
2301	2,155932E+22	2,395379E+22	2,512380E+22	2,512384E+22	2,395399E+22	2,155961E+22	1,823782E+22	1,487899E+22	1,272769E+22	1,272783E+22	1,487929E+22	1,823795E+22
2302	2,155930E+22	2,395334E+22	2,512313E+22	2,512287E+22	2,395295E+22	2,155918E+22	1,823782E+22	1,487908E+22	1,272764E+22	1,272759E+22	1,487897E+22	1,823764E+22
2303	2,155889E+22	2,395268E+22	2,512264E+22	2,512318E+22	2,395377E+22	2,155991E+22	1,823830E+22	1,487927E+22	1,272767E+22	1,272759E+22	1,487902E+22	1,823797E+22
2304	2,155977E+22	2,395391E+22	2,512352E+22	2,512349E+22	2,395353E+22	2,155922E+22	1,823764E+22	1,487892E+22	1,272763E+22	1,272778E+22	1,487922E+22	1,823793E+22
2305	2,155935E+22	2,395318E+22	2,512248E+22	2,512221E+22	2,395271E+22	2,155915E+22	1,823801E+22	1,487944E+22	1,272800E+22	1,272782E+22	1,487905E+22	1,823764E+22
2306	2,155902E+22	2,395318E+22	2,512324E+22	2,512340E+22	2,395365E+22	2,155963E+22	1,823807E+22	1,487935E+22	1,272807E+22	1,272811E+22	1,487946E+22	1,823816E+22
2307	2,155964E+22	2,395373E+22	2,512358E+22	2,512336E+22	2,395297E+22	2,155875E+22	1,823756E+22	1,487925E+22	1,272823E+22	1,272841E+22	1,487973E+22	1,823817E+22
2308	2,155912E+22	2,395251E+22	2,512195E+22	2,512234E+22	2,395309E+22	2,155942E+22	1,823832E+22	1,487995E+22	1,272878E+22	1,272872E+22	1,487977E+22	1,823806E+22
2309	2,155927E+22	2,395329E+22	2,512308E+22	2,512318E+22	2,395367E+22	2,155977E+22	1,823838E+22	1,487990E+22	1,272888E+22	1,272902E+22	1,488019E+22	1,823851E+22
2310	2,155954E+22	2,395325E+22	2,512275E+22	2,512236E+22	2,395239E+22	2,155891E+22	1,823827E+22	1,488028E+22	1,272934E+22	1,272926E+22	1,488011E+22	1,823813E+22
2311	2,155890E+22	2,395238E+22	2,512197E+22	2,512226E+22	2,395290E+22	2,155950E+22	1,823881E+22	1,488078E+22	1,272978E+22	1,272959E+22	1,488026E+22	1,823821E+22
2312	2,155932E+22	2,395336E+22	2,512312E+22	2,512309E+22	2,395316E+22	2,155913E+22	1,823822E+22	1,488041E+22	1,272981E+22	1,272998E+22	1,488076E+22	1,823845E+22
2313	2,155896E+22	2,395249E+22	2,512198E+22	2,512180E+22	2,395226E+22	2,155895E+22	1,823847E+22	1,488075E+22	1,272999E+22	1,272992E+22	1,488061E+22	1,823828E+22
2314	2,155867E+22	2,395212E+22	2,512203E+22	2,512256E+22	2,395326E+22	2,155969E+22	1,823876E+22	1,488065E+22	1,272978E+22	1,272980E+22	1,488067E+22	1,823869E+22
2315	2,155959E+22	2,395324E+22	2,512280E+22	2,512274E+22	2,395278E+22	2,155891E+22	1,823813E+22	1,488026E+22	1,272952E+22	1,272966E+22	1,488065E+22	1,823867E+22
2316	2,155928E+22	2,395247E+22	2,512150E+22	2,512149E+22	2,395239E+22	2,155917E+22	1,823855E+22	1,488057E+22	1,272956E+22	1,272938E+22	1,488015E+22	1,823818E+22
2317	2,155920E+22	2,395318E+22	2,512297E+22	2,512288E+22	2,395322E+22	2,155960E+22	1,823852E+22	1,488017E+22	1,272913E+22	1,272913E+22	1,488013E+22	1,823838E+22
2318	2,155952E+22	2,395343E+22	2,512319E+22	2,512291E+22	2,395255E+22	2,155863E+22	1,823791E+22	1,487991E+22	1,272893E+22	1,272889E+22	1,487985E+22	1,823795E+22
2319	2,155883E+22	2,395245E+22	2,512206E+22	2,512249E+22	2,395312E+22	2,155934E+22	1,823828E+22	1,487998E+22	1,272882E+22	1,272869E+22	1,487966E+22	1,823790E+22
2320	2,155914E+22	2,395335E+22	2,512329E+22	2,512345E+22	2,395378E+22	2,155958E+22	1,823797E+22	1,487943E+22	1,272842E+22	1,272864E+22	1,487989E+22	1,823821E+22
2321	2,155919E+22	2,395291E+22	2,512245E+22	2,512220E+22	2,395252E+22	2,155907E+22	1,823810E+22	1,487967E+22	1,272842E+22	1,272836E+22	1,487954E+22	1,823793E+22
2322	2,155891E+22	2,395248E+22	2,512218E+22	2,512260E+22	2,395324E+22	2,155961E+22	1,823847E+22	1,487986E+22	1,272849E+22	1,272833E+22	1,487944E+22	1,823801E+22
2323	2,155958E+22	2,395373E+22	2,512339E+22	2,512329E+22	2,395316E+22	2,155892E+22	1,823775E+22	1,487950E+22	1,272848E+22	1,272860E+22	1,487980E+22	1,823815E+22
2324	2,155916E+22	2,395279E+22	2,512206E+22	2,512187E+22	2,395243E+22	2,155889E+22	1,823802E+22	1,487991E+22	1,272888E+22	1,272880E+22	1,487977E+22	1,823789E+22
2325	2,155884E+22	2,395281E+22	2,512285E+22	2,512302E+22	2,395338E+22	2,155964E+22	1,823841E+22	1,487994E+22	1,272891E+22	1,272900E+22	1,488011E+22	1,823839E+22
2326	2,155941E+22	2,395319E+22	2,512300E+22	2,512298E+22	2,395279E+22	2,155880E+22	1,823797E+22	1,487998E+22	1,272916E+22	1,272931E+22	1,488033E+22	1,823836E+22
2327	2,155902E+22	2,395229E+22	2,512147E+22	2,512172E+22	2,395260E+22	2,155924E+22	1,823860E+22	1,488065E+22	1,272970E+22	1,272958E+22	1,488032E+22	1,823823E+22
2328	2,155917E+22	2,395309E+22	2,512278E+22	2,512275E+22	2,395324E+22	2,155956E+22	1,823857E+22	1,488060E+22	1,272993E+22	1,273003E+22	1,488078E+22	1,823856E+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°
2329	2,155922E+22	2,395283E+22	2,512230E+22	2,512187E+22	2,395195E+22	2,155868E+22	1,823850E+22	1,488099E+22	1,273036E+22	1,273030E+22	1,488084E+22	1,823833E+22
2330	2,155865E+22	2,395192E+22	2,512151E+22	2,512192E+22	2,395262E+22	2,155925E+22	1,823891E+22	1,488135E+22	1,273067E+22	1,273051E+22	1,488091E+22	1,823842E+22
2331	2,155905E+22	2,395286E+22	2,512269E+22	2,512284E+22	2,395303E+22	2,155905E+22	1,823835E+22	1,488090E+22	1,273057E+22	1,273079E+22	1,488147E+22	1,823893E+22
2332	2,155900E+22	2,395205E+22	2,512126E+22	2,512114E+22	2,395187E+22	2,155884E+22	1,823865E+22	1,488123E+22	1,273072E+22	1,273071E+22	1,488125E+22	1,823868E+22
2333	2,155884E+22	2,395208E+22	2,512172E+22	2,512198E+22	2,395267E+22	2,155952E+22	1,823912E+22	1,488128E+22	1,273052E+22	1,273046E+22	1,488107E+22	1,823880E+22
2334	2,155951E+22	2,395310E+22	2,512261E+22	2,512243E+22	2,395240E+22	2,155866E+22	1,823832E+22	1,488088E+22	1,273035E+22	1,273040E+22	1,488101E+22	1,823859E+22
2335	2,155906E+22	2,395242E+22	2,512148E+22	2,512127E+22	2,395203E+22	2,155884E+22	1,823853E+22	1,488099E+22	1,273029E+22	1,273012E+22	1,488059E+22	1,823816E+22
2336	2,155885E+22	2,395283E+22	2,512283E+22	2,512287E+22	2,395319E+22	2,155944E+22	1,823848E+22	1,488053E+22	1,272987E+22	1,272994E+22	1,488066E+22	1,823841E+22
2337	2,155906E+22	2,395273E+22	2,512254E+22	2,512251E+22	2,395249E+22	2,155871E+22	1,823815E+22	1,488037E+22	1,272962E+22	1,272965E+22	1,488045E+22	1,823823E+22
2338	2,155868E+22	2,395189E+22	2,512137E+22	2,512195E+22	2,395289E+22	2,155935E+22	1,823859E+22	1,488053E+22	1,272949E+22	1,272932E+22	1,488010E+22	1,823810E+22
2339	2,155905E+22	2,395300E+22	2,512280E+22	2,512297E+22	2,395344E+22	2,155946E+22	1,823824E+22	1,488005E+22	1,272917E+22	1,272931E+22	1,488039E+22	1,823852E+22
2340	2,155921E+22	2,395266E+22	2,512193E+22	2,512152E+22	2,395196E+22	2,155878E+22	1,823825E+22	1,488026E+22	1,272930E+22	1,272924E+22	1,488014E+22	1,823815E+22
2341	2,155888E+22	2,395240E+22	2,512205E+22	2,512217E+22	2,395262E+22	2,155928E+22	1,823869E+22	1,488048E+22	1,272937E+22	1,272922E+22	1,488004E+22	1,823813E+22
2342	2,155929E+22	2,395332E+22	2,512311E+22	2,512311E+22	2,395295E+22	2,155869E+22	1,823785E+22	1,488008E+22	1,272941E+22	1,272956E+22	1,488046E+22	1,823833E+22
2343	2,155898E+22	2,395252E+22	2,512170E+22	2,512148E+22	2,395219E+22	2,155875E+22	1,823808E+22	1,488033E+22	1,272965E+22	1,272968E+22	1,488045E+22	1,823822E+22
2344	2,155880E+22	2,395251E+22	2,512242E+22	2,512261E+22	2,395314E+22	2,155958E+22	1,823861E+22	1,488051E+22	1,272977E+22	1,272987E+22	1,488070E+22	1,823860E+22
2345	2,155929E+22	2,395281E+22	2,512242E+22	2,512237E+22	2,395241E+22	2,155873E+22	1,823834E+22	1,488075E+22	1,273012E+22	1,273018E+22	1,488089E+22	1,823855E+22
2346	2,155891E+22	2,395201E+22	2,512112E+22	2,512127E+22	2,395215E+22	2,155899E+22	1,823884E+22	1,488138E+22	1,273069E+22	1,273046E+22	1,488079E+22	1,823822E+22
2347	2,155880E+22	2,395268E+22	2,512254E+22	2,512257E+22	2,395298E+22	2,155934E+22	1,823875E+22	1,488128E+22	1,273089E+22	1,273099E+22	1,488148E+22	1,823878E+22
2348	2,155890E+22	2,395224E+22	2,512172E+22	2,512142E+22	2,395167E+22	2,155851E+22	1,823861E+22	1,488156E+22	1,273132E+22	1,273136E+22	1,488166E+22	1,823868E+22
2349	2,155850E+22	2,395149E+22	2,512100E+22	2,512134E+22	2,395219E+22	2,155921E+22	1,823925E+22	1,488195E+22	1,273152E+22	1,273141E+22	1,488161E+22	1,823874E+22
2350	2,155894E+22	2,395240E+22	2,512212E+22	2,512234E+22	2,395272E+22	2,155900E+22	1,823867E+22	1,488157E+22	1,273143E+22	1,273161E+22	1,488202E+22	1,823916E+22
2351	2,155908E+22	2,395203E+22	2,512095E+22	2,512058E+22	2,395137E+22	2,155855E+22	1,823872E+22	1,488172E+22	1,273146E+22	1,273142E+22	1,488170E+22	1,823884E+22
2352	2,155885E+22	2,395203E+22	2,512161E+22	2,512170E+22	2,395231E+22	2,155924E+22	1,823913E+22	1,488176E+22	1,273133E+22	1,273122E+22	1,488148E+22	1,823880E+22
2353	2,155922E+22	2,395276E+22	2,512234E+22	2,512220E+22	2,395220E+22	2,155851E+22	1,823846E+22	1,488139E+22	1,273110E+22	1,273115E+22	1,488152E+22	1,823868E+22
2354	2,155875E+22	2,395192E+22	2,512116E+22	2,512113E+22	2,395193E+22	2,155870E+22	1,823860E+22	1,488140E+22	1,273095E+22	1,273080E+22	1,488106E+22	1,823826E+22
2355	2,155851E+22	2,395224E+22	2,512235E+22	2,512263E+22	2,395317E+22	2,155955E+22	1,823871E+22	1,488096E+22	1,273047E+22	1,273059E+22	1,488124E+22	1,823877E+22
2356	2,155899E+22	2,395224E+22	2,512179E+22	2,512178E+22	2,395209E+22	2,155869E+22	1,823843E+22	1,488091E+22	1,273033E+22	1,273038E+22	1,488101E+22	1,823856E+22
2357	2,155879E+22	2,395179E+22	2,512098E+22	2,512119E+22	2,395218E+22	2,155915E+22	1,823894E+22	1,488120E+22	1,273029E+22	1,273003E+22	1,488052E+22	1,823821E+22
2358	2,155897E+22	2,395279E+22	2,512253E+22	2,512255E+22	2,395296E+22	2,155914E+22	1,823838E+22	1,488070E+22	1,273010E+22	1,273015E+22	1,488084E+22	1,823852E+22
2359	2,155907E+22	2,395258E+22	2,512182E+22	2,512121E+22	2,395151E+22	2,155834E+22	1,823814E+22	1,488067E+22	1,273010E+22	1,273011E+22	1,488073E+22	1,823830E+22
2360	2,155866E+22	2,395209E+22	2,512189E+22	2,512209E+22	2,395251E+22	2,155905E+22	1,823860E+22	1,488089E+22	1,273020E+22	1,273012E+22	1,488067E+22	1,823832E+22
2361	2,155899E+22	2,395274E+22	2,512255E+22	2,512271E+22	2,395284E+22	2,155877E+22	1,823812E+22	1,488062E+22	1,273020E+22	1,273040E+22	1,488112E+22	1,823864E+22
2362	2,155888E+22	2,395204E+22	2,512119E+22	2,512107E+22	2,395194E+22	2,155873E+22	1,823842E+22	1,488100E+22	1,273048E+22	1,273044E+22	1,488093E+22	1,823837E+22
2363	2,155865E+22	2,395216E+22	2,512201E+22	2,512222E+22	2,395290E+22	2,155956E+22	1,823897E+22	1,488127E+22	1,273070E+22	1,273071E+22	1,488126E+22	1,823879E+22
2364	2,155913E+22	2,395244E+22	2,512189E+22	2,512172E+22	2,395192E+22	2,155858E+22	1,823863E+22	1,488153E+22	1,273122E+22	1,273126E+22	1,488159E+22	1,823873E+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	2,155873E+22	2,395172E+22	2,512085E+22	2,512078E+22	2,395159E+22	2,155877E+22	1,823915E+22	1,488215E+22	1,273176E+22	1,273152E+22	1,488152E+22	1,823842E+22
2366	2,155847E+22	2,395206E+22	2,512202E+22	2,512224E+22	2,395274E+22	2,155915E+22	1,823889E+22	1,488194E+22	1,273193E+22	1,273206E+22	1,488223E+22	1,823906E+22
2367	2,155881E+22	2,395188E+22	2,512116E+22	2,512084E+22	2,395127E+22	2,155832E+22	1,823867E+22	1,488200E+22	1,273211E+22	1,273227E+22	1,488242E+22	1,823914E+22
2368	2,155861E+22	2,395128E+22	2,512059E+22	2,512087E+22	2,395178E+22	2,155898E+22	1,823931E+22	1,488245E+22	1,273230E+22	1,273218E+22	1,488215E+22	1,823900E+22
2369	2,155895E+22	2,395219E+22	2,512168E+22	2,512174E+22	2,395224E+22	2,155881E+22	1,823888E+22	1,488216E+22	1,273222E+22	1,273233E+22	1,488246E+22	1,823929E+22
2370	2,155901E+22	2,395186E+22	2,512084E+22	2,512037E+22	2,395101E+22	2,155828E+22	1,823882E+22	1,488223E+22	1,273220E+22	1,273208E+22	1,488201E+22	1,823874E+22
2371	2,155852E+22	2,395171E+22	2,512151E+22	2,512172E+22	2,395226E+22	2,155914E+22	1,823922E+22	1,488222E+22	1,273200E+22	1,273191E+22	1,488196E+22	1,823887E+22
2372	2,155885E+22	2,395217E+22	2,512180E+22	2,512185E+22	2,395210E+22	2,155855E+22	1,823863E+22	1,488186E+22	1,273185E+22	1,273195E+22	1,488210E+22	1,823888E+22
2373	2,155854E+22	2,395145E+22	2,512066E+22	2,512059E+22	2,395159E+22	2,155881E+22	1,823900E+22	1,488198E+22	1,273166E+22	1,273150E+22	1,488157E+22	1,823847E+22
2374	2,155834E+22	2,395168E+22	2,512169E+22	2,512207E+22	2,395283E+22	2,155952E+22	1,823906E+22	1,488165E+22	1,273130E+22	1,273133E+22	1,488167E+22	1,823890E+22
2375	2,155902E+22	2,395214E+22	2,512138E+22	2,512111E+22	2,395147E+22	2,155838E+22	1,823851E+22	1,488142E+22	1,273112E+22	1,273115E+22	1,488152E+22	1,823876E+22
2376	2,155881E+22	2,395174E+22	2,512086E+22	2,512085E+22	2,395167E+22	2,155872E+22	1,823886E+22	1,488168E+22	1,273115E+22	1,273087E+22	1,488104E+22	1,823831E+22
2377	2,155876E+22	2,395249E+22	2,512227E+22	2,512226E+22	2,395262E+22	2,155886E+22	1,823842E+22	1,488121E+22	1,273092E+22	1,273102E+22	1,488147E+22	1,823875E+22
2378	2,155888E+22	2,395215E+22	2,512157E+22	2,512116E+22	2,395141E+22	2,155817E+22	1,823813E+22	1,488106E+22	1,273082E+22	1,273087E+22	1,488129E+22	1,823852E+22
2379	2,155848E+22	2,395162E+22	2,512146E+22	2,512189E+22	2,395251E+22	2,155918E+22	1,823883E+22	1,488135E+22	1,273085E+22	1,273085E+22	1,488130E+22	1,823868E+22
2380	2,155895E+22	2,395232E+22	2,512190E+22	2,512206E+22	2,395250E+22	2,155884E+22	1,823851E+22	1,488132E+22	1,273107E+22	1,273123E+22	1,488170E+22	1,823891E+22
2381	2,155890E+22	2,395188E+22	2,512085E+22	2,512041E+22	2,395130E+22	2,155864E+22	1,823887E+22	1,488185E+22	1,273151E+22	1,273134E+22	1,488143E+22	1,823842E+22
2382	2,155840E+22	2,395174E+22	2,512162E+22	2,512182E+22	2,395250E+22	2,155938E+22	1,823926E+22	1,488211E+22	1,273186E+22	1,273178E+22	1,488182E+22	1,823878E+22
2383	2,155886E+22	2,395214E+22	2,512155E+22	2,512130E+22	2,395146E+22	2,155823E+22	1,823863E+22	1,488209E+22	1,273223E+22	1,273234E+22	1,488236E+22	1,823897E+22
2384	2,155848E+22	2,395124E+22	2,512042E+22	2,512045E+22	2,395129E+22	2,155850E+22	1,823912E+22	1,488267E+22	1,273272E+22	1,273254E+22	1,488228E+22	1,823874E+22
2385	2,155830E+22	2,395148E+22	2,512130E+22	2,512163E+22	2,395240E+22	2,155912E+22	1,823916E+22	1,488252E+22	1,273276E+22	1,273294E+22	1,488293E+22	1,823947E+22
2386	2,155885E+22	2,395151E+22	2,512069E+22	2,512040E+22	2,395086E+22	2,155812E+22	1,823885E+22	1,488255E+22	1,273287E+22	1,273297E+22	1,488286E+22	1,823932E+22
2387	2,155861E+22	2,395112E+22	2,512034E+22	2,512056E+22	2,395151E+22	2,155887E+22	1,823950E+22	1,488299E+22	1,273304E+22	1,273289E+22	1,488264E+22	1,823914E+22
