

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,800046E+22	2,126369E+22	2,306246E+22	2,306221E+22	2,126297E+22	1,799948E+22	1,397643E+22	1,027194E+22	8,048367E+21	8,048577E+21	1,027237E+22	1,397670E+22
-2999	1,799931E+22	2,126217E+22	2,306116E+22	2,306180E+22	2,126334E+22	1,800023E+22	1,397725E+22	1,027263E+22	8,048788E+21	8,048694E+21	1,027231E+22	1,397666E+22
-2998	1,799962E+22	2,126302E+22	2,306177E+22	2,306180E+22	2,126314E+22	1,799998E+22	1,397707E+22	1,027267E+22	8,049065E+21	8,049157E+21	1,027303E+22	1,397761E+22
-2997	1,800019E+22	2,126293E+22	2,306131E+22	2,306110E+22	2,126252E+22	1,799974E+22	1,397711E+22	1,027280E+22	8,049256E+21	8,049270E+21	1,027272E+22	1,397679E+22
-2996	1,799917E+22	2,126189E+22	2,306067E+22	2,306087E+22	2,126242E+22	1,799988E+22	1,397762E+22	1,027353E+22	8,049916E+21	8,049739E+21	1,027306E+22	1,397717E+22
-2995	1,799996E+22	2,126298E+22	2,306141E+22	2,306112E+22	2,126217E+22	1,799924E+22	1,397699E+22	1,027325E+22	8,050015E+21	8,050171E+21	1,027371E+22	1,397762E+22
-2994	1,799965E+22	2,126207E+22	2,306046E+22	2,306060E+22	2,126227E+22	1,799965E+22	1,397732E+22	1,027341E+22	8,050104E+21	8,050099E+21	1,027332E+22	1,397696E+22
-2993	1,799901E+22	2,126187E+22	2,306076E+22	2,306084E+22	2,126230E+22	1,799969E+22	1,397749E+22	1,027365E+22	8,050293E+21	8,050274E+21	1,027371E+22	1,397789E+22
-2992	1,800035E+22	2,126286E+22	2,306113E+22	2,306088E+22	2,126209E+22	1,799927E+22	1,397697E+22	1,027317E+22	8,050014E+21	8,050242E+21	1,027370E+22	1,397746E+22
-2991	1,799944E+22	2,126175E+22	2,306013E+22	2,306049E+22	2,126240E+22	1,799996E+22	1,397768E+22	1,027361E+22	8,050068E+21	8,049889E+21	1,027308E+22	1,397688E+22
-2990	1,799933E+22	2,126254E+22	2,306125E+22	2,306112E+22	2,126252E+22	1,799977E+22	1,397742E+22	1,027345E+22	8,050003E+21	8,049938E+21	1,027341E+22	1,397766E+22
-2989	1,800012E+22	2,126281E+22	2,306131E+22	2,306113E+22	2,126236E+22	1,799949E+22	1,397702E+22	1,027299E+22	8,049625E+21	8,049668E+21	1,027299E+22	1,397680E+22
-2988	1,799899E+22	2,126164E+22	2,306051E+22	2,306102E+22	2,126271E+22	1,799998E+22	1,397747E+22	1,027325E+22	8,049601E+21	8,049457E+21	1,027286E+22	1,397696E+22
-2987	1,799968E+22	2,126289E+22	2,306154E+22	2,306148E+22	2,126270E+22	1,799960E+22	1,397692E+22	1,027271E+22	8,049200E+21	8,049332E+21	1,027318E+22	1,397763E+22
-2986	1,799998E+22	2,126255E+22	2,306101E+22	2,306111E+22	2,126269E+22	1,799983E+22	1,397702E+22	1,027254E+22	8,048866E+21	8,048850E+21	1,027240E+22	1,397668E+22
-2985	1,799931E+22	2,126240E+22	2,306134E+22	2,306137E+22	2,126273E+22	1,799988E+22	1,397720E+22	1,027273E+22	8,048911E+21	8,048780E+21	1,027246E+22	1,397719E+22