2388	2,155883E+22	2,395197E+22	2,512138E+22	2,512130E+22	2,395183E+22	2,155868E+22	1,823909E+22	1,488276E+22	1,273308E+22	1,273317E+22	1,488297E+22	1,823935E+22
2389	2,155879E+22	2,395162E+22	2,512070E+22	2,512012E+22	2,395066E+22	2,155818E+22	1,823906E+22	1,488283E+22	1,273304E+22	1,273290E+22	1,488251E+22	1,823878E+22
2390	2,155812E+22	2,395108E+22	2,512101E+22	2,512152E+22	2,395223E+22	2,155917E+22	1,823942E+22	1,488277E+22	1,273285E+22	1,273275E+22	1,488247E+22	1,823897E+22
2391	2,155869E+22	2,395176E+22	2,512119E+22	2,512129E+22	2,395175E+22	2,155848E+22	1,823877E+22	1,488227E+22	1,273253E+22	1,273270E+22	1,488269E+22	1,823920E+22
2392	2,155857E+22	2,395120E+22	2,512020E+22	2,512008E+22	2,395109E+22	2,155855E+22	1,823912E+22	1,488252E+22	1,273242E+22	1,273219E+22	1,488204E+22	1,823867E+22
2393	2,155833E+22	2,395146E+22	2,512122E+22	2,512145E+22	2,395224E+22	2,155924E+22	1,823922E+22	1,488222E+22	1,273209E+22	1,273207E+22	1,488215E+22	1,823905E+22
2394	2,155894E+22	2,395194E+22	2,512126E+22	2,512094E+22	2,395104E+22	2,155799E+22	1,823847E+22	1,488184E+22	1,273184E+22	1,273188E+22	1,488196E+22	1,823878E+22
2395	2,155858E+22	2,395147E+22	2,512075E+22	2,512089E+22	2,395162E+22	2,155857E+22	1,823882E+22	1,488200E+22	1,273179E+22	1,273164E+22	1,488167E+22	1,823851E+22
2396	2,155851E+22	2,395199E+22	2,512176E+22	2,512190E+22	2,395248E+22	2,155891E+22	1,823860E+22	1,488166E+22	1,273168E+22	1,273186E+22	1,488212E+22	1,823904E+22
2397	2,155880E+22	2,395179E+22	2,512113E+22	2,512071E+22	2,395113E+22	2,155834E+22	1,823857E+22	1,488169E+22	1,273161E+22	1,273163E+22	1,488180E+22	1,823871E+22
2398	2,155836E+22	2,395116E+22	2,512087E+22	2,512143E+22	2,395225E+22	2,155922E+22	1,823926E+22	1,488215E+22	1,273184E+22	1,273169E+22	1,488172E+22	1,823872E+22
2399	2,155889E+22	2,395214E+22	2,512143E+22	2,512141E+22	2,395193E+22	2,155863E+22	1,823874E+22	1,488201E+22	1,273207E+22	1,273220E+22	1,488230E+22	1,823906E+22
2400	2,155876E+22	2,395165E+22	2,512060E+22	2,512006E+22	2,395077E+22	2,155825E+22	1,823896E+22	1,488255E+22	1,273259E+22	1,273238E+22	1,488210E+22	1,823855E+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	2,155808E+22	2,395121E+22	2,512107E+22	2,512134E+22	2,395204E+22	2,155910E+22	1,823938E+22	1,488276E+22	1,273289E+22	1,273287E+22	1,488264E+22	1,823908E+22
2402	2,155862E+22	2,395155E+22	2,512106E+22	2,512101E+22	2,395117E+22	2,155801E+22	1,823866E+22	1,488256E+22	1,273308E+22	1,273328E+22	1,488308E+22	1,823932E+22
2403	2,155843E+22	2,395085E+22	2,511990E+22	2,512006E+22	2,395108E+22	2,155848E+22	1,823928E+22	1,488311E+22	1,273341E+22	1,273336E+22	1,488300E+22	1,823916E+22
2404	2,155837E+22	2,395122E+22	2,512072E+22	2,512093E+22	2,395186E+22	2,155901E+22	1,823945E+22	1,488318E+22	1,273363E+22	1,273374E+22	1,488347E+22	1,823972E+22
2405	2,155893E+22	2,395150E+22	2,512052E+22	2,511994E+22	2,395033E+22	2,155797E+22	1,823915E+22	1,488325E+22	1,273376E+22	1,273374E+22	1,488324E+22	1,823928E+22
2406	2,155834E+22	2,395082E+22	2,512014E+22	2,512041E+22	2,395128E+22	2,155873E+22	1,823971E+22	1,488366E+22	1,273399E+22	1,273376E+22	1,488302E+22	1,823900E+22
2407	2,155849E+22	2,395166E+22	2,512109E+22	2,512106E+22	2,395159E+22	2,155852E+22	1,823916E+22	1,488321E+22	1,273389E+22	1,273405E+22	1,488359E+22	1,823948E+22
2408	2,155846E+22	2,395111E+22	2,512028E+22	2,511991E+22	2,395050E+22	2,155808E+22	1,823917E+22	1,488331E+22	1,273383E+22	1,273371E+22	1,488311E+22	1,823899E+22
2409	2,155788E+22	2,395045E+22	2,512021E+22	2,512090E+22	2,395190E+22	2,155920E+22	1,823975E+22	1,488335E+22	1,273360E+22	1,273351E+22	1,488305E+22	1,823926E+22
2410	2,155863E+22	2,395136E+22	2,512067E+22	2,512084E+22	2,395131E+22	2,155826E+22	1,823891E+22	1,488277E+22	1,273322E+22	1,273335E+22	1,488312E+22	1,823937E+22
2411	2,155859E+22	2,395107E+22	2,511990E+22	2,511972E+22	2,395074E+22	2,155835E+22	1,823919E+22	1,488293E+22	1,273307E+22	1,273290E+22	1,488257E+22	1,823887E+22
2412	2,155827E+22	2,395130E+22	2,512094E+22	2,512101E+22	2,395173E+22	2,155898E+22	1,823933E+22	1,488273E+22	1,273288E+22	1,273288E+22	1,488272E+22	1,823925E+22
2413	2,155885E+22	2,395178E+22	2,512113E+22	2,512072E+22	2,395073E+22	2,155783E+22	1,823858E+22	1,488230E+22	1,273259E+22	1,273265E+22	1,488250E+22	1,823893E+22
2414	2,155833E+22	2,395099E+22	2,512032E+22	2,512073E+22	2,395163E+22	2,155865E+22	1,823903E+22	1,488248E+22	1,273256E+22	1,273243E+22	1,488216E+22	1,823867E+22
2415	2,155847E+22	2,395173E+22	2,512123E+22	2,512137E+22	2,395214E+22	2,155891E+22	1,823883E+22	1,488212E+22	1,273237E+22	1,273260E+22	1,488268E+22	1,823930E+22
2416	2,155880E+22	2,395159E+22	2,512072E+22	2,512024E+22	2,395064E+22	2,155809E+22	1,823880E+22	1,488239E+22	1,273251E+22	1,273242E+22	1,488226E+22	1,823880E+22
2417	2,155821E+22	2,395085E+22	2,512035E+22	2,512082E+22	2,395170E+22	2,155902E+22	1,823956E+22	1,488292E+22	1,273286E+22	1,273263E+22	1,488227E+22	1,823876E+22
2418	2,155857E+22	2,395172E+22	2,512117E+22	2,512120E+22	2,395148E+22	2,155825E+22	1,823879E+22	1,488260E+22	1,273303E+22	1,273316E+22	1,488290E+22	1,823912E+22
2419	2,155841E+22	2,395117E+22	2,512024E+22	2,511991E+22	2,395062E+22	2,155807E+22	1,823901E+22	1,488302E+22	1,273344E+22	1,273338E+22	1,488293E+22	1,823885E+22
2420	2,155783E+22	2,395064E+22	2,512039E+22	2,512076E+22	2,395166E+22	2,155905E+22	1,823962E+22	1,488335E+22	1,273380E+22	1,273386E+22	1,488343E+22	1,823950E+22
2421	2,155861E+22	2,395122E+22	2,512052E+22	2,512040E+22	2,395075E+22	2,155802E+22	1,823903E+22	1,488322E+22	1,273396E+22	1,273414E+22	1,488368E+22	1,823958E+22
2422	2,155839E+22	2,395054E+22	2,511941E+22	2,511961E+22	2,395079E+22	2,155844E+22	1,823961E+22	1,488384E+22	1,273438E+22	1,273421E+22	1,488343E+22	1,823924E+22
2423	2,155839E+22	2,395117E+22	2,512041E+22	2,512041E+22	2,395132E+22	2,155876E+22	1,823961E+22	1,488378E+22	1,273455E+22	1,273465E+22	1,488404E+22	1,823983E+22
2424	2,155877E+22	2,395132E+22	2,512041E+22	2,511981E+22	2,394997E+22	2,155763E+22	1,823926E+22	1,488390E+22	1,273472E+22	1,273465E+22	1,488380E+22	1,823933E+22
2425	2,155797E+22	2,395030E+22	2,511965E+22	2,512013E+22	2,395109E+22	2,155861E+22	1,823988E+22	1,488425E+22	1,273489E+22	1,273469E+22	1,488370E+22	1,823919E+22
2426	2,155812E+22	2,395099E+22	2,512058E+22	2,512083E+22	2,395143E+22	2,155846E+22	1,823928E+22	1,488362E+22	1,273459E+22	1,273482E+22	1,488418E+22	1,823975E+22
2427	2,155836E+22	2,395069E+22	2,511971E+22	2,511948E+22	2,395030E+22	2,155811E+22	1,823940E+22	1,488371E+22	1,273440E+22	1,273440E+22	1,488374E+22	1,823934E+22
2428	2,155792E+22	2,395021E+22	2,511958E+22	2,512007E+22	2,395124E+22	2,155900E+22	1,824004E+22	1,488396E+22	1,273437E+22	1,273422E+22	1,488355E+22	1,823952E+22
2429	2,155872E+22	2,395137E+22	2,512046E+22	2,512032E+22	2,395077E+22	2,155803E+22	1,823909E+22	1,488334E+22	1,273401E+22	1,273406E+22	1,488351E+22	1,823940E+22
2430	2,155841E+22	2,395088E+22	2,511977E+22	2,511960E+22	2,395053E+22	2,155812E+22	1,823923E+22	1,488339E+22	1,273385E+22	1,273365E+22	1,488295E+22	1,823885E+22
2431	2,155809E+22	2,395109E+22	2,512067E+22	2,512077E+22	2,395147E+22	2,155874E+22	1,823930E+22	1,488306E+22	1,273356E+22	1,273366E+22	1,488331E+22	1,823945E+22
2432	2,155865E+22	2,395142E+22	2,512081E+22	2,512058E+22	2,395061E+22	2,155773E+22	1,823872E+22	1,488277E+22	1,273328E+22	1,273334E+22	1,488300E+22	1,823911E+22
2433	2,155814E+22	2,395051E+22	2,511966E+22	2,512019E+22	2,395133E+22	2,155868E+22	1,823941E+22	1,488312E+22	1,273333E+22	1,273317E+22	1,488267E+22	1,823882E+22
2434	2,155826E+22	2,395132E+22	2,512081E+22	2,512098E+22	2,395174E+22	2,155875E+22	1,823909E+22	1,488274E+22	1,273320E+22	1,273335E+22	1,488310E+22	1,823935E+22
2435	2,155864E+22	2,395136E+22	2,512041E+22	2,511988E+22	2,395033E+22	2,155795E+22	1,823900E+22	1,488295E+22	1,273337E+22	1,273334E+22	1,488292E+22	1,823892E+22
2436	2,155794E+22	2,395048E+22	2,511988E+22	2,512025E+22	2,395115E+22	2,155874E+22	1,823977E+22	1,488363E+22	1,273391E+22	1,273370E+22	1,488303E+22	1,823902E+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	2,155835E+22	2,395131E+22	2,512074E+22	2,512081E+22	2,395118E+22	2,155810E+22	1,823894E+22	1,488322E+22	1,273402E+22	1,273419E+22	1,488365E+22	1,823940E+22
2438	2,155819E+22	2,395062E+22	2,511963E+22	2,511954E+22	2,395048E+22	2,155807E+22	1,823923E+22	1,488359E+22	1,273435E+22	1,273434E+22	1,488359E+22	1,823920E+22
2439	2,155793E+22	2,395041E+22	2,511981E+22	2,512008E+22	2,395112E+22	2,155885E+22	1,823983E+22	1,488391E+22	1,273464E+22	1,273475E+22	1,488413E+22	1,823989E+22
2440	2,155874E+22	2,395115E+22	2,512023E+22	2,511996E+22	2,395022E+22	2,155768E+22	1,823923E+22	1,488394E+22	1,273489E+22	1,273497E+22	1,488418E+22	1,823970E+22
2441	2,155828E+22	2,395035E+22	2,511909E+22	2,511917E+22	2,395034E+22	2,155823E+22	1,823986E+22	1,488454E+22	1,273537E+22	1,273515E+22	1,488397E+22	1,823925E+22
2442	2,155800E+22	2,395078E+22	2,512028E+22	2,512035E+22	2,395106E+22	2,155850E+22	1,823969E+22	1,488430E+22	1,273541E+22	1,273553E+22	1,488457E+22	1,823985E+22
2443	2,155839E+22	2,395083E+22	2,512003E+22	2,511970E+22	2,395002E+22	2,155765E+22	1,823939E+22	1,488431E+22	1,273545E+22	1,273553E+22	1,488452E+22	1,823956E+22
2444	2,155767E+22	2,394969E+22	2,511892E+22	2,511951E+22	2,395080E+22	2,155868E+22	1,824024E+22	1,488485E+22	1,273569E+22	1,273552E+22	1,488437E+22	1,823955E+22
2445	2,155807E+22	2,395059E+22	2,511996E+22	2,512016E+22	2,395104E+22	2,155845E+22	1,823963E+22	1,488425E+22	1,273535E+22	1,273552E+22	1,488466E+22	1,823996E+22
2446	2,155831E+22	2,395039E+22	2,511922E+22	2,511896E+22	2,394994E+22	2,155799E+22	1,823966E+22	1,488433E+22	1,273522E+22	1,273511E+22	1,488410E+22	1,823945E+22
2447	2,155800E+22	2,395022E+22	2,511935E+22	2,511952E+22	2,395060E+22	2,155859E+22	1,824006E+22	1,488441E+22	1,273511E+22	1,273500E+22	1,488408E+22	1,823967E+22
2448	2,155862E+22	2,395128E+22	2,512042E+22	2,512017E+22	2,395034E+22	2,155754E+22	1,823906E+22	1,488382E+22	1,273476E+22	1,273481E+22	1,488400E+22	1,823949E+22
2449	2,155814E+22	2,395049E+22	2,511942E+22	2,511938E+22	2,395040E+22	2,155800E+22	1,823930E+22	1,488381E+22	1,273457E+22	1,273443E+22	1,488353E+22	1,823903E+22
2450	2,155779E+22	2,395058E+22	2,512033E+22	2,512060E+22	2,395137E+22	2,155868E+22	1,823939E+22	1,488338E+22	1,273412E+22	1,273429E+22	1,488378E+22	1,823965E+22
2451	2,155857E+22	2,395109E+22	2,512036E+22	2,512024E+22	2,395050E+22	2,155778E+22	1,823899E+22	1,488321E+22	1,273387E+22	1,273400E+22	1,488352E+22	1,823930E+22
2452	2,155804E+22	2,395023E+22	2,511914E+22	2,511949E+22	2,395078E+22	2,155854E+22	1,823977E+22	1,488387E+22	1,273424E+22	1,273397E+22	1,488316E+22	1,823895E+22
2453	2,155809E+22	2,395107E+22	2,512048E+22	2,512049E+22	2,395131E+22	2,155857E+22	1,823934E+22	1,488346E+22	1,273418E+22	1,273426E+22	1,488361E+22	1,823934E+22
2454	2,155826E+22	2,395090E+22	2,512005E+22	2,511965E+22	2,395015E+22	2,155780E+22	1,823918E+22	1,488360E+22	1,273438E+22	1,273435E+22	1,488353E+22	1,823906E+22
2455	2,155774E+22	2,395007E+22	2,511936E+22	2,511973E+22	2,395074E+22	2,155848E+22	1,823983E+22	1,488413E+22	1,273482E+22	1,273474E+22	1,488388E+22	1,823944E+22
2456	2,155826E+22	2,395089E+22	2,512023E+22	2,512036E+22	2,395081E+22	2,155789E+22	1,823915E+22	1,488385E+22	1,273490E+22	1,273510E+22	1,488436E+22	1,823978E+22
2457	2,155817E+22	2,395023E+22	2,511900E+22	2,511892E+22	2,395007E+22	2,155797E+22	1,823954E+22	1,488428E+22	1,273526E+22	1,273523E+22	1,488422E+22	1,823947E+22
2458	2,155785E+22	2,395016E+22	2,511953E+22	2,511970E+22	2,395069E+22	2,155858E+22	1,824000E+22	1,488452E+22	1,273551E+22	1,273557E+22	1,488462E+22	1,824002E+22
2459	2,155865E+22	2,395102E+22	2,512007E+22	2,511974E+22	2,395000E+22	2,155755E+22	1,823942E+22	1,488448E+22	1,273574E+22	1,273589E+22	1,488482E+22	1,823980E+22
2460	2,155798E+22	2,395000E+22	2,511876E+22	2,511875E+22	2,394993E+22	2,155805E+22	1,824012E+22	1,488526E+22	1,273637E+22	1,273614E+22	1,488467E+22	1,823944E+22
2461	2,155769E+22	2,395027E+22	2,511982E+22	2,512003E+22	2,395096E+22	2,155853E+22	1,823992E+22	1,488492E+22	1,273631E+22	1,273644E+22	1,488520E+22	1,824004E+22
2462	2,155812E+22	2,395024E+22	2,511940E+22	2,511928E+22	2,394994E+22	2,155776E+22	1,823970E+22	1,488489E+22	1,273626E+22	1,273633E+22	1,488505E+22	1,823984E+22
2463	2,155774E+22	2,394941E+22	2,511827E+22	2,511866E+22	2,395014E+22	2,155842E+22	1,824044E+22	1,488541E+22	1,273646E+22	1,273629E+22	1,488494E+22	1,823988E+22
2464	2,155817E+22	2,395050E+22	2,511966E+22	2,511963E+22	2,395041E+22	2,155801E+22	1,823976E+22	1,488489E+22	1,273616E+22	1,273621E+22	1,488506E+22	1,824006E+22
2465	2,155820E+22	2,395022E+22	2,511899E+22	2,511857E+22	2,394946E+22	2,155763E+22	1,823970E+22	1,488483E+22	1,273601E+22	1,273589E+22	1,488457E+22	1,823947E+22
2466	2,155765E+22	2,394991E+22	2,511935E+22	2,511953E+22	2,395035E+22	2,155821E+22	1,823994E+22	1,488471E+22	1,273574E+22	1,273569E+22	1,488455E+22	1,823975E+22
2467	2,155835E+22	2,395090E+22	2,512019E+22	2,512014E+22	2,395047E+22	2,155758E+22	1,823909E+22	1,488404E+22	1,273528E+22	1,273550E+22	1,488458E+22	1,823968E+22
2468	2,155789E+22	2,395000E+22	2,511887E+22	2,511887E+22	2,395018E+22	2,155809E+22	1,823965E+22	1,488435E+22	1,273525E+22	1,273512E+22	1,488404E+22	1,823928E+22
2469	2,155770E+22	2,395019E+22	2,511976E+22	2,512008E+22	2,395117E+22	2,155877E+22	1,823977E+22	1,488404E+22	1,273489E+22	1,273494E+22	1,488413E+22	1,823970E+22
2470	2,155840E+22	2,395075E+22	2,511990E+22	2,511978E+22	2,395028E+22	2,155779E+22	1,823933E+22	1,488392E+22	1,273478E+22	1,273478E+22	1,488390E+22	1,823937E+22
2471	2,155797E+22	2,395003E+22	2,511877E+22	2,511885E+22	2,395014E+22	2,155819E+22	1,823993E+22	1,488451E+22	1,273519E+22	1,273495E+22	1,488385E+22	1,823918E+22
2472	2,155792E+22	2,395074E+22	2,512021E+22	2,512018E+22	2,395084E+22	2,155813E+22	1,823942E+22	1,488413E+22	1,273515E+22	1,273524E+22	1,488433E+22	1,823960E+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°
2473	2,155802E+22	2,395036E+22	2,511950E+22	2,511921E+22	2,394989E+22	2,155764E+22	1,823928E+22	1,488415E+22	1,273530E+22	1,273537E+22	1,488435E+22	1,823945E+22
2474	2,155757E+22	2,394962E+22	2,511896E+22	2,511934E+22	2,395039E+22	2,155827E+22	1,823990E+22	1,488455E+22	1,273555E+22	1,273557E+22	1,488455E+22	1,823983E+22
2475	2,155838E+22	2,395072E+22	2,511983E+22	2,511987E+22	2,395050E+22	2,155780E+22	1,823937E+22	1,488436E+22	1,273565E+22	1,273591E+22	1,488497E+22	1,824004E+22