-2984	1,800050E+22	2,126372E+22	2,306220E+22	2,306178E+22	2,126260E+22	1,799932E+22	1,397652E+22	1,027220E+22	8,048682E+21	8,048872E+21	1,027266E+22	1,397699E+22
-2983	1,799963E+22	2,126260E+22	2,306121E+22	2,306139E+22	2,126289E+22	1,799989E+22	1,397704E+22	1,027254E+22	8,048785E+21	8,048696E+21	1,027222E+22	1,397642E+22
-2982	1,799914E+22	2,126269E+22	2,306183E+22	2,306189E+22	2,126312E+22	1,799991E+22	1,397703E+22	1,027267E+22	8,049023E+21	8,049006E+21	1,027274E+22	1,397742E+22
-2981	1,800026E+22	2,126313E+22	2,306177E+22	2,306168E+22	2,126279E+22	1,799960E+22	1,397675E+22	1,027244E+22	8,048995E+21	8,049161E+21	1,027279E+22	1,397696E+22
-2980	1,799933E+22	2,126183E+22	2,306042E+22	2,306090E+22	2,126271E+22	1,800003E+22	1,397747E+22	1,027316E+22	8,049474E+21	8,049352E+21	1,027278E+22	1,397687E+22
-2979	1,799955E+22	2,126276E+22	2,306133E+22	2,306112E+22	2,126242E+22	1,799963E+22	1,397728E+22	1,027327E+22	8,049792E+21	8,049812E+21	1,027342E+22	1,397770E+22
-2978	1,799999E+22	2,126254E+22	2,306086E+22	2,306065E+22	2,126209E+22	1,799949E+22	1,397723E+22	1,027333E+22	8,050031E+21	8,050061E+21	1,027326E+22	1,397689E+22
-2977	1,799891E+22	2,126160E+22	2,306040E+22	2,306052E+22	2,126208E+22	1,799961E+22	1,397759E+22	1,027385E+22	8,050510E+21	8,050411E+21	1,027360E+22	1,397742E+22
-2976	1,799984E+22	2,126265E+22	2,306105E+22	2,306081E+22	2,126199E+22	1,799917E+22	1,397704E+22	1,027350E+22	8,050534E+21	8,050801E+21	1,027421E+22	1,397785E+22
-2975	1,799953E+22	2,126164E+22	2,305987E+22	2,306006E+22	2,126196E+22	1,799961E+22	1,397754E+22	1,027383E+22	8,050650E+21	8,050660E+21	1,027376E+22	1,397721E+22
-2974	1,799898E+22	2,126151E+22	2,306018E+22	2,306041E+22	2,126219E+22	1,799975E+22	1,397774E+22	1,027408E+22	8,050821E+21	8,050727E+21	1,027395E+22	1,397793E+22
-2973	1,800026E+22	2,126264E+22	2,306076E+22	2,306047E+22	2,126186E+22	1,799932E+22	1,397729E+22	1,027369E+22	8,050611E+21	8,050725E+21	1,027394E+22	1,397748E+22
-2972	1,799928E+22	2,126148E+22	2,305975E+22	2,305995E+22	2,126188E+22	1,799969E+22	1,397778E+22	1,027404E+22	8,050672E+21	8,050494E+21	1,027350E+22	1,397696E+22
-2971	1,799902E+22	2,126204E+22	2,306087E+22	2,306076E+22	2,126211E+22	1,799951E+22	1,397750E+22	1,027383E+22	8,050528E+21	8,050485E+21	1,027382E+22	1,397781E+22
-2970	1,799990E+22	2,126226E+22	2,306072E+22	2,306070E+22	2,126215E+22	1,799945E+22	1,397712E+22	1,027329E+22	8,050104E+21	8,050226E+21	1,027347E+22	1,397705E+22
-2969	1,799898E+22	2,126143E+22	2,306009E+22	2,306046E+22	2,126230E+22	1,799980E+22	1,397749E+22	1,027343E+22	8,049912E+21	8,049814E+21	1,027317E+22	1,397721E+22
-2968	1,799985E+22	2,126285E+22	2,306126E+22	2,306103E+22	2,126233E+22	1,799945E+22	1,397697E+22	1,027294E+22	8,049569E+21	8,049712E+21	1,027339E+22	1,397766E+22