2476	2,155819E+22	2,395011E+22	2,511868E+22	2,511832E+22	2,394952E+22	2,155777E+22	1,823986E+22	1,488506E+22	1,273626E+22	1,273611E+22	1,488474E+22	1,823959E+22
2477	2,155772E+22	2,394997E+22	2,511932E+22	2,511941E+22	2,395042E+22	2,155841E+22	1,824019E+22	1,488522E+22	1,273650E+22	1,273647E+22	1,488508E+22	1,823993E+22
2478	2,155820E+22	2,395052E+22	2,511975E+22	2,511962E+22	2,395000E+22	2,155756E+22	1,823966E+22	1,488516E+22	1,273673E+22	1,273682E+22	1,488536E+22	1,823988E+22
2479	2,155768E+22	2,394944E+22	2,511821E+22	2,511826E+22	2,394962E+22	2,155796E+22	1,824031E+22	1,488582E+22	1,273725E+22	1,273711E+22	1,488542E+22	1,823978E+22
2480	2,155751E+22	2,394969E+22	2,511920E+22	2,511948E+22	2,395054E+22	2,155836E+22	1,824023E+22	1,488561E+22	1,273717E+22	1,273726E+22	1,488580E+22	1,824031E+22
2481	2,155800E+22	2,394977E+22	2,511870E+22	2,511858E+22	2,394947E+22	2,155763E+22	1,823998E+22	1,488556E+22	1,273715E+22	1,273717E+22	1,488562E+22	1,824005E+22
2482	2,155763E+22	2,394919E+22	2,511803E+22	2,511821E+22	2,394958E+22	2,155802E+22	1,824044E+22	1,488586E+22	1,273720E+22	1,273702E+22	1,488541E+22	1,824003E+22
2483	2,155814E+22	2,395042E+22	2,511954E+22	2,511938E+22	2,395010E+22	2,155775E+22	1,823975E+22	1,488523E+22	1,273684E+22	1,273700E+22	1,488562E+22	1,824018E+22
2484	2,155800E+22	2,394993E+22	2,511878E+22	2,511832E+22	2,394916E+22	2,155741E+22	1,823978E+22	1,488531E+22	1,273675E+22	1,273666E+22	1,488514E+22	1,823969E+22
2485	2,155747E+22	2,394949E+22	2,511895E+22	2,511935E+22	2,395041E+22	2,155828E+22	1,824004E+22	1,488509E+22	1,273637E+22	1,273635E+22	1,488501E+22	1,823990E+22
2486	2,155816E+22	2,395043E+22	2,511968E+22	2,511983E+22	2,395051E+22	2,155783E+22	1,823945E+22	1,488455E+22	1,273592E+22	1,273608E+22	1,488495E+22	1,823988E+22
2487	2,155796E+22	2,394976E+22	2,511836E+22	2,511815E+22	2,394962E+22	2,155795E+22	1,823994E+22	1,488496E+22	1,273601E+22	1,273583E+22	1,488453E+22	1,823950E+22
2488	2,155769E+22	2,395000E+22	2,511945E+22	2,511957E+22	2,395058E+22	2,155844E+22	1,824001E+22	1,488479E+22	1,273580E+22	1,273572E+22	1,488455E+22	1,823972E+22
2489	2,155814E+22	2,395040E+22	2,511956E+22	2,511936E+22	2,394984E+22	2,155753E+22	1,823947E+22	1,488457E+22	1,273576E+22	1,273575E+22	1,488452E+22	1,823944E+22
2490	2,155758E+22	2,394959E+22	2,511857E+22	2,511865E+22	2,394978E+22	2,155780E+22	1,823984E+22	1,488493E+22	1,273601E+22	1,273586E+22	1,488453E+22	1,823945E+22
2491	2,155777E+22	2,395032E+22	2,511980E+22	2,511988E+22	2,395072E+22	2,155808E+22	1,823949E+22	1,488449E+22	1,273588E+22	1,273614E+22	1,488508E+22	1,823997E+22
2492	2,155795E+22	2,394993E+22	2,511892E+22	2,511860E+22	2,394945E+22	2,155756E+22	1,823958E+22	1,488479E+22	1,273614E+22	1,273621E+22	1,488500E+22	1,823982E+22
2493	2,155763E+22	2,394935E+22	2,511847E+22	2,511884E+22	2,395012E+22	2,155822E+22	1,824017E+22	1,488524E+22	1,273644E+22	1,273635E+22	1,488499E+22	1,823993E+22
2494	2,155828E+22	2,395052E+22	2,511955E+22	2,511952E+22	2,395030E+22	2,155782E+22	1,823969E+22	1,488508E+22	1,273662E+22	1,273675E+22	1,488539E+22	1,824009E+22
2495	2,155806E+22	2,394988E+22	2,511842E+22	2,511784E+22	2,394895E+22	2,155747E+22	1,824005E+22	1,488577E+22	1,273729E+22	1,273715E+22	1,488543E+22	1,823975E+22
2496	2,155743E+22	2,394950E+22	2,511899E+22	2,511918E+22	2,395011E+22	2,155815E+22	1,824039E+22	1,488598E+22	1,273755E+22	1,273748E+22	1,488575E+22	1,824008E+22
2497	2,155782E+22	2,394982E+22	2,511909E+22	2,511917E+22	2,394982E+22	2,155757E+22	1,823989E+22	1,488579E+22	1,273771E+22	1,273785E+22	1,488613E+22	1,824017E+22
2498	2,155742E+22	2,394889E+22	2,511767E+22	2,511771E+22	2,394917E+22	2,155778E+22	1,824046E+22	1,488632E+22	1,273801E+22	1,273792E+22	1,488607E+22	1,824016E+22
2499	2,155760E+22	2,394946E+22	2,511870E+22	2,511888E+22	2,395007E+22	2,155820E+22	1,824039E+22	1,488609E+22	1,273790E+22	1,273804E+22	1,488635E+22	1,824054E+22
2500	2,155801E+22	2,394962E+22	2,511836E+22	2,511797E+22	2,394882E+22	2,155731E+22	1,824014E+22	1,488618E+22	1,273801E+22	1,273797E+22	1,488612E+22	1,824020E+22
2501	2,155756E+22	2,394903E+22	2,511784E+22	2,511802E+22	2,394936E+22	2,155778E+22	1,824042E+22	1,488631E+22	1,273796E+22	1,273776E+22	1,488582E+22	1,824001E+22
2502	2,155785E+22	2,395007E+22	2,511932E+22	2,511933E+22	2,395015E+22	2,155779E+22	1,823986E+22	1,488566E+22	1,273753E+22	1,273767E+22	1,488605E+22	1,824032E+22
2503	2,155784E+22	2,394952E+22	2,511836E+22	2,511795E+22	2,394892E+22	2,155739E+22	1,823995E+22	1,488573E+22	1,273741E+22	1,273737E+22	1,488570E+22	1,823998E+22
2504	2,155740E+22	2,394909E+22	2,511848E+22	2,511895E+22	2,395009E+22	2,155822E+22	1,824039E+22	1,488572E+22	1,273707E+22	1,273696E+22	1,488538E+22	1,824001E+22
2505	2,155802E+22	2,395003E+22	2,511911E+22	2,511927E+22	2,395016E+22	2,155783E+22	1,823978E+22	1,488523E+22	1,273677E+22	1,273684E+22	1,488539E+22	1,823993E+22
2506	2,155773E+22	2,394953E+22	2,511817E+22	2,511774E+22	2,394906E+22	2,155763E+22	1,824001E+22	1,488547E+22	1,273680E+22	1,273661E+22	1,488503E+22	1,823962E+22
2507	2,155757E+22	2,394978E+22	2,511920E+22	2,511925E+22	2,395018E+22	2,155817E+22	1,824005E+22	1,488524E+22	1,273662E+22	1,273665E+22	1,488520E+22	1,823987E+22
2508	2,155790E+22	2,394998E+22	2,511917E+22	2,511899E+22	2,394947E+22	2,155729E+22	1,823956E+22	1,488513E+22	1,273667E+22	1,273671E+22	1,488526E+22	1,823980E+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°
2509	2,155749E+22	2,394914E+22	2,511804E+22	2,511835E+22	2,394970E+22	2,155774E+22	1,823986E+22	1,488534E+22	1,273677E+22	1,273668E+22	1,488514E+22	1,823973E+22
2510	2,155772E+22	2,394995E+22	2,511926E+22	2,511943E+22	2,395052E+22	2,155817E+22	1,823980E+22	1,488507E+22	1,273664E+22	1,273685E+22	1,488557E+22	1,824029E+22
2511	2,155809E+22	2,394978E+22	2,511852E+22	2,511797E+22	2,394884E+22	2,155732E+22	1,823983E+22	1,488546E+22	1,273704E+22	1,273705E+22	1,488553E+22	1,824002E+22
2512	2,155761E+22	2,394921E+22	2,511828E+22	2,511847E+22	2,394956E+22	2,155790E+22	1,824042E+22	1,488601E+22	1,273745E+22	1,273725E+22	1,488544E+22	1,823987E+22
2513	2,155790E+22	2,395009E+22	2,511922E+22	2,511923E+22	2,395001E+22	2,155771E+22	1,823992E+22	1,488581E+22	1,273771E+22	1,273783E+22	1,488604E+22	1,824008E+22
2514	2,155752E+22	2,394932E+22	2,511813E+22	2,511765E+22	2,394870E+22	2,155728E+22	1,824011E+22	1,488629E+22	1,273821E+22	1,273815E+22	1,488617E+22	1,824001E+22
2515	2,155718E+22	2,394890E+22	2,511834E+22	2,511875E+22	2,394994E+22	2,155820E+22	1,824060E+22	1,488647E+22	1,273840E+22	1,273847E+22	1,488651E+22	1,824040E+22
2516	2,155768E+22	2,394926E+22	2,511833E+22	2,511844E+22	2,394931E+22	2,155750E+22	1,824027E+22	1,488652E+22	1,273863E+22	1,273875E+22	1,488680E+22	1,824055E+22
2517	2,155749E+22	2,394858E+22	2,511705E+22	2,511713E+22	2,394878E+22	2,155760E+22	1,824063E+22	1,488693E+22	1,273887E+22	1,273870E+22	1,488654E+22	1,824031E+22
2518	2,155757E+22	2,394932E+22	2,511841E+22	2,511846E+22	2,394969E+22	2,155808E+22	1,824062E+22	1,488669E+22	1,273873E+22	1,273878E+22	1,488679E+22	1,824070E+22
2519	2,155800E+22	2,394950E+22	2,511819E+22	2,511762E+22	2,394827E+22	2,155693E+22	1,824019E+22	1,488669E+22	1,273883E+22	1,273882E+22	1,488673E+22	1,824041E+22
2520	2,155743E+22	2,394876E+22	2,511766E+22	2,511792E+22	2,394912E+22	2,155755E+22	1,824051E+22	1,488680E+22	1,273871E+22	1,273853E+22	1,488633E+22	1,824013E+22
2521	2,155760E+22	2,394959E+22	2,511882E+22	2,511903E+22	2,395009E+22	2,155793E+22	1,824008E+22	1,488611E+22	1,273824E+22	1,273844E+22	1,488659E+22	1,824046E+22
2522	2,155763E+22	2,394917E+22	2,511799E+22	2,511755E+22	2,394855E+22	2,155729E+22	1,824013E+22	1,488616E+22	1,273801E+22	1,273798E+22	1,488615E+22	1,824020E+22
2523	2,155744E+22	2,394891E+22	2,511807E+22	2,511849E+22	2,394972E+22	2,155812E+22	1,824059E+22	1,488622E+22	1,273779E+22	1,273766E+22	1,488578E+22	1,824003E+22
2524	2,155785E+22	2,394978E+22	2,511878E+22	2,511879E+22	2,394959E+22	2,155753E+22	1,823997E+22	1,488587E+22	1,273766E+22	1,273767E+22	1,488587E+22	1,823999E+22
2525	2,155750E+22	2,394917E+22	2,511782E+22	2,511757E+22	2,394886E+22	2,155738E+22	1,824001E+22	1,488594E+22	1,273761E+22	1,273744E+22	1,488555E+22	1,823967E+22
2526	2,155726E+22	2,394934E+22	2,511881E+22	2,511905E+22	2,395010E+22	2,155819E+22	1,824019E+22	1,488568E+22	1,273737E+22	1,273742E+22	1,488579E+22	1,824016E+22
2527	2,155781E+22	2,394954E+22	2,511859E+22	2,511843E+22	2,394904E+22	2,155716E+22	1,823972E+22	1,488561E+22	1,273744E+22	1,273757E+22	1,488596E+22	1,824020E+22
2528	2,155754E+22	2,394884E+22	2,511755E+22	2,511786E+22	2,394925E+22	2,155760E+22	1,824017E+22	1,488599E+22	1,273759E+22	1,273744E+22	1,488563E+22	1,823991E+22
2529	2,155767E+22	2,394968E+22	2,511878E+22	2,511891E+22	2,395013E+22	2,155811E+22	1,824010E+22	1,488577E+22	1,273761E+22	1,273775E+22	1,488609E+22	1,824032E+22
2530	2,155785E+22	2,394960E+22	2,511838E+22	2,511766E+22	2,394833E+22	2,155702E+22	1,823995E+22	1,488605E+22	1,273795E+22	1,273796E+22	1,488611E+22	1,824014E+22
2531	2,155742E+22	2,394892E+22	2,511801E+22	2,511825E+22	2,394928E+22	2,155773E+22	1,824055E+22	1,488659E+22	1,273842E+22	1,273829E+22	1,488613E+22	1,823996E+22
2532	2,155750E+22	2,394949E+22	2,511869E+22	2,511886E+22	2,394972E+22	2,155761E+22	1,824015E+22	1,488649E+22	1,273875E+22	1,273890E+22	1,488684E+22	1,824041E+22
2533	2,155733E+22	2,394869E+22	2,511738E+22	2,511723E+22	2,394858E+22	2,155730E+22	1,824033E+22	1,488684E+22	1,273908E+22	1,273907E+22	1,488685E+22	1,824032E+22
2534	2,155714E+22	2,394851E+22	2,511765E+22	2,511808E+22	2,394956E+22	2,155825E+22	1,824099E+22	1,488715E+22	1,273923E+22	1,273922E+22	1,488707E+22	1,824077E+22
2535	2,155782E+22	2,394911E+22	2,511784E+22	2,511768E+22	2,394855E+22	2,155713E+22	1,824046E+22	1,488720E+22	1,273957E+22	1,273963E+22	1,488739E+22	1,824081E+22
2536	2,155755E+22	2,394855E+22	2,511691E+22	2,511678E+22	2,394818E+22	2,155717E+22	1,824074E+22	1,488755E+22	1,273977E+22	1,273954E+22	1,488700E+22	1,824031E+22
2537	2,155731E+22	2,394904E+22	2,511820E+22	2,511828E+22	2,394943E+22	2,155788E+22	1,824071E+22	1,488722E+22	1,273961E+22	1,273969E+22	1,488737E+22	1,824071E+22
2538	2,155758E+22	2,394913E+22	2,511805E+22	2,511757E+22	2,394813E+22	2,155677E+22	1,824018E+22	1,488701E+22	1,273946E+22	1,273956E+22	1,488730E+22	1,824063E+22
2539	2,155727E+22	2,394836E+22	2,511722E+22	2,511765E+22	2,394903E+22	2,155763E+22	1,824069E+22	1,488717E+22	1,273934E+22	1,273923E+22	1,488682E+22	1,824027E+22
2540	2,155739E+22	2,394913E+22	2,511824E+22	2,511850E+22	2,394975E+22	2,155796E+22	1,824049E+22	1,488675E+22	1,273900E+22	1,273913E+22	1,488704E+22	1,824063E+22
2541	2,155756E+22	2,394885E+22	2,511746E+22	2,511717E+22	2,394834E+22	2,155719E+22	1,824030E+22	1,488669E+22	1,273875E+22	1,273865E+22	1,488649E+22	1,824020E+22
2542	2,155726E+22	2,394867E+22	2,511769E+22	2,511804E+22	2,394935E+22	2,155803E+22	1,824084E+22	1,488680E+22	1,273858E+22	1,273838E+22	1,488624E+22	1,824018E+22
2543	2,155768E+22	2,394945E+22	2,511841E+22	2,511837E+22	2,394906E+22	2,155716E+22	1,824004E+22	1,488640E+22	1,273851E+22	1,273858E+22	1,488657E+22	1,824029E+22
2544	2,155737E+22	2,394880E+22	2,511745E+22	2,511730E+22	2,394853E+22	2,155712E+22	1,824006E+22	1,488639E+22	1,273838E+22	1,273828E+22	1,488618E+22	1,823993E+22

1 Longitude ☉ 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°
2545	2,155711E+22	2,394889E+22	2,511824E+22	2,511858E+22	2,394984E+22	2,155819E+22	1,824041E+22	1,488617E+22	1,273814E+22	1,273827E+22	1,488643E+22	1,824042E+22
2546	2,155774E+22	2,394936E+22	2,511826E+22	2,511796E+22	2,394855E+22	2,155695E+22	1,823986E+22	1,488606E+22	1,273810E+22	1,273826E+22	1,488648E+22	1,824048E+22
2547	2,155766E+22	2,394881E+22	2,511727E+22	2,511744E+22	2,394884E+22	2,155741E+22	1,824033E+22	1,488654E+22	1,273844E+22	1,273826E+22	1,488606E+22	1,823990E+22
2548	2,155745E+22	2,394944E+22	2,511852E+22	2,511855E+22	2,394968E+22	2,155790E+22	1,824036E+22	1,488650E+22	1,273863E+22	1,273870E+22	1,488664E+22	1,824035E+22
2549	2,155752E+22	2,394913E+22	2,511797E+22	2,511757E+22	2,394829E+22	2,155688E+22	1,824007E+22	1,488665E+22	1,273891E+22	1,273893E+22	1,488672E+22	1,824019E+22
2550	2,155702E+22	2,394835E+22	2,511744E+22	2,511792E+22	2,394922E+22	2,155787E+22	1,824089E+22	1,488724E+22	1,273933E+22	1,273920E+22	1,488684E+22	1,824030E+22
2551	2,155730E+22	2,394888E+22	2,511795E+22	2,511819E+22	2,394923E+22	2,155750E+22	1,824049E+22	1,488720E+22	1,273971E+22	1,273990E+22	1,488764E+22	1,824085E+22
2552	2,155736E+22	2,394834E+22	2,511678E+22	2,511659E+22	2,394800E+22	2,155710E+22	1,824068E+22	1,488760E+22	1,274004E+22	1,273996E+22	1,488744E+22	1,824055E+22
2553	2,155711E+22	2,394828E+22	2,511718E+22	2,511746E+22	2,394902E+22	2,155804E+22	1,824125E+22	1,488786E+22	1,274025E+22	1,274020E+22	1,488767E+22	1,824085E+22
2554	2,155766E+22	2,394906E+22	2,511775E+22	2,511731E+22	2,394797E+22	2,155670E+22	1,824047E+22	1,488769E+22	1,274041E+22	1,274052E+22	1,488801E+22	1,824102E+22
2555	2,155747E+22	2,394841E+22	2,511680E+22	2,511669E+22	2,394798E+22	2,155693E+22	1,824070E+22	1,488795E+22	1,274058E+22	1,274043E+22	1,488759E+22	1,824043E+22
2556	2,155702E+22	2,394858E+22	2,511783E+22	2,511809E+22	2,394930E+22	2,155781E+22	1,824085E+22	1,488769E+22	1,274038E+22	1,274051E+22	1,488799E+22	1,824097E+22
2557	2,155742E+22	2,394858E+22	2,511742E+22	2,511734E+22	2,394820E+22	2,155686E+22	1,824039E+22	1,488741E+22	1,274007E+22	1,274019E+22	1,488774E+22	1,824079E+22
2558	2,155718E+22	2,394805E+22	2,511668E+22	2,511714E+22	2,394880E+22	2,155776E+22	1,824112E+22	1,488776E+22	1,273996E+22	1,273974E+22	1,488718E+22	1,824044E+22
2559	2,155732E+22	2,394887E+22	2,511777E+22	2,511784E+22	2,394910E+22	2,155765E+22	1,824071E+22	1,488739E+22	1,273983E+22	1,273988E+22	1,488749E+22	1,824073E+22
2560	2,155743E+22	2,394866E+22	2,511722E+22	2,511678E+22	2,394781E+22	2,155685E+22	1,824046E+22	1,488727E+22	1,273959E+22	1,273946E+22	1,488695E+22	1,824019E+22
2561	2,155694E+22	2,394828E+22	2,511733E+22	2,511772E+22	2,394906E+22	2,155781E+22	1,824091E+22	1,488730E+22	1,273942E+22	1,273929E+22	1,488688E+22	1,824027E+22
2562	2,155734E+22	2,394908E+22	2,511808E+22	2,511805E+22	2,394876E+22	2,155692E+22	1,824001E+22	1,488671E+22	1,273915E+22	1,273934E+22	1,488724E+22	1,824067E+22