-2967	1,799996E+22	2,126247E+22	2,306077E+22	2,306064E+22	2,126221E+22	1,799959E+22	1,397713E+22	1,027293E+22	8,049379E+21	8,049317E+21	1,027267E+22	1,397669E+22
-2966	1,799909E+22	2,126209E+22	2,306110E+22	2,306127E+22	2,126265E+22	1,799976E+22	1,397727E+22	1,027309E+22	8,049444E+21	8,049285E+21	1,027273E+22	1,397714E+22
-2965	1,800019E+22	2,126330E+22	2,306188E+22	2,306165E+22	2,126262E+22	1,799940E+22	1,397672E+22	1,027261E+22	8,049255E+21	8,049435E+21	1,027306E+22	1,397713E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-2964	1,799942E+22	2,126210E+22	2,306063E+22	2,306083E+22	2,126255E+22	1,799981E+22	1,397720E+22	1,027294E+22	8,049375E+21	8,049344E+21	1,027277E+22	1,397670E+22
-2963	1,799898E+22	2,126214E+22	2,306122E+22	2,306130E+22	2,126267E+22	1,799982E+22	1,397733E+22	1,027318E+22	8,049631E+21	8,049598E+21	1,027317E+22	1,397762E+22
-2962	1,800019E+22	2,126269E+22	2,306107E+22	2,306100E+22	2,126239E+22	1,799955E+22	1,397704E+22	1,027301E+22	8,049715E+21	8,049860E+21	1,027326E+22	1,397708E+22
-2961	1,799924E+22	2,126170E+22	2,306009E+22	2,306023E+22	2,126208E+22	1,799973E+22	1,397758E+22	1,027362E+22	8,050148E+21	8,050018E+21	1,027323E+22	1,397702E+22
-2960	1,799946E+22	2,126251E+22	2,306104E+22	2,306072E+22	2,126197E+22	1,799932E+22	1,397729E+22	1,027366E+22	8,050495E+21	8,050575E+21	1,027394E+22	1,397779E+22
-2959	1,799973E+22	2,126202E+22	2,306030E+22	2,306015E+22	2,126169E+22	1,799924E+22	1,397729E+22	1,027377E+22	8,050728E+21	8,050822E+21	1,027389E+22	1,397718E+22
-2958	1,799874E+22	2,126103E+22	2,305978E+22	2,306018E+22	2,126199E+22	1,799960E+22	1,397770E+22	1,027420E+22	8,051070E+21	8,051011E+21	1,027407E+22	1,397768E+22
-2957	1,799981E+22	2,126226E+22	2,306049E+22	2,306034E+22	2,126180E+22	1,799928E+22	1,397735E+22	1,027396E+22	8,051074E+21	8,051295E+21	1,027458E+22	1,397807E+22
-2956	1,799958E+22	2,126144E+22	2,305937E+22	2,305936E+22	2,126143E+22	1,799946E+22	1,397776E+22	1,027430E+22	8,051230E+21	8,051195E+21	1,027412E+22	1,397733E+22
-2955	1,799889E+22	2,126131E+22	2,305993E+22	2,305996E+22	2,126166E+22	1,799955E+22	1,397797E+22	1,027459E+22	8,051415E+21	8,051244E+21	1,027420E+22	1,397786E+22
-2954	1,799999E+22	2,126223E+22	2,306037E+22	2,306017E+22	2,126163E+22	1,799922E+22	1,397744E+22	1,027413E+22	8,051229E+21	8,051343E+21	1,027434E+22	1,397746E+22
-2953	1,799899E+22	2,126119E+22	2,305947E+22	2,305962E+22	2,126160E+22	1,799952E+22	1,397778E+22	1,027428E+22	8,051111E+21	8,050998E+21	1,027393E+22	1,397717E+22
-2952	1,799892E+22	2,126167E+22	2,306046E+22	2,306040E+22	2,126187E+22	1,799942E+22	1,397752E+22	1,027402E+22	8,050915E+21	8,050954E+21	1,027420E+22	1,397797E+22