2563	2,155738E+22	2,394852E+22	2,511701E+22	2,511692E+22	2,394831E+22	2,155705E+22	1,824018E+22	1,488675E+22	1,273903E+22	1,273900E+22	1,488670E+22	1,824016E+22
2564	2,155706E+22	2,394860E+22	2,511777E+22	2,511806E+22	2,394942E+22	2,155805E+22	1,824071E+22	1,488681E+22	1,273894E+22	1,273901E+22	1,488692E+22	1,824062E+22
2565	2,155771E+22	2,394912E+22	2,511787E+22	2,511768E+22	2,394838E+22	2,155682E+22	1,824005E+22	1,488663E+22	1,273892E+22	1,273901E+22	1,488688E+22	1,824047E+22
2566	2,155744E+22	2,394863E+22	2,511705E+22	2,511714E+22	2,394856E+22	2,155737E+22	1,824067E+22	1,488723E+22	1,273933E+22	1,273908E+22	1,488661E+22	1,824002E+22
2567	2,155711E+22	2,394896E+22	2,511812E+22	2,511819E+22	2,394928E+22	2,155763E+22	1,824057E+22	1,488722E+22	1,273969E+22	1,273978E+22	1,488742E+22	1,824062E+22
2568	2,155728E+22	2,394861E+22	2,511745E+22	2,511719E+22	2,394804E+22	2,155679E+22	1,824032E+22	1,488730E+22	1,273991E+22	1,273997E+22	1,488747E+22	1,824048E+22
2569	2,155682E+22	2,394779E+22	2,511668E+22	2,511722E+22	2,394885E+22	2,155787E+22	1,824126E+22	1,488795E+22	1,274033E+22	1,274024E+22	1,488761E+22	1,824061E+22
2570	2,155724E+22	2,394864E+22	2,511747E+22	2,511750E+22	2,394858E+22	2,155717E+22	1,824066E+22	1,488780E+22	1,274058E+22	1,274077E+22	1,488830E+22	1,824122E+22
2571	2,155750E+22	2,394832E+22	2,511653E+22	2,511611E+22	2,394744E+22	2,155671E+22	1,824070E+22	1,488815E+22	1,274096E+22	1,274088E+22	1,488797E+22	1,824064E+22
2572	2,155692E+22	2,394807E+22	2,511699E+22	2,511715E+22	2,394855E+22	2,155768E+22	1,824135E+22	1,488847E+22	1,274120E+22	1,274116E+22	1,488829E+22	1,824098E+22
2573	2,155739E+22	2,394863E+22	2,511745E+22	2,511734E+22	2,394805E+22	2,155658E+22	1,824047E+22	1,488808E+22	1,274114E+22	1,274131E+22	1,488854E+22	1,824109E+22
2574	2,155714E+22	2,394795E+22	2,511637E+22	2,511643E+22	2,394802E+22	2,155713E+22	1,824100E+22	1,488843E+22	1,274122E+22	1,274109E+22	1,488813E+22	1,824070E+22
2575	2,155682E+22	2,394803E+22	2,511718E+22	2,511752E+22	2,394895E+22	2,155781E+22	1,824123E+22	1,488833E+22	1,274114E+22	1,274124E+22	1,488852E+22	1,824123E+22
2576	2,155740E+22	2,394826E+22	2,511689E+22	2,511677E+22	2,394779E+22	2,155678E+22	1,824077E+22	1,488809E+22	1,274087E+22	1,274087E+22	1,488811E+22	1,824084E+22
2577	2,155701E+22	2,394776E+22	2,511622E+22	2,511651E+22	2,394833E+22	2,155762E+22	1,824141E+22	1,488843E+22	1,274086E+22	1,274058E+22	1,488766E+22	1,824043E+22
2578	2,155705E+22	2,394868E+22	2,511760E+22	2,511742E+22	2,394853E+22	2,155721E+22	1,824070E+22	1,488783E+22	1,274057E+22	1,274067E+22	1,488808E+22	1,824095E+22
2579	2,155730E+22	2,394843E+22	2,511701E+22	2,511657E+22	2,394754E+22	2,155652E+22	1,824033E+22	1,488761E+22	1,274034E+22	1,274029E+22	1,488756E+22	1,824039E+22
2580	2,155672E+22	2,394785E+22	2,511691E+22	2,511738E+22	2,394881E+22	2,155764E+22	1,824098E+22	1,488770E+22	1,274013E+22	1,274009E+22	1,488753E+22	1,824065E+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	2,155734E+22	2,394867E+22	2,511754E+22	2,511774E+22	2,394868E+22	2,155689E+22	1,824014E+22	1,488707E+22	1,273971E+22	1,273994E+22	1,488768E+22	1,824090E+22
2582	2,155743E+22	2,394842E+22	2,511669E+22	2,511647E+22	2,394803E+22	2,155707E+22	1,824053E+22	1,488734E+22	1,273968E+22	1,273954E+22	1,488708E+22	1,824035E+22
2583	2,155700E+22	2,394842E+22	2,511749E+22	2,511759E+22	2,394889E+22	2,155774E+22	1,824094E+22	1,488751E+22	1,273986E+22	1,273984E+22	1,488739E+22	1,824067E+22
2584	2,155750E+22	2,394887E+22	2,511768E+22	2,511744E+22	2,394807E+22	2,155663E+22	1,824030E+22	1,488732E+22	1,273990E+22	1,273995E+22	1,488741E+22	1,824042E+22
2585	2,155696E+22	2,394808E+22	2,511664E+22	2,511683E+22	2,394840E+22	2,155734E+22	1,824094E+22	1,488793E+22	1,274038E+22	1,274018E+22	1,488735E+22	1,824013E+22
2586	2,155668E+22	2,394838E+22	2,511757E+22	2,511768E+22	2,394894E+22	2,155750E+22	1,824074E+22	1,488777E+22	1,274057E+22	1,274077E+22	1,488823E+22	1,824105E+22
2587	2,155724E+22	2,394819E+22	2,511684E+22	2,511661E+22	2,394769E+22	2,155669E+22	1,824053E+22	1,488793E+22	1,274085E+22	1,274093E+22	1,488815E+22	1,824080E+22
2588	2,155680E+22	2,394746E+22	2,511611E+22	2,511653E+22	2,394827E+22	2,155759E+22	1,824149E+22	1,488867E+22	1,274132E+22	1,274119E+22	1,488827E+22	1,824092E+22
2589	2,155725E+22	2,394836E+22	2,511703E+22	2,511709E+22	2,394822E+22	2,155689E+22	1,824076E+22	1,488837E+22	1,274145E+22	1,274163E+22	1,488882E+22	1,824135E+22
2590	2,155738E+22	2,394818E+22	2,511640E+22	2,511585E+22	2,394715E+22	2,155657E+22	1,824092E+22	1,488873E+22	1,274175E+22	1,274166E+22	1,488856E+22	1,824086E+22
2591	2,155668E+22	2,394765E+22	2,511667E+22	2,511689E+22	2,394824E+22	2,155740E+22	1,824144E+22	1,488905E+22	1,274210E+22	1,274208E+22	1,488896E+22	1,824124E+22
2592	2,155722E+22	2,394819E+22	2,511699E+22	2,511701E+22	2,394794E+22	2,155666E+22	1,824075E+22	1,488861E+22	1,274193E+22	1,274212E+22	1,488909E+22	1,824126E+22
2593	2,155695E+22	2,394749E+22	2,511578E+22	2,511585E+22	2,394776E+22	2,155725E+22	1,824143E+22	1,488909E+22	1,274203E+22	1,274187E+22	1,488864E+22	1,824081E+22
2594	2,155668E+22	2,394779E+22	2,511675E+22	2,511687E+22	2,394837E+22	2,155754E+22	1,824142E+22	1,488890E+22	1,274189E+22	1,274192E+22	1,488895E+22	1,824140E+22
2595	2,155738E+22	2,394815E+22	2,511666E+22	2,511635E+22	2,394731E+22	2,155644E+22	1,824078E+22	1,488863E+22	1,274172E+22	1,274165E+22	1,488852E+22	1,824082E+22
2596	2,155672E+22	2,394744E+22	2,511597E+22	2,511617E+22	2,394786E+22	2,155723E+22	1,824143E+22	1,488895E+22	1,274169E+22	1,274144E+22	1,488826E+22	1,824059E+22
2597	2,155678E+22	2,394815E+22	2,511719E+22	2,511732E+22	2,394850E+22	2,155704E+22	1,824064E+22	1,488814E+22	1,274119E+22	1,274138E+22	1,488862E+22	1,824115E+22
2598	2,155714E+22	2,394805E+22	2,511664E+22	2,511628E+22	2,394746E+22	2,155662E+22	1,824055E+22	1,488798E+22	1,274085E+22	1,274087E+22	1,488811E+22	1,824076E+22
2599	2,155667E+22	2,394746E+22	2,511641E+22	2,511688E+22	2,394843E+22	2,155751E+22	1,824121E+22	1,488826E+22	1,274085E+22	1,274078E+22	1,488804E+22	1,824094E+22
2600	2,155742E+22	2,394853E+22	2,511719E+22	2,511726E+22	2,394836E+22	2,155686E+22	1,824046E+22	1,488769E+22	1,274050E+22	1,274063E+22	1,488803E+22	1,824091E+22
2601	2,155727E+22	2,394821E+22	2,511641E+22	2,511600E+22	2,394767E+22	2,155701E+22	1,824086E+22	1,488807E+22	1,274065E+22	1,274044E+22	1,488757E+22	1,824030E+22
2602	2,155668E+22	2,394815E+22	2,511729E+22	2,511727E+22	2,394847E+22	2,155743E+22	1,824104E+22	1,488811E+22	1,274078E+22	1,274077E+22	1,488804E+22	1,824087E+22
2603	2,155727E+22	2,394846E+22	2,511736E+22	2,511721E+22	2,394789E+22	2,155642E+22	1,824030E+22	1,488787E+22	1,274088E+22	1,274097E+22	1,488812E+22	1,824065E+22
2604	2,155666E+22	2,394743E+22	2,511600E+22	2,511628E+22	2,394806E+22	2,155726E+22	1,824117E+22	1,488854E+22	1,274132E+22	1,274120E+22	1,488819E+22	1,824059E+22
2605	2,155665E+22	2,394781E+22	2,511682E+22	2,511713E+22	2,394866E+22	2,155742E+22	1,824095E+22	1,488831E+22	1,274135E+22	1,274157E+22	1,488883E+22	1,824138E+22
2606	2,155732E+22	2,394803E+22	2,511641E+22	2,511596E+22	2,394716E+22	2,155653E+22	1,824082E+22	1,488859E+22	1,274166E+22	1,274168E+22	1,488870E+22	1,824108E+22
2607	2,155677E+22	2,394727E+22	2,511583E+22	2,511601E+22	2,394761E+22	2,155713E+22	1,824159E+22	1,488938E+22	1,274234E+22	1,274215E+22	1,488886E+22	1,824108E+22
2608	2,155714E+22	2,394818E+22	2,511687E+22	2,511683E+22	2,394791E+22	2,155669E+22	1,824091E+22	1,488897E+22	1,274240E+22	1,274256E+22	1,488938E+22	1,824136E+22
2609	2,155699E+22	2,394771E+22	2,511607E+22	2,511563E+22	2,394706E+22	2,155660E+22	1,824117E+22	1,488936E+22	1,274270E+22	1,274262E+22	1,488919E+22	1,824094E+22
2610	2,155635E+22	2,394717E+22	2,511620E+22	2,511649E+22	2,394800E+22	2,155735E+22	1,824165E+22	1,488956E+22	1,274285E+22	1,274287E+22	1,488956E+22	1,824153E+22
2611	2,155716E+22	2,394782E+22	2,511649E+22	2,511654E+22	2,394767E+22	2,155661E+22	1,824098E+22	1,488923E+22	1,274277E+22	1,274288E+22	1,488955E+22	1,824138E+22
2612	2,155677E+22	2,394711E+22	2,511528E+22	2,511525E+22	2,394726E+22	2,155708E+22	1,824170E+22	1,488977E+22	1,274293E+22	1,274270E+22	1,488917E+22	1,824097E+22
2613	2,155654E+22	2,394738E+22	2,511631E+22	2,511650E+22	2,394803E+22	2,155731E+22	1,824150E+22	1,488939E+22	1,274265E+22	1,274266E+22	1,488941E+22	1,824147E+22
2614	2,155720E+22	2,394791E+22	2,511647E+22	2,511609E+22	2,394699E+22	2,155625E+22	1,824090E+22	1,488910E+22	1,274240E+22	1,274238E+22	1,488912E+22	1,824109E+22
2615	2,155653E+22	2,394700E+22	2,511560E+22	2,511589E+22	2,394754E+22	2,155691E+22	1,824138E+22	1,488937E+22	1,274246E+22	1,274227E+22	1,488892E+22	1,824097E+22
2616	2,155680E+22	2,394782E+22	2,511673E+22	2,511690E+22	2,394832E+22	2,155709E+22	1,824084E+22	1,488853E+22	1,274182E+22	1,274207E+22	1,488913E+22	1,824140E+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	2,155712E+22	2,394778E+22	2,511623E+22	2,511581E+22	2,394718E+22	2,155668E+22	1,824090E+22	1,488855E+22	1,274154E+22	1,274152E+22	1,488852E+22	1,824087E+22
2618	2,155668E+22	2,394741E+22	2,511616E+22	2,511637E+22	2,394788E+22	2,155722E+22	1,824133E+22	1,488878E+22	1,274156E+22	1,274142E+22	1,488841E+22	1,824103E+22
2619	2,155739E+22	2,394846E+22	2,511710E+22	2,511701E+22	2,394803E+22	2,155662E+22	1,824051E+22	1,488827E+22	1,274140E+22	1,274144E+22	1,488842E+22	1,824082E+22
2620	2,155688E+22	2,394779E+22	2,511616E+22	2,511579E+22	2,394737E+22	2,155679E+22	1,824097E+22	1,488866E+22	1,274159E+22	1,274142E+22	1,488823E+22	1,824043E+22
2621	2,155628E+22	2,394738E+22	2,511667E+22	2,511705E+22	2,394841E+22	2,155738E+22	1,824114E+22	1,488858E+22	1,274158E+22	1,274163E+22	1,488867E+22	1,824109E+22
2622	2,155704E+22	2,394792E+22	2,511676E+22	2,511673E+22	2,394766E+22	2,155654E+22	1,824067E+22	1,488846E+22	1,274163E+22	1,274177E+22	1,488883E+22	1,824108E+22
2623	2,155661E+22	2,394694E+22	2,511532E+22	2,511557E+22	2,394745E+22	2,155698E+22	1,824141E+22	1,488927E+22	1,274228E+22	1,274212E+22	1,488884E+22	1,824097E+22
2624	2,155679E+22	2,394765E+22	2,511635E+22	2,511643E+22	2,394809E+22	2,155727E+22	1,824124E+22	1,488903E+22	1,274233E+22	1,274247E+22	1,488935E+22	1,824148E+22
2625	2,155721E+22	2,394787E+22	2,511619E+22	2,511553E+22	2,394668E+22	2,155634E+22	1,824108E+22	1,488932E+22	1,274270E+22	1,274268E+22	1,488928E+22	1,824111E+22
2626	2,155655E+22	2,394709E+22	2,511567E+22	2,511575E+22	2,394718E+22	2,155675E+22	1,824158E+22	1,488991E+22	1,274326E+22	1,274312E+22	1,488954E+22	1,824131E+22
2627	2,155697E+22	2,394783E+22	2,511661E+22	2,511669E+22	2,394783E+22	2,155658E+22	1,824092E+22	1,488950E+22	1,274334E+22	1,274351E+22	1,489001E+22	1,824154E+22
2628	2,155671E+22	2,394712E+22	2,511550E+22	2,511522E+22	2,394684E+22	2,155664E+22	1,824146E+22	1,488995E+22	1,274356E+22	1,274354E+22	1,488989E+22	1,824128E+22
2629	2,155624E+22	2,394658E+22	2,511551E+22	2,511603E+22	2,394775E+22	2,155734E+22	1,824193E+22	1,489014E+22	1,274359E+22	1,274356E+22	1,489001E+22	1,824169E+22
2630	2,155711E+22	2,394762E+22	2,511613E+22	2,511602E+22	2,394721E+22	2,155652E+22	1,824130E+22	1,488987E+22	1,274353E+22	1,274358E+22	1,489003E+22	1,824153E+22
2631	2,155660E+22	2,394678E+22	2,511494E+22	2,511480E+22	2,394664E+22	2,155666E+22	1,824177E+22	1,489038E+22	1,274386E+22	1,274360E+22	1,488974E+22	1,824112E+22
2632	2,155640E+22	2,394711E+22	2,511600E+22	2,511615E+22	2,394771E+22	2,155717E+22	1,824160E+22	1,488984E+22	1,274343E+22	1,274349E+22	1,488996E+22	1,824157E+22
2633	2,155692E+22	2,394747E+22	2,511606E+22	2,511579E+22	2,394684E+22	2,155627E+22	1,824107E+22	1,488956E+22	1,274315E+22	1,274319E+22	1,488969E+22	1,824129E+22
2634	2,155646E+22	2,394671E+22	2,511516E+22	2,511547E+22	2,394722E+22	2,155678E+22	1,824146E+22	1,488973E+22	1,274305E+22	1,274292E+22	1,488945E+22	1,824132E+22
2635	2,155695E+22	2,394770E+22	2,511640E+22	2,511653E+22	2,394800E+22	2,155694E+22	1,824094E+22	1,488903E+22	1,274254E+22	1,274268E+22	1,488947E+22	1,824147E+22
2636	2,155702E+22	2,394756E+22	2,511590E+22	2,511539E+22	2,394675E+22	2,155653E+22	1,824112E+22	1,488914E+22	1,274235E+22	1,274227E+22	1,488896E+22	1,824094E+22
2637	2,155649E+22	2,394703E+22	2,511586E+22	2,511618E+22	2,394762E+22	2,155707E+22	1,824147E+22	1,488926E+22	1,274229E+22	1,274212E+22	1,488880E+22	1,824098E+22
2638	2,155706E+22	2,394813E+22	2,511688E+22	2,511683E+22	2,394779E+22	2,155653E+22	1,824070E+22	1,488880E+22	1,274216E+22	1,274225E+22	1,488905E+22	1,824100E+22
2639	2,155653E+22	2,394716E+22	2,511560E+22	2,511542E+22	2,394705E+22	2,155660E+22	1,824108E+22	1,488925E+22	1,274253E+22	1,274241E+22	1,488899E+22	1,824082E+22
2640	2,155625E+22	2,394693E+22	2,511595E+22	2,511637E+22	2,394807E+22	2,155748E+22	1,824147E+22	1,488916E+22	1,274242E+22	1,274251E+22	1,488931E+22	1,824137E+22
2641	2,155701E+22	2,394758E+22	2,511617E+22	2,511604E+22	2,394716E+22	2,155647E+22	1,824105E+22	1,488921E+22	1,274259E+22	1,274266E+22	1,488939E+22	1,824128E+22
2642	2,155668E+22	2,394690E+22	2,511500E+22	2,511499E+22	2,394675E+22	2,155652E+22	1,824145E+22	1,488987E+22	1,274321E+22	1,274300E+22	1,488941E+22	1,824117E+22
2643	2,155679E+22	2,394761E+22	2,511627E+22	2,511619E+22	2,394762E+22	2,155685E+22	1,824121E+22	1,488964E+22	1,274336E+22	1,274345E+22	1,488990E+22	1,824148E+22
2644	2,155684E+22	2,394745E+22	2,511595E+22	2,511540E+22	2,394645E+22	2,155615E+22	1,824118E+22	1,488990E+22	1,274368E+22	1,274373E+22	1,489002E+22	1,824130E+22
2645	2,155619E+22	2,394640E+22	2,511515E+22	2,511561E+22	2,394719E+22	2,155681E+22	1,824174E+22	1,489037E+22	1,274404E+22	1,274395E+22	1,489014E+22	1,824150E+22
2646	2,155674E+22	2,394734E+22	2,511607E+22	2,511628E+22	2,394768E+22	2,155679E+22	1,824137E+22	1,489011E+22	1,274408E+22	1,274429E+22	1,489065E+22	1,824184E+22
2647	2,155658E+22	2,394662E+22	2,511483E+22	2,511462E+22	2,394636E+22	2,155650E+22	1,824179E+22	1,489072E+22	1,274453E+22	1,274442E+22	1,489048E+22	1,824155E+22
2648	2,155628E+22	2,394634E+22	2,511492E+22	2,511530E+22	2,394725E+22	2,155730E+22	1,824227E+22	1,489083E+22	1,274453E+22	1,274442E+22	1,489050E+22	1,824174E+22
2649	2,155690E+22	2,394735E+22	2,511580E+22	2,511559E+22	2,394675E+22	2,155634E+22	1,824156E+22	1,489055E+22	1,274448E+22	1,274450E+22	1,489059E+22	1,824161E+22
2650	2,155644E+22	2,394658E+22	2,511469E+22	2,511449E+22	2,394615E+22	2,155618E+22	1,824164E+22	1,489077E+22	1,274462E+22	1,274444E+22	1,489041E+22	1,824144E+22
2651	2,155637E+22	2,394687E+22	2,511571E+22	2,511593E+22	2,394748E+22	2,155695E+22	1,824153E+22	1,489020E+22	1,274416E+22	1,274426E+22	1,489052E+22	1,824181E+22
2652	2,155683E+22	2,394712E+22	2,511560E+22	2,511542E+22	2,394659E+22	2,155624E+22	1,824125E+22	1,488994E+22	1,274374E+22	1,274386E+22	1,489023E+22	1,824158E+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	2,155646E+22	2,394639E+22	2,511471E+22	2,511511E+22	2,394693E+22	2,155667E+22	1,824161E+22	1,489012E+22	1,274357E+22	1,274339E+22	1,488970E+22	1,824135E+22
2654	2,155691E+22	2,394766E+22	2,511625E+22	2,511623E+22	2,394766E+22	2,155687E+22	1,824120E+22	1,488955E+22	1,274318E+22	1,274326E+22	1,488980E+22	1,824143E+22
2655	2,155673E+22	2,394723E+22	2,511566E+22	2,511518E+22	2,394634E+22	2,155621E+22	1,824122E+22	1,488973E+22	1,274324E+22	1,274312E+22	1,488946E+22	1,824098E+22
2656	2,155619E+22	2,394660E+22	2,511540E+22	2,511584E+22	2,394745E+22	2,155709E+22	1,824168E+22	1,488981E+22	1,274315E+22	1,274301E+22	1,488937E+22	1,824101E+22
2657	2,155662E+22	2,394749E+22	2,511631E+22	2,511646E+22	2,394764E+22	2,155663E+22	1,824105E+22	1,488943E+22	1,274305E+22	1,274317E+22	1,488969E+22	1,824122E+22
2658	2,155641E+22	2,394673E+22	2,511494E+22	2,511481E+22	2,394656E+22	2,155639E+22	1,824124E+22	1,488978E+22	1,274335E+22	1,274328E+22	1,488969E+22	1,824123E+22
2659	2,155638E+22	2,394677E+22	2,511549E+22	2,511579E+22	2,394753E+22	2,155718E+22	1,824161E+22	1,488983E+22	1,274339E+22	1,274339E+22	1,488986E+22	1,824155E+22
2660	2,155696E+22	2,394738E+22	2,511578E+22	2,511552E+22	2,394661E+22	2,155621E+22	1,824121E+22	1,488986E+22	1,274358E+22	1,274366E+22	1,489006E+22	1,824150E+22
2661	2,155653E+22	2,394658E+22	2,511475E+22	2,511481E+22	2,394641E+22	2,155624E+22	1,824150E+22	1,489037E+22	1,274405E+22	1,274388E+22	1,488998E+22	1,824129E+22
2662	2,155658E+22	2,394733E+22	2,511610E+22	2,511610E+22	2,394747E+22	2,155676E+22	1,824138E+22	1,489017E+22	1,274418E+22	1,274436E+22	1,489064E+22	1,824174E+22
2663	2,155654E+22	2,394684E+22	2,511539E+22	2,511513E+22	2,394628E+22	2,155610E+22	1,824140E+22	1,489052E+22	1,274464E+22	1,274473E+22	1,489079E+22	1,824167E+22
2664	2,155616E+22	2,394597E+22	2,511442E+22	2,511495E+22	2,394695E+22	2,155705E+22	1,824222E+22	1,489104E+22	1,274490E+22	1,274481E+22	1,489072E+22	1,824168E+22
2665	2,155660E+22	2,394698E+22	2,511551E+22	2,511563E+22	2,394719E+22	2,155679E+22	1,824187E+22	1,489095E+22	1,274507E+22	1,274515E+22	1,489111E+22	1,824194E+22
2666	2,155657E+22	2,394650E+22	2,511444E+22	2,511403E+22	2,394568E+22	2,155606E+22	1,824188E+22	1,489135E+22	1,274548E+22	1,274532E+22	1,489104E+22	1,824172E+22
2667	2,155623E+22	2,394623E+22	2,511474E+22	2,511499E+22	2,394674E+22	2,155681E+22	1,824222E+22	1,489139E+22	1,274546E+22	1,274533E+22	1,489104E+22	1,824177E+22
2668	2,155655E+22	2,394690E+22	2,511542E+22	2,511533E+22	2,394647E+22	2,155609E+22	1,824157E+22	1,489099E+22	1,274528E+22	1,274541E+22	1,489129E+22	1,824189E+22
2669	2,155619E+22	2,394602E+22	2,511424E+22	2,511431E+22	2,394606E+22	2,155613E+22	1,824168E+22	1,489102E+22	1,274513E+22	1,274505E+22	1,489089E+22	1,824168E+22
2670	2,155631E+22	2,394661E+22	2,511537E+22	2,511560E+22	2,394726E+22	2,155697E+22	1,824180E+22	1,489060E+22	1,274465E+22	1,274480E+22	1,489098E+22	1,824201E+22
2671	2,155674E+22	2,394681E+22	2,511516E+22	2,511501E+22	2,394623E+22	2,155608E+22	1,824148E+22	1,489053E+22	1,274450E+22	1,274452E+22	1,489062E+22	1,824169E+22
2672	2,155644E+22	2,394629E+22	2,511435E+22	2,511460E+22	2,394662E+22	2,155673E+22	1,824192E+22	1,489068E+22	1,274433E+22	1,274408E+22	1,489003E+22	1,824122E+22
2673	2,155652E+22	2,394733E+22	2,511601E+22	2,511597E+22	2,394738E+22	2,155679E+22	1,824153E+22	1,489023E+22	1,274406E+22	1,274408E+22	1,489024E+22	1,824141E+22
2674	2,155644E+22	2,394685E+22	2,511527E+22	2,511489E+22	2,394604E+22	2,155589E+22	1,824121E+22	1,489021E+22	1,274408E+22	1,274403E+22	1,489016E+22	1,824129E+22
2675	2,155607E+22	2,394620E+22	2,511487E+22	2,511542E+22	2,394717E+22	2,155690E+22	1,824176E+22	1,489032E+22	1,274400E+22	1,274391E+22	1,489005E+22	1,824132E+22
2676	2,155648E+22	2,394700E+22	2,511562E+22	2,511583E+22	2,394722E+22	2,155654E+22	1,824132E+22	1,489000E+22	1,274386E+22	1,274406E+22	1,489043E+22	1,824164E+22
2677	2,155644E+22	2,394643E+22	2,511448E+22	2,511431E+22	2,394605E+22	2,155611E+22	1,824136E+22	1,489027E+22	1,274407E+22	1,274399E+22	1,489015E+22	1,824142E+22
2678	2,155642E+22	2,394679E+22	2,511538E+22	2,511544E+22	2,394703E+22	2,155689E+22	1,824176E+22	1,489037E+22	1,274419E+22	1,274423E+22	1,489043E+22	1,824165E+22
2679	2,155672E+22	2,394710E+22	2,511556E+22	2,511533E+22	2,394626E+22	2,155588E+22	1,824128E+22	1,489046E+22	1,274456E+22	1,274466E+22	1,489072E+22	1,824166E+22
2680	2,155632E+22	2,394622E+22	2,511432E+22	2,511447E+22	2,394634E+22	2,155636E+22	1,824176E+22	1,489095E+22	1,274496E+22	1,274482E+22	1,489061E+22	1,824139E+22
2681	2,155619E+22	2,394675E+22	2,511557E+22	2,511577E+22	2,394738E+22	2,155696E+22	1,824189E+22	1,489093E+22	1,274514E+22	1,274528E+22	1,489122E+22	1,824195E+22
2682	2,155645E+22	2,394643E+22	2,511474E+22	2,511454E+22	2,394584E+22	2,155593E+22	1,824169E+22	1,489122E+22	1,274557E+22	1,274564E+22	1,489143E+22	1,824199E+22
2683	2,155619E+22	2,394575E+22	2,511391E+22	2,511430E+22	2,394640E+22	2,155677E+22	1,824248E+22	1,489184E+22	1,274595E+22	1,274574E+22	1,489127E+22	1,824177E+22
2684	2,155637E+22	2,394664E+22	2,511506E+22	2,511506E+22	2,394664E+22	2,155652E+22	1,824208E+22	1,489162E+22	1,274606E+22	1,274615E+22	1,489179E+22	1,824211E+22
2685	2,155629E+22	2,394609E+22	2,511416E+22	2,511375E+22	2,394523E+22	2,155565E+22	1,824184E+22	1,489177E+22	1,274624E+22	1,274615E+22	1,489162E+22	1,824188E+22
2686	2,155604E+22	2,394596E+22	2,511454E+22	2,511482E+22	2,394651E+22	2,155658E+22	1,824223E+22	1,489176E+22	1,274614E+22	1,274614E+22	1,489174E+22	1,824206E+22
2687	2,155636E+22	2,394641E+22	2,511492E+22	2,511501E+22	2,394629E+22	2,155598E+22	1,824166E+22	1,489139E+22	1,274598E+22	1,274618E+22	1,489193E+22	1,824226E+22
2688	2,155628E+22	2,394579E+22	2,511369E+22	2,511372E+22	2,394586E+22	2,155630E+22	1,824201E+22	1,489149E+22	1,274572E+22	1,274562E+22	1,489126E+22	1,824178E+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	2,155622E+22	2,394642E+22	2,511506E+22	2,511519E+22	2,394693E+22	2,155695E+22	1,824220E+22	1,489127E+22	1,274540E+22	1,274539E+22	1,489121E+22	1,824198E+22
2690	2,155666E+22	2,394669E+22	2,511493E+22	2,511465E+22	2,394578E+22	2,155572E+22	1,824154E+22	1,489105E+22	1,274528E+22	1,274526E+22	1,489103E+22	1,824171E+22
2691	2,155622E+22	2,394608E+22	2,511417E+22	2,511438E+22	2,394631E+22	2,155641E+22	1,824199E+22	1,489125E+22	1,274520E+22	1,274492E+22	1,489054E+22	1,824119E+22
2692	2,155602E+22	2,394669E+22	2,511550E+22	2,511565E+22	2,394722E+22	2,155672E+22	1,824167E+22	1,489072E+22	1,274488E+22	1,274501E+22	1,489098E+22	1,824169E+22
2693	2,155612E+22	2,394619E+22	2,511467E+22	2,511450E+22	2,394583E+22	2,155583E+22	1,824135E+22	1,489059E+22	1,274471E+22	1,274475E+22	1,489076E+22	1,824164E+22
2694	2,155610E+22	2,394593E+22	2,511441E+22	2,511489E+22	2,394676E+22	2,155677E+22	1,824201E+22	1,489083E+22	1,274469E+22	1,274465E+22	1,489067E+22	1,824165E+22
2695	2,155650E+22	2,394674E+22	2,511511E+22	2,511523E+22	2,394669E+22	2,155626E+22	1,824151E+22	1,489065E+22	1,274477E+22	1,274492E+22	1,489101E+22	1,824193E+22
2696	2,155652E+22	2,394640E+22	2,511418E+22	2,511377E+22	2,394567E+22	2,155604E+22	1,824160E+22	1,489086E+22	1,274493E+22	1,274483E+22	1,489065E+22	1,824144E+22
2697	2,155615E+22	2,394656E+22	2,511527E+22	2,511526E+22	2,394674E+22	2,155671E+22	1,824203E+22	1,489108E+22	1,274516E+22	1,274514E+22	1,489096E+22	1,824175E+22
2698	2,155652E+22	2,394673E+22	2,511520E+22	2,511510E+22	2,394608E+22	2,155564E+22	1,824134E+22	1,489101E+22	1,274550E+22	1,274566E+22	1,489146E+22	1,824196E+22
2699	2,155620E+22	2,394585E+22	2,511386E+22	2,511407E+22	2,394612E+22	2,155629E+22	1,824202E+22	1,489161E+22	1,274590E+22	1,274577E+22	1,489128E+22	1,824160E+22
2700	2,155593E+22	2,394616E+22	2,511484E+22	2,511511E+22	2,394698E+22	2,155693E+22	1,824230E+22	1,489168E+22	1,274611E+22	1,274623E+22	1,489191E+22	1,824223E+22
2701	2,155629E+22	2,394602E+22	2,511426E+22	2,511397E+22	2,394532E+22	2,155566E+22	1,824189E+22	1,489186E+22	1,274644E+22	1,274644E+22	1,489193E+22	1,824212E+22
2702	2,155609E+22	2,394560E+22	2,511371E+22	2,511387E+22	2,394586E+22	2,155640E+22	1,824258E+22	1,489240E+22	1,274683E+22	1,274667E+22	1,489191E+22	1,824187E+22
2703	2,155605E+22	2,394618E+22	2,511468E+22	2,511474E+22	2,394626E+22	2,155617E+22	1,824210E+22	1,489218E+22	1,274700E+22	1,274714E+22	1,489252E+22	1,824237E+22
2704	2,155612E+22	2,394570E+22	2,511368E+22	2,511336E+22	2,394515E+22	2,155573E+22	1,824198E+22	1,489218E+22	1,274696E+22	1,274694E+22	1,489221E+22	1,824207E+22
2705	2,155580E+22	2,394550E+22	2,511411E+22	2,511449E+22	2,394637E+22	2,155666E+22	1,824258E+22	1,489232E+22	1,274686E+22	1,274682E+22	1,489218E+22	1,824231E+22
2706	2,155643E+22	2,394615E+22	2,511442E+22	2,511451E+22	2,394595E+22	2,155582E+22	1,824184E+22	1,489191E+22	1,274668E+22	1,274684E+22	1,489237E+22	1,824249E+22
2707	2,155636E+22	2,394574E+22	2,511342E+22	2,511326E+22	2,394546E+22	2,155608E+22	1,824222E+22	1,489213E+22	1,274653E+22	1,274630E+22	1,489161E+22	1,824175E+22
2708	2,155593E+22	2,394609E+22	2,511474E+22	2,511480E+22	2,394656E+22	2,155680E+22	1,824244E+22	1,489188E+22	1,274623E+22	1,274620E+22	1,489172E+22	1,824203E+22
2709	2,155626E+22	2,394625E+22	2,511472E+22	2,511448E+22	2,394551E+22	2,155544E+22	1,824156E+22	1,489147E+22	1,274597E+22	1,274598E+22	1,489154E+22	1,824184E+22
2710	2,155598E+22	2,394570E+22	2,511388E+22	2,511413E+22	2,394612E+22	2,155627E+22	1,824204E+22	1,489162E+22	1,274588E+22	1,274575E+22	1,489124E+22	1,824149E+22
2711	2,155582E+22	2,394611E+22	2,511483E+22	2,511512E+22	2,394694E+22	2,155665E+22	1,824185E+22	1,489120E+22	1,274562E+22	1,274583E+22	1,489167E+22	1,824214E+22
2712	2,155627E+22	2,394597E+22	2,511405E+22	2,511374E+22	2,394547E+22	2,155588E+22	1,824165E+22	1,489113E+22	1,274541E+22	1,274542E+22	1,489122E+22	1,824184E+22
2713	2,155611E+22	2,394584E+22	2,511420E+22	2,511445E+22	2,394629E+22	2,155654E+22	1,824229E+22	1,489154E+22	1,274556E+22	1,274537E+22	1,489102E+22	1,824175E+22
2714	2,155654E+22	2,394669E+22	2,511497E+22	2,511490E+22	2,394620E+22	2,155578E+22	1,824148E+22	1,489119E+22	1,274567E+22	1,274580E+22	1,489155E+22	1,824203E+22
2715	2,155635E+22	2,394621E+22	2,511409E+22	2,511361E+22	2,394540E+22	2,155572E+22	1,824168E+22	1,489149E+22	1,274587E+22	1,274577E+22	1,489124E+22	1,824146E+22
2716	2,155566E+22	2,394590E+22	2,511478E+22	2,511500E+22	2,394668E+22	2,155675E+22	1,824228E+22	1,489169E+22	1,274608E+22	1,274613E+22	1,489170E+22	1,824197E+22
2717	2,155612E+22	2,394604E+22	2,511464E+22	2,511469E+22	2,394588E+22	2,155565E+22	1,824160E+22	1,489157E+22	1,274629E+22	1,274648E+22	1,489206E+22	1,824222E+22
2718	2,155608E+22	2,394547E+22	2,511335E+22	2,511350E+22	2,394572E+22	2,155622E+22	1,824237E+22	1,489230E+22	1,274681E+22	1,274670E+22	1,489194E+22	1,824183E+22
2719	2,155577E+22	2,394569E+22	2,511420E+22	2,511442E+22	2,394646E+22	2,155672E+22	1,824255E+22	1,489245E+22	1,274717E+22	1,274725E+22	1,489258E+22	1,824248E+22
2720	2,155624E+22	2,394577E+22	2,511378E+22	2,511333E+22	2,394489E+22	2,155555E+22	1,824212E+22	1,489252E+22	1,274740E+22	1,274739E+22	1,489254E+22	1,824224E+22
2721	2,155582E+22	2,394526E+22	2,511347E+22	2,511362E+22	2,394551E+22	2,155613E+22	1,824274E+22	1,489307E+22	1,274779E+22	1,274758E+22	1,489252E+22	1,824215E+22
2722	2,155599E+22	2,394579E+22	2,511424E+22	2,511438E+22	2,394597E+22	2,155589E+22	1,824207E+22	1,489261E+22	1,274781E+22	1,274805E+22	1,489324E+22	1,824279E+22
2723	2,155618E+22	2,394546E+22	2,511331E+22	2,511295E+22	2,394487E+22	2,155563E+22	1,824220E+22	1,489270E+22	1,274767E+22	1,274768E+22	1,489275E+22	1,824230E+22
2724	2,155572E+22	2,394517E+22	2,511362E+22	2,511397E+22	2,394601E+22	2,155662E+22	1,824289E+22	1,489292E+22	1,274759E+22	1,274751E+22	1,489264E+22	1,824246E+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	2,155630E+22	2,394595E+22	2,511421E+22	2,511414E+22	2,394556E+22	2,155560E+22	1,824195E+22	1,489240E+22	1,274735E+22	1,274742E+22	1,489264E+22	1,824246E+22
2726	2,155621E+22	2,394564E+22	2,511341E+22	2,511307E+22	2,394513E+22	2,155583E+22	1,824229E+22	1,489258E+22	1,274727E+22	1,274708E+22	1,489208E+22	1,824171E+22
2727	2,155550E+22	2,394551E+22	2,511432E+22	2,511454E+22	2,394635E+22	2,155662E+22	1,824252E+22	1,489240E+22	1,274705E+22	1,274706E+22	1,489234E+22	1,824222E+22
2728	2,155602E+22	2,394573E+22	2,511413E+22	2,511405E+22	2,394546E+22	2,155560E+22	1,824178E+22	1,489191E+22	1,274665E+22	1,274671E+22	1,489210E+22	1,824205E+22
2729	2,155577E+22	2,394522E+22	2,511340E+22	2,511369E+22	2,394581E+22	2,155624E+22	1,824237E+22	1,489222E+22	1,274661E+22	1,274642E+22	1,489171E+22	1,824182E+22
2730	2,155597E+22	2,394585E+22	2,511428E+22	2,511447E+22	2,394641E+22	2,155636E+22	1,824197E+22	1,489176E+22	1,274642E+22	1,274659E+22	1,489220E+22	1,824244E+22
2731	2,155643E+22	2,394599E+22	2,511386E+22	2,511328E+22	2,394495E+22	2,155556E+22	1,824179E+22	1,489174E+22	1,274624E+22	1,274620E+22	1,489166E+22	1,824187E+22
2732	2,155588E+22	2,394556E+22	2,511396E+22	2,511411E+22	2,394589E+22	2,155629E+22	1,824241E+22	1,489213E+22	1,274645E+22	1,274627E+22	1,489161E+22	1,824183E+22
2733	2,155617E+22	2,394628E+22	2,511482E+22	2,511479E+22	2,394600E+22	2,155555E+22	1,824148E+22	1,489165E+22	1,274645E+22	1,274662E+22	1,489212E+22	1,824219E+22
2734	2,155612E+22	2,394580E+22	2,511381E+22	2,511344E+22	2,394531E+22	2,155569E+22	1,824180E+22	1,489194E+22	1,274670E+22	1,274673E+22	1,489198E+22	1,824173E+22
2735	2,155539E+22	2,394519E+22	2,511400E+22	2,511442E+22	2,394643E+22	2,155681E+22	1,824264E+22	1,489237E+22	1,274701E+22	1,274707E+22	1,489242E+22	1,824235E+22
2736	2,155613E+22	2,394567E+22	2,511392E+22	2,511391E+22	2,394551E+22	2,155576E+22	1,824204E+22	1,489232E+22	1,274721E+22	1,274731E+22	1,489258E+22	1,824236E+22
2737	2,155596E+22	2,394521E+22	2,511301E+22	2,511295E+22	2,394514E+22	2,155599E+22	1,824270E+22	1,489313E+22	1,274787E+22	1,274759E+22	1,489243E+22	1,824199E+22