-2951	1,799981E+22	2,126182E+22	2,306012E+22	2,306013E+22	2,126177E+22	1,799933E+22	1,397727E+22	1,027363E+22	8,050528E+21	8,050656E+21	1,027384E+22	1,397727E+22
-2950	1,799902E+22	2,126117E+22	2,305966E+22	2,306010E+22	2,126209E+22	1,799972E+22	1,397760E+22	1,027375E+22	8,050330E+21	8,050183E+21	1,027337E+22	1,397724E+22
-2949	1,799982E+22	2,126276E+22	2,306107E+22	2,306070E+22	2,126204E+22	1,799938E+22	1,397716E+22	1,027335E+22	8,050078E+21	8,050151E+21	1,027364E+22	1,397767E+22
-2948	1,799979E+22	2,126223E+22	2,306052E+22	2,306026E+22	2,126177E+22	1,799929E+22	1,397715E+22	1,027329E+22	8,049948E+21	8,049917E+21	1,027312E+22	1,397680E+22
-2947	1,799883E+22	2,126162E+22	2,306073E+22	2,306096E+22	2,126235E+22	1,799961E+22	1,397738E+22	1,027346E+22	8,049988E+21	8,049861E+21	1,027315E+22	1,397726E+22
-2946	1,799995E+22	2,126270E+22	2,306123E+22	2,306122E+22	2,126247E+22	1,799946E+22	1,397693E+22	1,027302E+22	8,049829E+21	8,050058E+21	1,027355E+22	1,397733E+22
-2945	1,799936E+22	2,126182E+22	2,306012E+22	2,306021E+22	2,126210E+22	1,799970E+22	1,397737E+22	1,027331E+22	8,049879E+21	8,049868E+21	1,027319E+22	1,397696E+22
-2944	1,799906E+22	2,126191E+22	2,306075E+22	2,306071E+22	2,126219E+22	1,799966E+22	1,397749E+22	1,027362E+22	8,050248E+21	8,050200E+21	1,027354E+22	1,397766E+22
-2943	1,800003E+22	2,126236E+22	2,306061E+22	2,306039E+22	2,126182E+22	1,799929E+22	1,397723E+22	1,027357E+22	8,050451E+21	8,050575E+21	1,027376E+22	1,397721E+22
-2942	1,799903E+22	2,126125E+22	2,305965E+22	2,305995E+22	2,126184E+22	1,799953E+22	1,397764E+22	1,027406E+22	8,050834E+21	8,050717E+21	1,027369E+22	1,397713E+22
-2941	1,799927E+22	2,126210E+22	2,306059E+22	2,306037E+22	2,126179E+22	1,799931E+22	1,397747E+22	1,027412E+22	8,051148E+21	8,051247E+21	1,027449E+22	1,397807E+22
-2940	1,799963E+22	2,126159E+22	2,305972E+22	2,305955E+22	2,126125E+22	1,799909E+22	1,397744E+22	1,027420E+22	8,051352E+21	8,051494E+21	1,027447E+22	1,397753E+22
-2939	1,799871E+22	2,126061E+22	2,305922E+22	2,305961E+22	2,126155E+22	1,799952E+22	1,397800E+22	1,027471E+22	8,051655E+21	8,051553E+21	1,027443E+22	1,397782E+22
-2938	1,799978E+22	2,126197E+22	2,305998E+22	2,305981E+22	2,126149E+22	1,799929E+22	1,397767E+22	1,027452E+22	8,051742E+21	8,051898E+21	1,027493E+22	1,397807E+22
-2937	1,799944E+22	2,126136E+22	2,305917E+22	2,305887E+22	2,126089E+22	1,799921E+22	1,397788E+22	1,027473E+22	8,051814E+21	8,051753E+21	1,027446E+22	1,397735E+22
-2936	1,799866E+22	2,126094E+22	2,305964E+22	2,305970E+22	2,126135E+22	1,799931E+22	1,397798E+22	1,027494E+22	8,052012E+21	8,051874E+21	1,027460E+22	1,397783E+22
-2935	1,799961E+22	2,126164E+22	2,305980E+22	2,305974E+22	2,126134E+22	1,799906E+22	1,397750E+22	1,027448E+22	8,051777E+21	8,051952E+21	1,027486E+22	1,397771E+22