2738	2,155574E+22	2,394543E+22	2,511382E+22	2,511391E+22	2,394587E+22	2,155625E+22	1,824256E+22	1,489307E+22	1,274820E+22	1,274829E+22	1,489328E+22	1,824270E+22
2739	2,155613E+22	2,394552E+22	2,511353E+22	2,511304E+22	2,394452E+22	2,155522E+22	1,824218E+22	1,489311E+22	1,274833E+22	1,274837E+22	1,489323E+22	1,824243E+22
2740	2,155552E+22	2,394470E+22	2,511296E+22	2,511328E+22	2,394533E+22	2,155608E+22	1,824289E+22	1,489359E+22	1,274862E+22	1,274849E+22	1,489323E+22	1,824247E+22
2741	2,155581E+22	2,394537E+22	2,511384E+22	2,511400E+22	2,394569E+22	2,155581E+22	1,824224E+22	1,489306E+22	1,274845E+22	1,274869E+22	1,489371E+22	1,824304E+22
2742	2,155622E+22	2,394531E+22	2,511306E+22	2,511260E+22	2,394454E+22	2,155554E+22	1,824242E+22	1,489322E+22	1,274840E+22	1,274840E+22	1,489320E+22	1,824238E+22
2743	2,155555E+22	2,394484E+22	2,511322E+22	2,511353E+22	2,394565E+22	2,155652E+22	1,824313E+22	1,489354E+22	1,274844E+22	1,274828E+22	1,489308E+22	1,824251E+22
2744	2,155614E+22	2,394571E+22	2,511387E+22	2,511373E+22	2,394532E+22	2,155560E+22	1,824218E+22	1,489296E+22	1,274813E+22	1,274816E+22	1,489306E+22	1,824241E+22
2745	2,155582E+22	2,394521E+22	2,511318E+22	2,511295E+22	2,394493E+22	2,155570E+22	1,824247E+22	1,489317E+22	1,274810E+22	1,274785E+22	1,489259E+22	1,824194E+22
2746	2,155540E+22	2,394499E+22	2,511370E+22	2,511411E+22	2,394608E+22	2,155645E+22	1,824252E+22	1,489278E+22	1,274779E+22	1,274789E+22	1,489301E+22	1,824261E+22
2747	2,155608E+22	2,394542E+22	2,511361E+22	2,511348E+22	2,394501E+22	2,155546E+22	1,824201E+22	1,489244E+22	1,274734E+22	1,274743E+22	1,489264E+22	1,824232E+22
2748	2,155576E+22	2,394493E+22	2,511291E+22	2,511311E+22	2,394532E+22	2,155605E+22	1,824256E+22	1,489278E+22	1,274737E+22	1,274714E+22	1,489220E+22	1,824201E+22
2749	2,155590E+22	2,394576E+22	2,511417E+22	2,511410E+22	2,394586E+22	2,155597E+22	1,824195E+22	1,489219E+22	1,274712E+22	1,274725E+22	1,489256E+22	1,824247E+22
2750	2,155631E+22	2,394592E+22	2,511390E+22	2,511320E+22	2,394464E+22	2,155528E+22	1,824177E+22	1,489214E+22	1,274703E+22	1,274707E+22	1,489220E+22	1,824187E+22
2751	2,155547E+22	2,394502E+22	2,511356E+22	2,511393E+22	2,394579E+22	2,155624E+22	1,824253E+22	1,489265E+22	1,274731E+22	1,274718E+22	1,489226E+22	1,824202E+22
2752	2,155591E+22	2,394572E+22	2,511416E+22	2,511436E+22	2,394602E+22	2,155585E+22	1,824183E+22	1,489221E+22	1,274725E+22	1,274743E+22	1,489268E+22	1,824235E+22
2753	2,155587E+22	2,394525E+22	2,511324E+22	2,511300E+22	2,394503E+22	2,155578E+22	1,824229E+22	1,489276E+22	1,274765E+22	1,274754E+22	1,489252E+22	1,824205E+22
2754	2,155546E+22	2,394477E+22	2,511325E+22	2,511366E+22	2,394585E+22	2,155658E+22	1,824290E+22	1,489315E+22	1,274806E+22	1,274806E+22	1,489307E+22	1,824263E+22
2755	2,155617E+22	2,394552E+22	2,511355E+22	2,511329E+22	2,394483E+22	2,155544E+22	1,824232E+22	1,489314E+22	1,274829E+22	1,274835E+22	1,489322E+22	1,824249E+22
2756	2,155571E+22	2,394485E+22	2,511267E+22	2,511253E+22	2,394459E+22	2,155563E+22	1,824282E+22	1,489381E+22	1,274892E+22	1,274868E+22	1,489320E+22	1,824220E+22
2757	2,155546E+22	2,394508E+22	2,511360E+22	2,511366E+22	2,394548E+22	2,155590E+22	1,824249E+22	1,489351E+22	1,274904E+22	1,274921E+22	1,489396E+22	1,824300E+22
2758	2,155606E+22	2,394524E+22	2,511327E+22	2,511285E+22	2,394437E+22	2,155513E+22	1,824221E+22	1,489345E+22	1,274909E+22	1,274929E+22	1,489393E+22	1,824273E+22
2759	2,155543E+22	2,394424E+22	2,511235E+22	2,511278E+22	2,394508E+22	2,155611E+22	1,824317E+22	1,489414E+22	1,274939E+22	1,274927E+22	1,489381E+22	1,824277E+22
2760	2,155590E+22	2,394519E+22	2,511335E+22	2,511346E+22	2,394545E+22	2,155592E+22	1,824261E+22	1,489369E+22	1,274920E+22	1,274932E+22	1,489402E+22	1,824302E+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°
2761	2,155603E+22	2,394513E+22	2,511293E+22	2,511239E+22	2,394417E+22	2,155538E+22	1,824269E+22	1,489391E+22	1,274927E+22	1,274909E+22	1,489351E+22	1,824239E+22
2762	2,155536E+22	2,394445E+22	2,511282E+22	2,511319E+22	2,394526E+22	2,155621E+22	1,824317E+22	1,489407E+22	1,274931E+22	1,274917E+22	1,489364E+22	1,824258E+22
2763	2,155584E+22	2,394530E+22	2,511352E+22	2,511348E+22	2,394505E+22	2,155545E+22	1,824234E+22	1,489347E+22	1,274890E+22	1,274899E+22	1,489365E+22	1,824253E+22
2764	2,155544E+22	2,394455E+22	2,511253E+22	2,511250E+22	2,394466E+22	2,155567E+22	1,824265E+22	1,489363E+22	1,274882E+22	1,274865E+22	1,489324E+22	1,824223E+22
2765	2,155526E+22	2,394461E+22	2,511320E+22	2,511354E+22	2,394560E+22	2,155626E+22	1,824264E+22	1,489319E+22	1,274839E+22	1,274850E+22	1,489347E+22	1,824289E+22
2766	2,155623E+22	2,394538E+22	2,511334E+22	2,511307E+22	2,394458E+22	2,155523E+22	1,824206E+22	1,489284E+22	1,274804E+22	1,274816E+22	1,489310E+22	1,824245E+22
2767	2,155570E+22	2,394472E+22	2,511256E+22	2,511270E+22	2,394491E+22	2,155584E+22	1,824267E+22	1,489328E+22	1,274815E+22	1,274791E+22	1,489269E+22	1,824214E+22
2768	2,155581E+22	2,394558E+22	2,511391E+22	2,511385E+22	2,394566E+22	2,155591E+22	1,824212E+22	1,489269E+22	1,274786E+22	1,274797E+22	1,489299E+22	1,824246E+22
2769	2,155596E+22	2,394552E+22	2,511372E+22	2,511321E+22	2,394455E+22	2,155522E+22	1,824197E+22	1,489272E+22	1,274787E+22	1,274785E+22	1,489274E+22	1,824211E+22
2770	2,155534E+22	2,394446E+22	2,511289E+22	2,511347E+22	2,394557E+22	2,155623E+22	1,824274E+22	1,489319E+22	1,274819E+22	1,274812E+22	1,489295E+22	1,824234E+22
2771	2,155588E+22	2,394537E+22	2,511358E+22	2,511373E+22	2,394554E+22	2,155583E+22	1,824229E+22	1,489296E+22	1,274816E+22	1,274831E+22	1,489327E+22	1,824255E+22
2772	2,155574E+22	2,394486E+22	2,511265E+22	2,511236E+22	2,394445E+22	2,155557E+22	1,824261E+22	1,489356E+22	1,274870E+22	1,274851E+22	1,489313E+22	1,824221E+22
2773	2,155531E+22	2,394460E+22	2,511299E+22	2,511313E+22	2,394516E+22	2,155612E+22	1,824293E+22	1,489375E+22	1,274903E+22	1,274900E+22	1,489365E+22	1,824276E+22
2774	2,155603E+22	2,394533E+22	2,511341E+22	2,511309E+22	2,394444E+22	2,155506E+22	1,824226E+22	1,489361E+22	1,274926E+22	1,274944E+22	1,489397E+22	1,824265E+22
2775	2,155539E+22	2,394430E+22	2,511219E+22	2,511226E+22	2,394441E+22	2,155551E+22	1,824288E+22	1,489430E+22	1,274981E+22	1,274968E+22	1,489398E+22	1,824256E+22
2776	2,155535E+22	2,394463E+22	2,511301E+22	2,511325E+22	2,394538E+22	2,155603E+22	1,824277E+22	1,489403E+22	1,274979E+22	1,274999E+22	1,489452E+22	1,824322E+22
2777	2,155592E+22	2,394488E+22	2,511287E+22	2,511257E+22	2,394416E+22	2,155519E+22	1,824263E+22	1,489417E+22	1,274992E+22	1,274997E+22	1,489437E+22	1,824299E+22
2778	2,155549E+22	2,394396E+22	2,511180E+22	2,511222E+22	2,394467E+22	2,155597E+22	1,824340E+22	1,489478E+22	1,275029E+22	1,275010E+22	1,489428E+22	1,824286E+22
2779	2,155580E+22	2,394503E+22	2,511306E+22	2,511299E+22	2,394491E+22	2,155575E+22	1,824295E+22	1,489439E+22	1,275010E+22	1,275016E+22	1,489449E+22	1,824298E+22
2780	2,155563E+22	2,394465E+22	2,511255E+22	2,511211E+22	2,394383E+22	2,155516E+22	1,824288E+22	1,489453E+22	1,275017E+22	1,275000E+22	1,489414E+22	1,824249E+22
2781	2,155499E+22	2,394400E+22	2,511243E+22	2,511284E+22	2,394492E+22	2,155592E+22	1,824313E+22	1,489443E+22	1,275001E+22	1,274995E+22	1,489426E+22	1,824286E+22
2782	2,155574E+22	2,394492E+22	2,511306E+22	2,511313E+22	2,394481E+22	2,155535E+22	1,824237E+22	1,489376E+22	1,274955E+22	1,274980E+22	1,489430E+22	1,824285E+22
2783	2,155541E+22	2,394417E+22	2,511190E+22	2,511189E+22	2,394426E+22	2,155557E+22	1,824284E+22	1,489406E+22	1,274945E+22	1,274931E+22	1,489376E+22	1,824256E+22
2784	2,155544E+22	2,394458E+22	2,511280E+22	2,511300E+22	2,394519E+22	2,155612E+22	1,824283E+22	1,489368E+22	1,274903E+22	1,274905E+22	1,489374E+22	1,824289E+22
2785	2,155613E+22	2,394535E+22	2,511334E+22	2,511297E+22	2,394426E+22	2,155500E+22	1,824221E+22	1,489339E+22	1,274879E+22	1,274878E+22	1,489342E+22	1,824250E+22
2786	2,155555E+22	2,394445E+22	2,511228E+22	2,511250E+22	2,394466E+22	2,155559E+22	1,824269E+22	1,489374E+22	1,274896E+22	1,274876E+22	1,489324E+22	1,824221E+22
2787	2,155551E+22	2,394520E+22	2,511360E+22	2,511365E+22	2,394548E+22	2,155592E+22	1,824243E+22	1,489327E+22	1,274867E+22	1,274881E+22	1,489357E+22	1,824256E+22
2788	2,155557E+22	2,394486E+22	2,511309E+22	2,511283E+22	2,394437E+22	2,155530E+22	1,824235E+22	1,489338E+22	1,274876E+22	1,274876E+22	1,489341E+22	1,824233E+22
2789	2,155514E+22	2,394405E+22	2,511229E+22	2,511282E+22	2,394506E+22	2,155607E+22	1,824301E+22	1,489384E+22	1,274905E+22	1,274896E+22	1,489353E+22	1,824258E+22
2790	2,155586E+22	2,394518E+22	2,511318E+22	2,511323E+22	2,394506E+22	2,155559E+22	1,824244E+22	1,489358E+22	1,274917E+22	1,274934E+22	1,489392E+22	1,824271E+22
2791	2,155557E+22	2,394453E+22	2,511217E+22	2,511180E+22	2,394391E+22	2,155528E+22	1,824277E+22	1,489421E+22	1,274972E+22	1,274956E+22	1,489387E+22	1,824248E+22
2792	2,155521E+22	2,394433E+22	2,511261E+22	2,511280E+22	2,394484E+22	2,155589E+22	1,824305E+22	1,489434E+22	1,274995E+22	1,274995E+22	1,489430E+22	1,824295E+22
2793	2,155580E+22	2,394496E+22	2,511315E+22	2,511301E+22	2,394432E+22	2,155493E+22	1,824238E+22	1,489416E+22	1,275013E+22	1,275031E+22	1,489466E+22	1,824306E+22
2794	2,155537E+22	2,394384E+22	2,511153E+22	2,511174E+22	2,394415E+22	2,155547E+22	1,824307E+22	1,489481E+22	1,275064E+22	1,275059E+22	1,489469E+22	1,824293E+22
2795	2,155541E+22	2,394442E+22	2,511256E+22	2,511270E+22	2,394491E+22	2,155603E+22	1,824326E+22	1,489474E+22	1,275061E+22	1,275075E+22	1,489501E+22	1,824333E+22
2796	2,155576E+22	2,394457E+22	2,511244E+22	2,511210E+22	2,394372E+22	2,155503E+22	1,824296E+22	1,489492E+22	1,275087E+22	1,275082E+22	1,489482E+22	1,824296E+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°
2797	2,155521E+22	2,394379E+22	2,511159E+22	2,511180E+22	2,394415E+22	2,155562E+22	1,824348E+22	1,489534E+22	1,275115E+22	1,275092E+22	1,489475E+22	1,824285E+22
2798	2,155547E+22	2,394471E+22	2,511286E+22	2,511284E+22	2,394468E+22	2,155550E+22	1,824292E+22	1,489481E+22	1,275095E+22	1,275110E+22	1,489510E+22	1,824305E+22
2799	2,155521E+22	2,394399E+22	2,511192E+22	2,511172E+22	2,394366E+22	2,155509E+22	1,824299E+22	1,489496E+22	1,275091E+22	1,275084E+22	1,489483E+22	1,824284E+22
2800	2,155491E+22	2,394353E+22	2,511175E+22	2,511232E+22	2,394469E+22	2,155593E+22	1,824337E+22	1,489488E+22	1,275061E+22	1,275057E+22	1,489472E+22	1,824311E+22
2801	2,155572E+22	2,394467E+22	2,511267E+22	2,511274E+22	2,394448E+22	2,155523E+22	1,824264E+22	1,489432E+22	1,275021E+22	1,275035E+22	1,489470E+22	1,824316E+22
2802	2,155554E+22	2,394405E+22	2,511149E+22	2,511134E+22	2,394379E+22	2,155532E+22	1,824294E+22	1,489454E+22	1,275019E+22	1,275003E+22	1,489421E+22	1,824269E+22
2803	2,155542E+22	2,394460E+22	2,511274E+22	2,511268E+22	2,394469E+22	2,155588E+22	1,824308E+22	1,489424E+22	1,274979E+22	1,274979E+22	1,489416E+22	1,824285E+22
2804	2,155576E+22	2,394498E+22	2,511313E+22	2,511290E+22	2,394411E+22	2,155482E+22	1,824235E+22	1,489394E+22	1,274963E+22	1,274963E+22	1,489398E+22	1,824254E+22
2805	2,155520E+22	2,394408E+22	2,511196E+22	2,511224E+22	2,394449E+22	2,155545E+22	1,824273E+22	1,489414E+22	1,274970E+22	1,274957E+22	1,489384E+22	1,824243E+22
2806	2,155533E+22	2,394476E+22	2,511310E+22	2,511329E+22	2,394532E+22	2,155593E+22	1,824262E+22	1,489374E+22	1,274946E+22	1,274970E+22	1,489422E+22	1,824282E+22
2807	2,155543E+22	2,394439E+22	2,511237E+22	2,511216E+22	2,394398E+22	2,155524E+22	1,824270E+22	1,489406E+22	1,274963E+22	1,274962E+22	1,489405E+22	1,824266E+22
2808	2,155518E+22	2,394385E+22	2,511178E+22	2,511218E+22	2,394453E+22	2,155581E+22	1,824324E+22	1,489452E+22	1,274996E+22	1,274978E+22	1,489402E+22	1,824266E+22
2809	2,155567E+22	2,394496E+22	2,511299E+22	2,511296E+22	2,394464E+22	2,155528E+22	1,824260E+22	1,489425E+22	1,275013E+22	1,275025E+22	1,489455E+22	1,824295E+22
2810	2,155540E+22	2,394414E+22	2,511175E+22	2,511145E+22	2,394358E+22	2,155498E+22	1,824277E+22	1,489471E+22	1,275065E+22	1,275060E+22	1,489463E+22	1,824274E+22
2811	2,155503E+22	2,394397E+22	2,511222E+22	2,511241E+22	2,394451E+22	2,155580E+22	1,824332E+22	1,489491E+22	1,275081E+22	1,275087E+22	1,489498E+22	1,824318E+22
2812	2,155555E+22	2,394441E+22	2,511254E+22	2,511260E+22	2,394412E+22	2,155497E+22	1,824276E+22	1,489485E+22	1,275104E+22	1,275120E+22	1,489528E+22	1,824327E+22
2813	2,155528E+22	2,394362E+22	2,511109E+22	2,511116E+22	2,394368E+22	2,155528E+22	1,824332E+22	1,489545E+22	1,275149E+22	1,275137E+22	1,489518E+22	1,824309E+22
2814	2,155534E+22	2,394425E+22	2,511228E+22	2,511230E+22	2,394452E+22	2,155583E+22	1,824344E+22	1,489538E+22	1,275158E+22	1,275169E+22	1,489552E+22	1,824334E+22
2815	2,155545E+22	2,394418E+22	2,511203E+22	2,511166E+22	2,394334E+22	2,155484E+22	1,824318E+22	1,489557E+22	1,275180E+22	1,275175E+22	1,489546E+22	1,824310E+22
2816	2,155495E+22	2,394336E+22	2,511115E+22	2,511147E+22	2,394390E+22	2,155541E+22	1,824360E+22	1,489587E+22	1,275197E+22	1,275175E+22	1,489532E+22	1,824298E+22
2817	2,155515E+22	2,394420E+22	2,511245E+22	2,511263E+22	2,394458E+22	2,155544E+22	1,824305E+22	1,489528E+22	1,275167E+22	1,275185E+22	1,489575E+22	1,824348E+22
2818	2,155521E+22	2,394354E+22	2,511123E+22	2,511109E+22	2,394331E+22	2,155499E+22	1,824313E+22	1,489538E+22	1,275158E+22	1,275159E+22	1,489545E+22	1,824324E+22
2819	2,155507E+22	2,394346E+22	2,511140E+22	2,511171E+22	2,394409E+22	2,155574E+22	1,824371E+22	1,489546E+22	1,275129E+22	1,275118E+22	1,489512E+22	1,824325E+22
2820	2,155567E+22	2,394453E+22	2,511245E+22	2,511239E+22	2,394407E+22	2,155497E+22	1,824281E+22	1,489491E+22	1,275100E+22	1,275105E+22	1,489506E+22	1,824312E+22
2821	2,155536E+22	2,394403E+22	2,511149E+22	2,511110E+22	2,394339E+22	2,155495E+22	1,824290E+22	1,489493E+22	1,275088E+22	1,275073E+22	1,489463E+22	1,824268E+22
2822	2,155512E+22	2,394432E+22	2,511266E+22	2,511270E+22	2,394465E+22	2,155573E+22	1,824305E+22	1,489460E+22	1,275053E+22	1,275061E+22	1,489470E+22	1,824289E+22
2823	2,155533E+22	2,394434E+22	2,511256E+22	2,511256E+22	2,394409E+22	2,155491E+22	1,824259E+22	1,489442E+22	1,275036E+22	1,275043E+22	1,489462E+22	1,824283E+22
2824	2,155504E+22	2,394354E+22	2,511127E+22	2,511171E+22	2,394431E+22	2,155553E+22	1,824310E+22	1,489474E+22	1,275043E+22	1,275027E+22	1,489433E+22	1,824263E+22