-2934	1,799881E+22	2,126059E+22	2,305881E+22	2,305925E+22	2,126145E+22	1,799946E+22	1,397784E+22	1,027453E+22	8,051515E+21	8,051435E+21	1,027428E+22	1,397740E+22
-2933	1,799897E+22	2,126140E+22	2,305993E+22	2,305991E+22	2,126160E+22	1,799942E+22	1,397774E+22	1,027437E+22	8,051307E+21	8,051306E+21	1,027449E+22	1,397819E+22
-2932	1,799990E+22	2,126173E+22	2,305973E+22	2,305951E+22	2,126118E+22	1,799905E+22	1,397736E+22	1,027398E+22	8,050986E+21	8,051080E+21	1,027414E+22	1,397739E+22
-2931	1,799898E+22	2,126105E+22	2,305952E+22	2,305979E+22	2,126164E+22	1,799949E+22	1,397773E+22	1,027411E+22	8,050800E+21	8,050615E+21	1,027360E+22	1,397719E+22
-2930	1,799960E+22	2,126245E+22	2,306082E+22	2,306057E+22	2,126193E+22	1,799932E+22	1,397728E+22	1,027371E+22	8,050613E+21	8,050713E+21	1,027402E+22	1,397766E+22
-2929	1,799955E+22	2,126200E+22	2,306028E+22	2,306001E+22	2,126157E+22	1,799920E+22	1,397719E+22	1,027353E+22	8,050373E+21	8,050416E+21	1,027356E+22	1,397701E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799873E+22	2,126121E+22	2,306027E+22	2,306063E+22	2,126217E+22	1,799960E+22	1,397750E+22	1,027377E+22	8,050485E+21	8,050399E+21	1,027355E+22	1,397738E+22
-2927	1,799979E+22	2,126220E+22	2,306053E+22	2,306060E+22	2,126211E+22	1,799942E+22	1,397721E+22	1,027352E+22	8,050430E+21	8,050626E+21	1,027399E+22	1,397755E+22
-2926	1,799932E+22	2,126143E+22	2,305954E+22	2,305971E+22	2,126177E+22	1,799959E+22	1,397760E+22	1,027383E+22	8,050523E+21	8,050444E+21	1,027354E+22	1,397704E+22
-2925	1,799897E+22	2,126168E+22	2,306036E+22	2,306020E+22	2,126172E+22	1,799950E+22	1,397774E+22	1,027420E+22	8,050967E+21	8,050867E+21	1,027401E+22	1,397778E+22
-2924	1,799980E+22	2,126196E+22	2,306014E+22	2,305983E+22	2,126122E+22	1,799890E+22	1,397727E+22	1,027405E+22	8,051202E+21	8,051373E+21	1,027441E+22	1,397749E+22
-2923	1,799885E+22	2,126076E+22	2,305914E+22	2,305947E+22	2,126142E+22	1,799934E+22	1,397776E+22	1,027447E+22	8,051481E+21	8,051421E+21	1,027426E+22	1,397739E+22
-2922	1,799916E+22	2,126160E+22	2,305992E+22	2,305985E+22	2,126152E+22	1,799929E+22	1,397768E+22	1,027456E+22	8,051777E+21	8,051913E+21	1,027500E+22	1,397828E+22
-2921	1,799965E+22	2,126145E+22	2,305930E+22	2,305898E+22	2,126079E+22	1,799893E+22	1,397759E+22	1,027459E+22	8,051888E+21	8,052019E+21	1,027485E+22	1,397773E+22
-2920	1,799877E+22	2,126048E+22	2,305889E+22	2,305917E+22	2,126114E+22	1,799934E+22	1,397813E+22	1,027516E+22	8,052288E+21	8,052121E+21	1,027471E+22	1,397772E+22
-2919	1,799945E+22	2,126157E+22	2,305957E+22	2,305938E+22	2,126109E+22	1,799911E+22	1,397787E+22	1,027506E+22	8,052430E+21	8,052538E+21	1,027534E+22	1,397810E+22