2825	2,155521E+22	2,394437E+22	2,511260E+22	2,511282E+22	2,394500E+22	2,155586E+22	1,824295E+22	1,489444E+22	1,275030E+22	1,275043E+22	1,489474E+22	1,824313E+22
2826	2,155543E+22	2,394408E+22	2,511179E+22	2,511142E+22	2,394340E+22	2,155495E+22	1,824287E+22	1,489471E+22	1,275060E+22	1,275059E+22	1,489470E+22	1,824290E+22
2827	2,155514E+22	2,394372E+22	2,511158E+22	2,511167E+22	2,394386E+22	2,155547E+22	1,824350E+22	1,489520E+22	1,275092E+22	1,275074E+22	1,489466E+22	1,824281E+22
2828	2,155538E+22	2,394453E+22	2,511267E+22	2,511270E+22	2,394433E+22	2,155499E+22	1,824269E+22	1,489487E+22	1,275111E+22	1,275127E+22	1,489527E+22	1,824315E+22
2829	2,155520E+22	2,394384E+22	2,511141E+22	2,511106E+22	2,394328E+22	2,155478E+22	1,824280E+22	1,489513E+22	1,275145E+22	1,275151E+22	1,489533E+22	1,824308E+22
2830	2,155501E+22	2,394368E+22	2,511182E+22	2,511204E+22	2,394430E+22	2,155575E+22	1,824349E+22	1,489543E+22	1,275165E+22	1,275175E+22	1,489559E+22	1,824341E+22
2831	2,155545E+22	2,394405E+22	2,511198E+22	2,511199E+22	2,394377E+22	2,155492E+22	1,824312E+22	1,489558E+22	1,275194E+22	1,275203E+22	1,489581E+22	1,824346E+22
2832	2,155521E+22	2,394338E+22	2,511074E+22	2,511072E+22	2,394330E+22	2,155509E+22	1,824358E+22	1,489616E+22	1,275242E+22	1,275218E+22	1,489558E+22	1,824304E+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°
2833	2,155498E+22	2,394387E+22	2,511208E+22	2,511215E+22	2,394428E+22	2,155563E+22	1,824363E+22	1,489604E+22	1,275249E+22	1,275255E+22	1,489611E+22	1,824349E+22
2834	2,155511E+22	2,394359E+22	2,511148E+22	2,511126E+22	2,394309E+22	2,155468E+22	1,824327E+22	1,489610E+22	1,275270E+22	1,275274E+22	1,489621E+22	1,824339E+22
2835	2,155475E+22	2,394289E+22	2,511066E+22	2,511094E+22	2,394349E+22	2,155537E+22	1,824390E+22	1,489642E+22	1,275273E+22	1,275258E+22	1,489596E+22	1,824327E+22
2836	2,155499E+22	2,394367E+22	2,511182E+22	2,511208E+22	2,394426E+22	2,155539E+22	1,824335E+22	1,489588E+22	1,275245E+22	1,275261E+22	1,489628E+22	1,824372E+22
2837	2,155527E+22	2,394348E+22	2,511090E+22	2,511051E+22	2,394280E+22	2,155471E+22	1,824320E+22	1,489582E+22	1,275225E+22	1,275224E+22	1,489588E+22	1,824343E+22
2838	2,155514E+22	2,394347E+22	2,511131E+22	2,511142E+22	2,394373E+22	2,155545E+22	1,824368E+22	1,489589E+22	1,275205E+22	1,275193E+22	1,489554E+22	1,824328E+22
2839	2,155546E+22	2,394427E+22	2,511223E+22	2,511215E+22	2,394385E+22	2,155481E+22	1,824294E+22	1,489540E+22	1,275173E+22	1,275179E+22	1,489557E+22	1,824325E+22
2840	2,155514E+22	2,394365E+22	2,511124E+22	2,511101E+22	2,394332E+22	2,155481E+22	1,824296E+22	1,489536E+22	1,275154E+22	1,275141E+22	1,489508E+22	1,824277E+22
2841	2,155479E+22	2,394376E+22	2,511224E+22	2,511252E+22	2,394467E+22	2,155582E+22	1,824328E+22	1,489507E+22	1,275118E+22	1,275129E+22	1,489527E+22	1,824323E+22
2842	2,155523E+22	2,394381E+22	2,511183E+22	2,511189E+22	2,394377E+22	2,155494E+22	1,824289E+22	1,489498E+22	1,275110E+22	1,275120E+22	1,489521E+22	1,824314E+22
2843	2,155510E+22	2,394336E+22	2,511083E+22	2,511094E+22	2,394358E+22	2,155533E+22	1,824350E+22	1,489547E+22	1,275129E+22	1,275104E+22	1,489480E+22	1,824275E+22
2844	2,155508E+22	2,394408E+22	2,511222E+22	2,511228E+22	2,394447E+22	2,155555E+22	1,824315E+22	1,489518E+22	1,275131E+22	1,275135E+22	1,489525E+22	1,824315E+22
2845	2,155526E+22	2,394397E+22	2,511163E+22	2,511105E+22	2,394288E+22	2,155448E+22	1,824277E+22	1,489519E+22	1,275148E+22	1,275153E+22	1,489534E+22	1,824307E+22
2846	2,155492E+22	2,394341E+22	2,511139E+22	2,511156E+22	2,394368E+22	2,155517E+22	1,824339E+22	1,489564E+22	1,275182E+22	1,275173E+22	1,489537E+22	1,824303E+22
2847	2,155509E+22	2,394394E+22	2,511210E+22	2,511229E+22	2,394420E+22	2,155503E+22	1,824294E+22	1,489542E+22	1,275194E+22	1,275216E+22	1,489598E+22	1,824351E+22
2848	2,155513E+22	2,394337E+22	2,511088E+22	2,511064E+22	2,394304E+22	2,155477E+22	1,824314E+22	1,489579E+22	1,275227E+22	1,275226E+22	1,489582E+22	1,824324E+22
2849	2,155487E+22	2,394335E+22	2,511143E+22	2,511167E+22	2,394407E+22	2,155574E+22	1,824386E+22	1,489619E+22	1,275256E+22	1,275255E+22	1,489611E+22	1,824360E+22
2850	2,155531E+22	2,394370E+22	2,511148E+22	2,511139E+22	2,394333E+22	2,155480E+22	1,824339E+22	1,489631E+22	1,275299E+22	1,275304E+22	1,489645E+22	1,824360E+22
2851	2,155501E+22	2,394309E+22	2,511047E+22	2,511025E+22	2,394274E+22	2,155490E+22	1,824390E+22	1,489690E+22	1,275343E+22	1,275317E+22	1,489624E+22	1,824317E+22
2852	2,155461E+22	2,394324E+22	2,511156E+22	2,511184E+22	2,394406E+22	2,155547E+22	1,824378E+22	1,489668E+22	1,275348E+22	1,275355E+22	1,489681E+22	1,824373E+22
2853	2,155496E+22	2,394320E+22	2,511094E+22	2,511071E+22	2,394272E+22	2,155449E+22	1,824330E+22	1,489649E+22	1,275343E+22	1,275359E+22	1,489692E+22	1,824383E+22
2854	2,155485E+22	2,394267E+22	2,511026E+22	2,511048E+22	2,394312E+22	2,155516E+22	1,824396E+22	1,489686E+22	1,275345E+22	1,275332E+22	1,489651E+22	1,824356E+22
2855	2,155506E+22	2,394350E+22	2,511140E+22	2,511149E+22	2,394377E+22	2,155519E+22	1,824353E+22	1,489642E+22	1,275316E+22	1,275327E+22	1,489672E+22	1,824390E+22
2856	2,155530E+22	2,394339E+22	2,511079E+22	2,511029E+22	2,394244E+22	2,155443E+22	1,824326E+22	1,489628E+22	1,275293E+22	1,275283E+22	1,489614E+22	1,824334E+22
2857	2,155487E+22	2,394325E+22	2,511130E+22	2,511149E+22	2,394368E+22	2,155532E+22	1,824373E+22	1,489629E+22	1,275267E+22	1,275254E+22	1,489595E+22	1,824333E+22
2858	2,155510E+22	2,394373E+22	2,511175E+22	2,511185E+22	2,394377E+22	2,155482E+22	1,824304E+22	1,489583E+22	1,275244E+22	1,275255E+22	1,489612E+22	1,824341E+22
2859	2,155490E+22	2,394317E+22	2,511076E+22	2,511053E+22	2,394302E+22	2,155494E+22	1,824338E+22	1,489593E+22	1,275226E+22	1,275211E+22	1,489558E+22	1,824295E+22
2860	2,155457E+22	2,394315E+22	2,511154E+22	2,511196E+22	2,394435E+22	2,155582E+22	1,824366E+22	1,489579E+22	1,275204E+22	1,275205E+22	1,489573E+22	1,824334E+22
2861	2,155518E+22	2,394363E+22	2,511137E+22	2,511120E+22	2,394314E+22	2,155465E+22	1,824301E+22	1,489556E+22	1,275196E+22	1,275203E+22	1,489575E+22	1,824335E+22
2862	2,155509E+22	2,394326E+22	2,511066E+22	2,511055E+22	2,394304E+22	2,155492E+22	1,824346E+22	1,489601E+22	1,275223E+22	1,275197E+22	1,489538E+22	1,824288E+22
2863	2,155487E+22	2,394375E+22	2,511190E+22	2,511190E+22	2,394404E+22	2,155524E+22	1,824322E+22	1,489573E+22	1,275222E+22	1,275231E+22	1,489596E+22	1,824342E+22
2864	2,155510E+22	2,394353E+22	2,511132E+22	2,511093E+22	2,394274E+22	2,155428E+22	1,824277E+22	1,489563E+22	1,275228E+22	1,275237E+22	1,489595E+22	1,824330E+22
2865	2,155475E+22	2,394295E+22	2,511098E+22	2,511137E+22	2,394367E+22	2,155526E+22	1,824358E+22	1,489611E+22	1,275254E+22	1,275252E+22	1,489604E+22	1,824343E+22
2866	2,155506E+22	2,394350E+22	2,511144E+22	2,511166E+22	2,394387E+22	2,155510E+22	1,824331E+22	1,489611E+22	1,275282E+22	1,275303E+22	1,489659E+22	1,824381E+22
2867	2,155516E+22	2,394321E+22	2,511054E+22	2,511002E+22	2,394244E+22	2,155470E+22	1,824361E+22	1,489663E+22	1,275328E+22	1,275314E+22	1,489631E+22	1,824330E+22
2868	2,155462E+22	2,394293E+22	2,511102E+22	2,511125E+22	2,394366E+22	2,155557E+22	1,824416E+22	1,489703E+22	1,275370E+22	1,275358E+22	1,489664E+22	1,824354E+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												
2869	2,155500E+22	2,394341E+22	2,511117E+22	2,511100E+22	2,394288E+22	2,155448E+22	1,824343E+22	1,489688E+22	1,275396E+22	1,275408E+22	1,489717E+22	1,824380E+22
2870	2,155475E+22	2,394264E+22	2,511008E+22	2,510996E+22	2,394247E+22	2,155465E+22	1,824388E+22	1,489740E+22	1,275436E+22	1,275417E+22	1,489699E+22	1,824347E+22
2871	2,155441E+22	2,394265E+22	2,511084E+22	2,511124E+22	2,394373E+22	2,155546E+22	1,824403E+22	1,489723E+22	1,275427E+22	1,275439E+22	1,489750E+22	1,824416E+22
2872	2,155504E+22	2,394285E+22	2,511044E+22	2,511029E+22	2,394234E+22	2,155431E+22	1,824347E+22	1,489699E+22	1,275411E+22	1,275421E+22	1,489733E+22	1,824402E+22
2873	2,155489E+22	2,394255E+22	2,511000E+22	2,511018E+22	2,394282E+22	2,155501E+22	1,824409E+22	1,489735E+22	1,275411E+22	1,275394E+22	1,489694E+22	1,824373E+22
2874	2,155500E+22	2,394333E+22	2,511113E+22	2,511107E+22	2,394336E+22	2,155504E+22	1,824369E+22	1,489693E+22	1,275392E+22	1,275401E+22	1,489717E+22	1,824395E+22
2875	2,155510E+22	2,394321E+22	2,511072E+22	2,511008E+22	2,394205E+22	2,155430E+22	1,824348E+22	1,489682E+22	1,275368E+22	1,275356E+22	1,489658E+22	1,824333E+22
2876	2,155446E+22	2,394266E+22	2,511086E+22	2,511133E+22	2,394365E+22	2,155534E+22	1,824391E+22	1,489683E+22	1,275348E+22	1,275333E+22	1,489642E+22	1,824337E+22
2877	2,155489E+22	2,394334E+22	2,511121E+22	2,511137E+22	2,394350E+22	2,155480E+22	1,824318E+22	1,489622E+22	1,275310E+22	1,275328E+22	1,489669E+22	1,824369E+22
2878	2,155490E+22	2,394288E+22	2,511029E+22	2,511004E+22	2,394258E+22	2,155474E+22	1,824352E+22	1,489649E+22	1,275305E+22	1,275285E+22	1,489608E+22	1,824316E+22
2879	2,155453E+22	2,394286E+22	2,511099E+22	2,511130E+22	2,394376E+22	2,155559E+22	1,824387E+22	1,489643E+22	1,275290E+22	1,275285E+22	1,489625E+22	1,824353E+22
2880	2,155512E+22	2,394339E+22	2,511115E+22	2,511093E+22	2,394266E+22	2,155425E+22	1,824302E+22	1,489605E+22	1,275277E+22	1,275282E+22	1,489622E+22	1,824340E+22
2881	2,155486E+22	2,394297E+22	2,511051E+22	2,511053E+22	2,394290E+22	2,155471E+22	1,824342E+22	1,489641E+22	1,275296E+22	1,275281E+22	1,489606E+22	1,824312E+22
2882	2,155463E+22	2,394326E+22	2,511139E+22	2,511154E+22	2,394384E+22	2,155522E+22	1,824335E+22	1,489621E+22	1,275304E+22	1,275322E+22	1,489667E+22	1,824374E+22
2883	2,155501E+22	2,394316E+22	2,511087E+22	2,511046E+22	2,394242E+22	2,155441E+22	1,824320E+22	1,489627E+22	1,275311E+22	1,275319E+22	1,489652E+22	1,824352E+22
2884	2,155462E+22	2,394248E+22	2,511038E+22	2,511089E+22	2,394341E+22	2,155532E+22	1,824402E+22	1,489693E+22	1,275354E+22	1,275339E+22	1,489650E+22	1,824349E+22
2885	2,155502E+22	2,394336E+22	2,511099E+22	2,511102E+22	2,394332E+22	2,155492E+22	1,824356E+22	1,489682E+22	1,275384E+22	1,275399E+22	1,489718E+22	1,824396E+22
2886	2,155504E+22	2,394301E+22	2,511031E+22	2,510970E+22	2,394195E+22	2,155437E+22	1,824375E+22	1,489737E+22	1,275438E+22	1,275419E+22	1,489698E+22	1,824343E+22
2887	2,155431E+22	2,394243E+22	2,511051E+22	2,511081E+22	2,394322E+22	2,155531E+22	1,824432E+22	1,489770E+22	1,275472E+22	1,275465E+22	1,489743E+22	1,824383E+22
2888	2,155475E+22	2,394281E+22	2,511068E+22	2,511074E+22	2,394262E+22	2,155427E+22	1,824347E+22	1,489735E+22	1,275481E+22	1,275499E+22	1,489786E+22	1,824411E+22
2889	2,155466E+22	2,394223E+22	2,510959E+22	2,510962E+22	2,394229E+22	2,155463E+22	1,824401E+22	1,489779E+22	1,275499E+22	1,275493E+22	1,489767E+22	1,824389E+22
2890	2,155448E+22	2,394237E+22	2,511023E+22	2,511051E+22	2,394317E+22	2,155532E+22	1,824428E+22	1,489780E+22	1,275503E+22	1,275512E+22	1,489801E+22	1,824441E+22
2891	2,155515E+22	2,394286E+22	2,511025E+22	2,510979E+22	2,394177E+22	2,155414E+22	1,824375E+22	1,489762E+22	1,275490E+22	1,275488E+22	1,489765E+22	1,824398E+22
2892	2,155467E+22	2,394232E+22	2,510983E+22	2,511003E+22	2,394258E+22	2,155483E+22	1,824424E+22	1,489793E+22	1,275496E+22	1,275470E+22	1,489725E+22	1,824356E+22
2893	2,155468E+22	2,394309E+22	2,511092E+22	2,511088E+22	2,394312E+22	2,155485E+22	1,824370E+22	1,489732E+22	1,275465E+22	1,275480E+22	1,489770E+22	1,824403E+22
2894	2,155477E+22	2,394275E+22	2,511039E+22	2,510997E+22	2,394197E+22	2,155422E+22	1,824355E+22	1,489725E+22	1,275441E+22	1,275433E+22	1,489714E+22	1,824350E+22
2895	2,155418E+22	2,394202E+22	2,511008E+22	2,511075E+22	2,394336E+22	2,155542E+22	1,824426E+22	1,489738E+22	1,275420E+22	1,275408E+22	1,489699E+22	1,824364E+22
2896	2,155479E+22	2,394287E+22	2,511064E+22	2,511092E+22	2,394310E+22	2,155464E+22	1,824339E+22	1,489676E+22	1,275382E+22	1,275394E+22	1,489710E+22	1,824384E+22
2897	2,155487E+22	2,394269E+22	2,510994E+22	2,510965E+22	2,394222E+22	2,155455E+22	1,824363E+22	1,489695E+22	1,275375E+22	1,275359E+22	1,489664E+22	1,824338E+22
2898	2,155447E+22	2,394265E+22	2,511061E+22	2,511076E+22	2,394319E+22	2,155531E+22	1,824400E+22	1,489698E+22	1,275375E+22	1,275373E+22	1,489687E+22	1,824376E+22
2899	2,155504E+22	2,394323E+22	2,511097E+22	2,511064E+22	2,394227E+22	2,155406E+22	1,824316E+22	1,489658E+22	1,275359E+22	1,275367E+22	1,489682E+22	1,824358E+22
2900	2,155463E+22	2,394250E+22	2,511007E+22	2,511033E+22	2,394285E+22	2,155472E+22	1,824359E+22	1,489692E+22	1,275381E+22	1,275368E+22	1,489663E+22	1,824331E+22
2901	2,155460E+22	2,394302E+22	2,511089E+22	2,511103E+22	2,394350E+22	2,155521E+22	1,824358E+22	1,489670E+22	1,275380E+22	1,275405E+22	1,489730E+22	1,824406E+22
2902	2,155506E+22	2,394299E+22	2,511050E+22	2,511004E+22	2,394198E+22	2,155420E+22	1,824346E+22	1,489699E+22	1,275406E+22	1,275403E+22	1,489703E+22	1,824365E+22
2903	2,155451E+22	2,394220E+22	2,510988E+22	2,511029E+22	2,394289E+22	2,155516E+22	1,824436E+22	1,489774E+22	1,275460E+22	1,275436E+22	1,489706E+22	1,824356E+22
2904	2,155473E+22	2,394296E+22	2,511074E+22	2,511083E+22	2,394291E+22	2,155458E+22	1,824365E+22	1,489744E+22	1,275482E+22	1,275494E+22	1,489774E+22	1,824397E+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	2,155466E+22	2,394252E+22	2,510995E+22	2,510955E+22	2,394180E+22	2,155419E+22	1,824380E+22	1,489786E+22	1,275524E+22	1,275518E+22	1,489778E+22	1,824371E+22
2906	2,155402E+22	2,394180E+22	2,510979E+22	2,511022E+22	2,394287E+22	2,155526E+22	1,824455E+22	1,489828E+22	1,275561E+22	1,275562E+22	1,489822E+22	1,824423E+22
2907	2,155471E+22	2,394243E+22	2,511010E+22	2,511009E+22	2,394216E+22	2,155427E+22	1,824383E+22	1,489798E+22	1,275562E+22	1,275580E+22	1,489845E+22	1,824437E+22
2908	2,155461E+22	2,394190E+22	2,510907E+22	2,510913E+22	2,394196E+22	2,155456E+22	1,824430E+22	1,489846E+22	1,275589E+22	1,275571E+22	1,489807E+22	1,824397E+22
2909	2,155453E+22	2,394239E+22	2,510996E+22	2,511000E+22	2,394264E+22	2,155505E+22	1,824438E+22	1,489831E+22	1,275585E+22	1,275593E+22	1,489851E+22	1,824452E+22
2910	2,155504E+22	2,394276E+22	2,511019E+22	2,510968E+22	2,394144E+22	2,155380E+22	1,824380E+22	1,489817E+22	1,275575E+22	1,275569E+22	1,489814E+22	1,824400E+22
2911	2,155434E+22	2,394187E+22	2,510944E+22	2,510980E+22	2,394240E+22	2,155472E+22	1,824438E+22	1,489845E+22	1,275576E+22	1,275552E+22	1,489783E+22	1,824370E+22