-2918	1,799910E+22	2,126078E+22	2,305872E+22	2,305873E+22	2,126080E+22	1,799911E+22	1,397798E+22	1,027512E+22	8,052405E+21	8,052349E+21	1,027487E+22	1,397742E+22
-2917	1,799840E+22	2,126045E+22	2,305908E+22	2,305932E+22	2,126119E+22	1,799934E+22	1,397818E+22	1,027531E+22	8,052514E+21	8,052410E+21	1,027510E+22	1,397810E+22
-2916	1,799945E+22	2,126116E+22	2,305913E+22	2,305910E+22	2,126088E+22	1,799889E+22	1,397761E+22	1,027480E+22	8,052247E+21	8,052469E+21	1,027536E+22	1,397808E+22
-2915	1,799890E+22	2,126031E+22	2,305827E+22	2,305864E+22	2,126098E+22	1,799932E+22	1,397802E+22	1,027487E+22	8,051933E+21	8,051826E+21	1,027456E+22	1,397754E+22
-2914	1,799905E+22	2,126131E+22	2,305956E+22	2,305943E+22	2,126123E+22	1,799930E+22	1,397790E+22	1,027475E+22	8,051807E+21	8,051761E+21	1,027475E+22	1,397818E+22
-2913	1,799987E+22	2,126183E+22	2,305971E+22	2,305922E+22	2,126073E+22	1,799873E+22	1,397735E+22	1,027426E+22	8,051426E+21	8,051519E+21	1,027443E+22	1,397745E+22
-2912	1,799884E+22	2,126083E+22	2,305937E+22	2,305971E+22	2,126146E+22	1,799927E+22	1,397767E+22	1,027437E+22	8,051295E+21	8,051132E+21	1,027393E+22	1,397716E+22
-2911	1,799923E+22	2,126191E+22	2,306031E+22	2,306026E+22	2,126180E+22	1,799931E+22	1,397742E+22	1,027405E+22	8,051115E+21	8,051249E+21	1,027447E+22	1,397787E+22
-2910	1,799936E+22	2,126143E+22	2,305967E+22	2,305970E+22	2,126149E+22	1,799925E+22	1,397739E+22	1,027388E+22	8,050833E+21	8,050872E+21	1,027389E+22	1,397718E+22
-2909	1,799872E+22	2,126090E+22	2,305966E+22	2,306006E+22	2,126186E+22	1,799965E+22	1,397785E+22	1,027428E+22	8,051031E+21	8,050884E+21	1,027392E+22	1,397754E+22
-2908	1,799971E+22	2,126195E+22	2,306000E+22	2,305988E+22	2,126144E+22	1,799913E+22	1,397739E+22	1,027406E+22	8,051120E+21	8,051263E+21	1,027444E+22	1,397771E+22
-2907	1,799919E+22	2,126113E+22	2,305914E+22	2,305919E+22	2,126119E+22	1,799929E+22	1,397774E+22	1,027433E+22	8,051229E+21	8,051123E+21	1,027397E+22	1,397710E+22
-2906	1,799875E+22	2,126130E+22	2,305991E+22	2,305985E+22	2,126143E+22	1,799932E+22	1,397784E+22	1,027467E+22	8,051695E+21	8,051637E+21	1,027458E+22	1,397793E+22
-2905	1,799965E+22	2,126171E+22	2,305975E+22	2,305937E+22	2,126082E+22	1,799868E+22	1,397729E+22	1,027437E+22	8,051771E+21	8,052023E+21	1,027498E+22	1,397782E+22
-2904	1,799881E+22	2,126038E+22	2,305865E+22	2,305907E+22	2,126114E+22	1,799922E+22	1,397785E+22	1,027485E+22	8,052079E+21	8,052033E+21	1,027469E+22	1,397754E+22
-2903	1,799901E+22	2,126118E+22	2,305929E+22	2,305929E+22	2,126120E+22	1,799926E+22	1,397796E+22	1,027510E+22	8,052432E+21	8,052522E+21	1,027542E+22	1,397845E+22
-2902	1,799954E+22	2,126107E+22	2,305881E+22	2,305859E+22	2,126052E+22	1,799887E+22	1,397784E+22	1,027512E+22	8,052554E+21	8,052604E+21	1,027517E+22	1,397772E+22
-2901	1,799857E+22	2,126017E+22	2,305849E+22	2,305877E+22	2,126082E+22	1,799927E+22	1,397841E+22	1,027573E+22	8,052982E+21	8,052775E+21	1,027518E+22	1,397778E+22
-2900	1,799906E+22	2,126101E+22	2,305898E+22	2,305886E+22	2,126062E+22	1,799882E+22	1,397794E+22	1,027551E+22	8,053115E+21	8,053254E+21	1,027592E+22	1,397836E+22
-2899	1,799888E+22	2,126020E+22	2,305805E+22	2,305814E+22	2,126041E+22	1,799898E+22	1,397810E+22	1,027547E+22	8,052939E+21	8,052932E+21	1,027536E+22	1,397770E+22
-2898	1,799836E+22	2,126004E+22	2,305841E+22	2,305872E+22	2,126085E+22	1,799928E+22	1,397834E+22	1,027566E+22	8,052995E+21	8,052919E+21	1,027550E+22	1,397833E+22
-2897	1,799959E+22	2,126118E+22	2,305877E+22	2,305850E+22	2,126035E+22	1,799863E+22	1,397765E+22	1,027506E+22	8,052614E+21	8,052829E+21	1,027563E+22	1,397829E+22
-2896	1,799904E+22	2,126038E+22	2,305817E+22	2,305834E+22	2,126060E+22	1,799905E+22	1,397799E+22	1,027515E+22	8,052386E+21	8,052221E+21	1,027472E+22	1,397745E+22
-2895	1,799882E+22	2,126112E+22	2,305939E+22	2,305925E+22	2,126101E+22	1,799914E+22	1,397797E+22	1,027510E+22	8,052303E+21	8,052229E+21	1,027503E+22	1,397818E+22
-2894	1,799957E+22	2,126141E+22	2,305947E+22	2,305930E+22	2,126081E+22	1,799871E+22	1,397742E+22	1,027454E+22	8,051870E+21	8,051961E+21	1,027471E+22	1,397748E+22
-2893	1,799861E+22	2,126045E+22	2,305895E+22	2,305948E+22	2,126145E+22	1,799942E+22	1,397793E+22	1,027474E+22	8,051739E+21	8,051598E+21	1,027435E+22	1,397734E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799894E+22	2,126135E+22	2,305965E+22	2,305970E+22	2,126144E+22	1,799924E+22	1,397764E+22	1,027449E+22	8,051655E+21	8,051779E+21	1,027491E+22	1,397814E+22
-2891	1,799933E+22	2,126107E+22	2,305902E+22	2,305900E+22	2,126104E+22	1,799920E+22	1,397768E+22	1,027436E+22	8,051418E+21	8,051407E+21	1,027424E+22	1,397731E+22
-2890	1,799868E+22	2,126069E+22	2,305912E+22	2,305937E+22	2,126134E+22	1,799947E+22	1,397806E+22	1,027482E+22	8,051732E+21	8,051546E+21	1,027432E+22	1,397759E+22
-2889	1,799957E+22	2,126184E+22	2,305972E+22	2,305936E+22	2,126082E+22	1,799870E+22	1,397737E+22	1,027445E+22	8,051765E+21	8,051943E+21	1,027495E+22	1,397794E+22
-2888	1,799907E+22	2,126082E+22	2,305880E+22	2,305889E+22	2,126084E+22	1,799892E+22	1,397760E+22	1,027465E+22	8,051894E+21	8,051838E+21	1,027449E+22	1,397725E+22
-2887	1,799847E+22	2,126074E+22	2,305928E+22	2,305938E+22	2,126117E+22	1,799920E+22	1,397793E+22	1,027504E+22	8,052306E+21	8,052307E+21	1,027515E+22	1,397826E+22
-2886	1,799955E+22	2,126120E+22	2,305916E+22	2,305904E+22	2,126066E+22	1,799867E+22	1,397748E+22	1,027478E+22	8,052321E+21	8,052563E+21	1,027536E+22	1,397803E+22