2912	2,155433E+22	2,394247E+22	2,511047E+22	2,511074E+22	2,394303E+22	2,155480E+22	1,824380E+22	1,489768E+22	1,275528E+22	1,275549E+22	1,489821E+22	1,824422E+22
2913	2,155461E+22	2,394230E+22	2,510984E+22	2,510961E+22	2,394185E+22	2,155428E+22	1,824379E+22	1,489763E+22	1,275495E+22	1,275498E+22	1,489774E+22	1,824383E+22
2914	2,155419E+22	2,394172E+22	2,510941E+22	2,510994E+22	2,394276E+22	2,155527E+22	1,824456E+22	1,489799E+22	1,275495E+22	1,275478E+22	1,489750E+22	1,824389E+22
2915	2,155485E+22	2,394282E+22	2,511035E+22	2,511032E+22	2,394249E+22	2,155441E+22	1,824362E+22	1,489736E+22	1,275463E+22	1,275469E+22	1,489752E+22	1,824388E+22
2916	2,155468E+22	2,394248E+22	2,510974E+22	2,510945E+22	2,394194E+22	2,155430E+22	1,824370E+22	1,489747E+22	1,275460E+22	1,275442E+22	1,489708E+22	1,824338E+22
2917	2,155431E+22	2,394248E+22	2,511038E+22	2,511048E+22	2,394285E+22	2,155500E+22	1,824395E+22	1,489735E+22	1,275451E+22	1,275459E+22	1,489753E+22	1,824400E+22
2918	2,155489E+22	2,394290E+22	2,511067E+22	2,511051E+22	2,394215E+22	2,155394E+22	1,824327E+22	1,489707E+22	1,275437E+22	1,275447E+22	1,489742E+22	1,824383E+22
2919	2,155447E+22	2,394204E+22	2,510945E+22	2,510983E+22	2,394257E+22	2,155474E+22	1,824396E+22	1,489757E+22	1,275463E+22	1,275449E+22	1,489719E+22	1,824353E+22
2920	2,155444E+22	2,394259E+22	2,511045E+22	2,511066E+22	2,394313E+22	2,155506E+22	1,824386E+22	1,489736E+22	1,275467E+22	1,275483E+22	1,489775E+22	1,824412E+22
2921	2,155489E+22	2,394275E+22	2,511019E+22	2,510972E+22	2,394171E+22	2,155409E+22	1,824370E+22	1,489760E+22	1,275495E+22	1,275497E+22	1,489768E+22	1,824377E+22
2922	2,155421E+22	2,394180E+22	2,510938E+22	2,510968E+22	2,394233E+22	2,155491E+22	1,824461E+22	1,489847E+22	1,275567E+22	1,275544E+22	1,489781E+22	1,824377E+22
2923	2,155446E+22	2,394252E+22	2,511029E+22	2,511039E+22	2,394256E+22	2,155444E+22	1,824386E+22	1,489811E+22	1,275584E+22	1,275598E+22	1,489848E+22	1,824421E+22
2924	2,155439E+22	2,394192E+22	2,510932E+22	2,510917E+22	2,394166E+22	2,155417E+22	1,824400E+22	1,489843E+22	1,275617E+22	1,275615E+22	1,489845E+22	1,824403E+22
2925	2,155408E+22	2,394155E+22	2,510919E+22	2,510952E+22	2,394233E+22	2,155505E+22	1,824473E+22	1,489880E+22	1,275642E+22	1,275649E+22	1,489891E+22	1,824464E+22
2926	2,155486E+22	2,394236E+22	2,510980E+22	2,510963E+22	2,394165E+22	2,155394E+22	1,824400E+22	1,489864E+22	1,275649E+22	1,275657E+22	1,489893E+22	1,824453E+22
2927	2,155455E+22	2,394175E+22	2,510877E+22	2,510868E+22	2,394149E+22	2,155432E+22	1,824449E+22	1,489908E+22	1,275676E+22	1,275654E+22	1,489855E+22	1,824399E+22
2928	2,155421E+22	2,394206E+22	2,510989E+22	2,510998E+22	2,394239E+22	2,155476E+22	1,824442E+22	1,489876E+22	1,275659E+22	1,275668E+22	1,489894E+22	1,824449E+22
2929	2,155466E+22	2,394233E+22	2,510992E+22	2,510966E+22	2,394154E+22	2,155380E+22	1,824388E+22	1,489851E+22	1,275637E+22	1,275646E+22	1,489876E+22	1,824417E+22
2930	2,155400E+22	2,394126E+22	2,510875E+22	2,510924E+22	2,394218E+22	2,155480E+22	1,824470E+22	1,489898E+22	1,275648E+22	1,275628E+22	1,489843E+22	1,824399E+22
2931	2,155422E+22	2,394205E+22	2,510984E+22	2,511010E+22	2,394269E+22	2,155486E+22	1,824420E+22	1,489830E+22	1,275600E+22	1,275614E+22	1,489865E+22	1,824439E+22
2932	2,155453E+22	2,394196E+22	2,510930E+22	2,510906E+22	2,394150E+22	2,155418E+22	1,824407E+22	1,489827E+22	1,275578E+22	1,275569E+22	1,489810E+22	1,824395E+22
2933	2,155426E+22	2,394173E+22	2,510914E+22	2,510934E+22	2,394210E+22	2,155486E+22	1,824462E+22	1,489848E+22	1,275574E+22	1,275560E+22	1,489806E+22	1,824409E+22
2934	2,155481E+22	2,394277E+22	2,511032E+22	2,511013E+22	2,394203E+22	2,155391E+22	1,824359E+22	1,489788E+22	1,275544E+22	1,275550E+22	1,489809E+22	1,824403E+22
2935	2,155445E+22	2,394213E+22	2,510942E+22	2,510922E+22	2,394175E+22	2,155412E+22	1,824375E+22	1,489791E+22	1,275537E+22	1,275527E+22	1,489772E+22	1,824361E+22
2936	2,155406E+22	2,394201E+22	2,511007E+22	2,511038E+22	2,394277E+22	2,155491E+22	1,824401E+22	1,489767E+22	1,275512E+22	1,275528E+22	1,489804E+22	1,824421E+22
2937	2,155480E+22	2,394256E+22	2,511022E+22	2,511018E+22	2,394207E+22	2,155399E+22	1,824353E+22	1,489751E+22	1,275499E+22	1,275517E+22	1,489799E+22	1,824405E+22
2938	2,155438E+22	2,394173E+22	2,510889E+22	2,510911E+22	2,394205E+22	2,155464E+22	1,824438E+22	1,489835E+22	1,275557E+22	1,275532E+22	1,489771E+22	1,824366E+22
2939	2,155428E+22	2,394234E+22	2,511010E+22	2,511012E+22	2,394266E+22	2,155490E+22	1,824418E+22	1,489814E+22	1,275569E+22	1,275576E+22	1,489824E+22	1,824408E+22
2940	2,155448E+22	2,394226E+22	2,510981E+22	2,510944E+22	2,394149E+22	2,155394E+22	1,824390E+22	1,489832E+22	1,275603E+22	1,275602E+22	1,489830E+22	1,824386E+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	2,155396E+22	2,394138E+22	2,510887E+22	2,510916E+22	2,394191E+22	2,155464E+22	1,824468E+22	1,489901E+22	1,275662E+22	1,275651E+22	1,489867E+22	1,824416E+22
2942	2,155433E+22	2,394205E+22	2,510976E+22	2,510993E+22	2,394221E+22	2,155423E+22	1,824404E+22	1,489873E+22	1,275674E+22	1,275693E+22	1,489922E+22	1,824460E+22
2943	2,155434E+22	2,394149E+22	2,510865E+22	2,510851E+22	2,394123E+22	2,155407E+22	1,824431E+22	1,489909E+22	1,275705E+22	1,275702E+22	1,489909E+22	1,824434E+22
2944	2,155406E+22	2,394130E+22	2,510889E+22	2,510915E+22	2,394188E+22	2,155474E+22	1,824485E+22	1,489936E+22	1,275723E+22	1,275725E+22	1,489936E+22	1,824477E+22
2945	2,155480E+22	2,394226E+22	2,510966E+22	2,510942E+22	2,394143E+22	2,155379E+22	1,824415E+22	1,489912E+22	1,275724E+22	1,275739E+22	1,489950E+22	1,824463E+22
2946	2,155430E+22	2,394145E+22	2,510850E+22	2,510831E+22	2,394112E+22	2,155414E+22	1,824471E+22	1,489971E+22	1,275763E+22	1,275741E+22	1,489915E+22	1,824414E+22
2947	2,155392E+22	2,394161E+22	2,510950E+22	2,510970E+22	2,394228E+22	2,155478E+22	1,824464E+22	1,489932E+22	1,275740E+22	1,275748E+22	1,489947E+22	1,824460E+22
2948	2,155435E+22	2,394175E+22	2,510935E+22	2,510933E+22	2,394154E+22	2,155395E+22	1,824418E+22	1,489904E+22	1,275712E+22	1,275720E+22	1,489923E+22	1,824439E+22
2949	2,155404E+22	2,394100E+22	2,510815E+22	2,510845E+22	2,394160E+22	2,155461E+22	1,824492E+22	1,489951E+22	1,275719E+22	1,275700E+22	1,489900E+22	1,824432E+22
2950	2,155432E+22	2,394194E+22	2,510953E+22	2,510957E+22	2,394212E+22	2,155447E+22	1,824434E+22	1,489895E+22	1,275681E+22	1,275684E+22	1,489907E+22	1,824452E+22
2951	2,155445E+22	2,394180E+22	2,510905E+22	2,510865E+22	2,394101E+22	2,155383E+22	1,824412E+22	1,489878E+22	1,275657E+22	1,275647E+22	1,489859E+22	1,824400E+22
2952	2,155396E+22	2,394141E+22	2,510911E+22	2,510932E+22	2,394180E+22	2,155441E+22	1,824447E+22	1,489879E+22	1,275639E+22	1,275632E+22	1,489855E+22	1,824418E+22
2953	2,155454E+22	2,394240E+22	2,511010E+22	2,511010E+22	2,394212E+22	2,155390E+22	1,824361E+22	1,489811E+22	1,275598E+22	1,275622E+22	1,489871E+22	1,824425E+22
2954	2,155421E+22	2,394162E+22	2,510887E+22	2,510871E+22	2,394152E+22	2,155419E+22	1,824406E+22	1,489843E+22	1,275606E+22	1,275599E+22	1,489827E+22	1,824388E+22
2955	2,155397E+22	2,394162E+22	2,510949E+22	2,510981E+22	2,394253E+22	2,155502E+22	1,824443E+22	1,489837E+22	1,275592E+22	1,275597E+22	1,489843E+22	1,824428E+22
2956	2,155462E+22	2,394221E+22	2,510974E+22	2,510971E+22	2,394186E+22	2,155402E+22	1,824390E+22	1,489828E+22	1,275596E+22	1,275600E+22	1,489838E+22	1,824410E+22
2957	2,155430E+22	2,394153E+22	2,510851E+22	2,510846E+22	2,394141E+22	2,155433E+22	1,824458E+22	1,489905E+22	1,275659E+22	1,275635E+22	1,489841E+22	1,824388E+22
2958	2,155408E+22	2,394199E+22	2,510981E+22	2,510979E+22	2,394220E+22	2,155449E+22	1,824431E+22	1,489888E+22	1,275674E+22	1,275680E+22	1,489899E+22	1,824433E+22
2959	2,155420E+22	2,394169E+22	2,510923E+22	2,510898E+22	2,394119E+22	2,155375E+22	1,824402E+22	1,489892E+22	1,275701E+22	1,275709E+22	1,489915E+22	1,824425E+22
2960	2,155377E+22	2,394086E+22	2,510842E+22	2,510877E+22	2,394155E+22	2,155442E+22	1,824475E+22	1,489945E+22	1,275739E+22	1,275739E+22	1,489938E+22	1,824457E+22
2961	2,155442E+22	2,394184E+22	2,510933E+22	2,510943E+22	2,394189E+22	2,155414E+22	1,824425E+22	1,489921E+22	1,275746E+22	1,275773E+22	1,489986E+22	1,824490E+22
2962	2,155439E+22	2,394136E+22	2,510829E+22	2,510787E+22	2,394065E+22	2,155385E+22	1,824460E+22	1,489981E+22	1,275797E+22	1,275785E+22	1,489958E+22	1,824448E+22
2963	2,155398E+22	2,394118E+22	2,510872E+22	2,510884E+22	2,394158E+22	2,155458E+22	1,824503E+22	1,490002E+22	1,275815E+22	1,275807E+22	1,489976E+22	1,824467E+22
2964	2,155441E+22	2,394185E+22	2,510941E+22	2,510933E+22	2,394145E+22	2,155379E+22	1,824435E+22	1,489974E+22	1,275815E+22	1,275824E+22	1,489996E+22	1,824466E+22
2965	2,155401E+22	2,394098E+22	2,510805E+22	2,510792E+22	2,394088E+22	2,155407E+22	1,824488E+22	1,490022E+22	1,275845E+22	1,275830E+22	1,489984E+22	1,824443E+22
2966	2,155372E+22	2,394107E+22	2,510897E+22	2,510927E+22	2,394196E+22	2,155466E+22	1,824492E+22	1,489995E+22	1,275818E+22	1,275823E+22	1,490003E+22	1,824484E+22
2967	2,155421E+22	2,394125E+22	2,510866E+22	2,510865E+22	2,394110E+22	2,155387E+22	1,824448E+22	1,489968E+22	1,275794E+22	1,275797E+22	1,489977E+22	1,824460E+22
2968	2,155393E+22	2,394075E+22	2,510788E+22	2,510802E+22	2,394106E+22	2,155424E+22	1,824493E+22	1,489993E+22	1,275788E+22	1,275768E+22	1,489942E+22	1,824445E+22
2969	2,155429E+22	2,394183E+22	2,510936E+22	2,510926E+22	2,394177E+22	2,155420E+22	1,824432E+22	1,489926E+22	1,275744E+22	1,275759E+22	1,489962E+22	1,824466E+22
2970	2,155427E+22	2,394151E+22	2,510880E+22	2,510832E+22	2,394065E+22	2,155357E+22	1,824419E+22	1,489925E+22	1,275730E+22	1,275723E+22	1,489915E+22	1,824423E+22
2971	2,155381E+22	2,394105E+22	2,510876E+22	2,510912E+22	2,394179E+22	2,155441E+22	1,824453E+22	1,489917E+22	1,275704E+22	1,275699E+22	1,489902E+22	1,824434E+22
2972	2,155434E+22	2,394193E+22	2,510961E+22	2,510980E+22	2,394216E+22	2,155412E+22	1,824392E+22	1,489861E+22	1,275665E+22	1,275686E+22	1,489910E+22	1,824446E+22
2973	2,155428E+22	2,394140E+22	2,510839E+22	2,510803E+22	2,394100E+22	2,155408E+22	1,824437E+22	1,489905E+22	1,275685E+22	1,275673E+22	1,489880E+22	1,824412E+22
2974	2,155396E+22	2,394143E+22	2,510918E+22	2,510931E+22	2,394197E+22	2,155470E+22	1,824470E+22	1,489917E+22	1,275689E+22	1,275680E+22	1,489887E+22	1,824429E+22
2975	2,155435E+22	2,394185E+22	2,510938E+22	2,510926E+22	2,394140E+22	2,155379E+22	1,824409E+22	1,489899E+22	1,275701E+22	1,275703E+22	1,489902E+22	1,824416E+22
2976	2,155387E+22	2,394105E+22	2,510830E+22	2,510826E+22	2,394102E+22	2,155393E+22	1,824452E+22	1,489954E+22	1,275748E+22	1,275732E+22	1,489912E+22	1,824412E+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	2,155386E+22	2,394149E+22	2,510933E+22	2,510947E+22	2,394206E+22	2,155443E+22	1,824438E+22	1,489928E+22	1,275754E+22	1,275778E+22	1,489980E+22	1,824471E+22
2978	2,155409E+22	2,394118E+22	2,510858E+22	2,510833E+22	2,394075E+22	2,155369E+22	1,824434E+22	1,489957E+22	1,275788E+22	1,275798E+22	1,489985E+22	1,824467E+22
2979	2,155385E+22	2,394059E+22	2,510788E+22	2,510820E+22	2,394121E+22	2,155434E+22	1,824501E+22	1,490014E+22	1,275828E+22	1,275819E+22	1,489986E+22	1,824472E+22
2980	2,155436E+22	2,394165E+22	2,510903E+22	2,510906E+22	2,394164E+22	2,155413E+22	1,824456E+22	1,489993E+22	1,275843E+22	1,275857E+22	1,490028E+22	1,824498E+22
2981	2,155434E+22	2,394124E+22	2,510811E+22	2,510743E+22	2,394010E+22	2,155356E+22	1,824477E+22	1,490047E+22	1,275895E+22	1,275883E+22	1,490023E+22	1,824464E+22
2982	2,155374E+22	2,394082E+22	2,510851E+22	2,510869E+22	2,394131E+22	2,155432E+22	1,824520E+22	1,490073E+22	1,275912E+22	1,275900E+22	1,490037E+22	1,824479E+22
2983	2,155404E+22	2,394123E+22	2,510884E+22	2,510899E+22	2,394134E+22	2,155382E+22	1,824453E+22	1,490028E+22	1,275903E+22	1,275918E+22	1,490065E+22	1,824489E+22
2984	2,155371E+22	2,394039E+22	2,510753E+22	2,510748E+22	2,394051E+22	2,155393E+22	1,824500E+22	1,490064E+22	1,275911E+22	1,275903E+22	1,490042E+22	1,824476E+22
2985	2,155376E+22	2,394077E+22	2,510842E+22	2,510869E+22	2,394157E+22	2,155457E+22	1,824511E+22	1,490038E+22	1,275882E+22	1,275892E+22	1,490055E+22	1,824507E+22
2986	2,155420E+22	2,394105E+22	2,510826E+22	2,510800E+22	2,394044E+22	2,155356E+22	1,824464E+22	1,490027E+22	1,275873E+22	1,275869E+22	1,490022E+22	1,824475E+22
2987	2,155388E+22	2,394061E+22	2,510767E+22	2,510774E+22	2,394074E+22	2,155396E+22	1,824490E+22	1,490037E+22	1,275862E+22	1,275839E+22	1,489981E+22	1,824443E+22
2988	2,155402E+22	2,394152E+22	2,510917E+22	2,510919E+22	2,394175E+22	2,155417E+22	1,824439E+22	1,489967E+22	1,275812E+22	1,275826E+22	1,490003E+22	1,824478E+22
2989	2,155414E+22	2,394116E+22	2,510842E+22	2,510798E+22	2,394040E+22	2,155352E+22	1,824430E+22	1,489964E+22	1,275795E+22	1,275796E+22	1,489973E+22	1,824452E+22
2990	2,155375E+22	2,394067E+22	2,510833E+22	2,510876E+22	2,394151E+22	2,155438E+22	1,824485E+22	1,489979E+22	1,275776E+22	1,275763E+22	1,489942E+22	1,824447E+22
2991	2,155422E+22	2,394153E+22	2,510904E+22	2,510926E+22	2,394182E+22	2,155414E+22	1,824427E+22	1,489931E+22	1,275752E+22	1,275763E+22	1,489956E+22	1,824452E+22
2992	2,155404E+22	2,394111E+22	2,510816E+22	2,510765E+22	2,394047E+22	2,155379E+22	1,824449E+22	1,489963E+22	1,275770E+22	1,275756E+22	1,489931E+22	1,824423E+22
2993	2,155380E+22	2,394115E+22	2,510890E+22	2,510898E+22	2,394159E+22	2,155449E+22	1,824481E+22	1,489967E+22	1,275777E+22	1,275778E+22	1,489956E+22	1,824444E+22
2994	2,155405E+22	2,394136E+22	2,510893E+22	2,510883E+22	2,394097E+22	2,155354E+22	1,824424E+22	1,489963E+22	1,275800E+22	1,275806E+22	1,489980E+22	1,824451E+22
2995	2,155374E+22	2,394057E+22	2,510773E+22	2,510789E+22	2,394088E+22	2,155387E+22	1,824459E+22	1,490003E+22	1,275835E+22	1,275824E+22	1,489980E+22	1,824443E+22
2996	2,155381E+22	2,394109E+22	2,510875E+22	2,510897E+22	2,394184E+22	2,155451E+22	1,824470E+22	1,489989E+22	1,275837E+22	1,275857E+22	1,490037E+22	1,824509E+22
2997	2,155429E+22	2,394105E+22	2,510814E+22	2,510767E+22	2,394014E+22	2,155345E+22	1,824459E+22	1,490026E+22	1,275880E+22	1,275885E+22	1,490045E+22	1,824496E+22
2998	2,155393E+22	2,394053E+22	2,510773E+22	2,510785E+22	2,394067E+22	2,155399E+22	1,824521E+22	1,490090E+22	1,275928E+22	1,275906E+22	1,490032E+22	1,824471E+22
2999	2,155406E+22	2,394129E+22	2,510875E+22	2,510878E+22	2,394133E+22	2,155399E+22	1,824476E+22	1,490062E+22	1,275946E+22	1,275959E+22	1,490089E+22	1,824496E+22