-2885	1,799884E+22	2,126017E+22	2,305813E+22	2,305854E+22	2,126083E+22	1,799926E+22	1,397822E+22	1,027542E+22	8,052693E+21	8,052588E+21	1,027509E+22	1,397764E+22
-2884	1,799878E+22	2,126083E+22	2,305880E+22	2,305866E+22	2,126065E+22	1,799906E+22	1,397821E+22	1,027569E+22	8,053183E+21	8,053200E+21	1,027585E+22	1,397854E+22
-2883	1,799930E+22	2,126067E+22	2,305834E+22	2,305808E+22	2,126011E+22	1,799873E+22	1,397806E+22	1,027565E+22	8,053280E+21	8,053309E+21	1,027561E+22	1,397776E+22
-2882	1,799827E+22	2,125969E+22	2,305789E+22	2,305829E+22	2,126056E+22	1,799919E+22	1,397857E+22	1,027620E+22	8,053675E+21	8,053504E+21	1,027571E+22	1,397795E+22
-2881	1,799889E+22	2,126068E+22	2,305846E+22	2,305829E+22	2,126019E+22	1,799860E+22	1,397797E+22	1,027581E+22	8,053617E+21	8,053822E+21	1,027644E+22	1,397875E+22
-2880	1,799894E+22	2,125990E+22	2,305756E+22	2,305767E+22	2,126003E+22	1,799875E+22	1,397811E+22	1,027578E+22	8,053428E+21	8,053410E+21	1,027569E+22	1,397787E+22
-2879	1,799834E+22	2,125981E+22	2,305795E+22	2,305819E+22	2,126048E+22	1,799915E+22	1,397849E+22	1,027604E+22	8,053483E+21	8,053364E+21	1,027581E+22	1,397847E+22
-2878	1,799955E+22	2,126103E+22	2,305861E+22	2,305830E+22	2,126009E+22	1,799850E+22	1,397777E+22	1,027541E+22	8,053083E+21	8,053233E+21	1,027581E+22	1,397822E+22
-2877	1,799887E+22	2,126027E+22	2,305807E+22	2,305822E+22	2,126045E+22	1,799899E+22	1,397816E+22	1,027554E+22	8,052872E+21	8,052708E+21	1,027507E+22	1,397745E+22
-2876	1,799842E+22	2,126063E+22	2,305899E+22	2,305896E+22	2,126080E+22	1,799900E+22	1,397803E+22	1,027544E+22	8,052835E+21	8,052790E+21	1,027547E+22	1,397836E+22
-2875	1,799934E+22	2,126086E+22	2,305883E+22	2,305880E+22	2,126064E+22	1,799878E+22	1,397760E+22	1,027485E+22	8,052331E+21	8,052452E+21	1,027508E+22	1,397766E+22
-2874	1,799851E+22	2,126004E+22	2,305826E+22	2,305886E+22	2,126117E+22	1,799944E+22	1,397818E+22	1,027516E+22	8,052263E+21	8,052115E+21	1,027472E+22	1,397752E+22
-2873	1,799897E+22	2,126123E+22	2,305916E+22	2,305899E+22	2,126084E+22	1,799896E+22	1,397773E+22	1,027486E+22	8,052153E+21	8,052255E+21	1,027525E+22	1,397833E+22
-2872	1,799935E+22	2,126094E+22	2,305873E+22	2,305853E+22	2,126050E+22	1,799882E+22	1,397766E+22	1,027476E+22	8,052038E+21	8,051981E+21	1,027456E+22	1,397731E+22
-2871	1,799842E+22	2,126036E+22	2,305879E+22	2,305902E+22	2,126098E+22	1,799921E+22	1,397810E+22	1,027521E+22	8,052367E+21	8,052211E+21	1,027481E+22	1,397776E+22
-2870	1,799933E+22	2,126139E+22	2,305936E+22	2,305919E+22	2,126069E+22	1,799857E+22	1,397741E+22	1,027477E+22	8,052319E+21	8,052545E+21	1,027540E+22	1,397812E+22
-2869	1,799895E+22	2,126049E+22	2,305836E+22	2,305854E+22	2,126071E+22	1,799898E+22	1,397783E+22	1,027505E+22	8,052428E+21	8,052435E+21	1,027502E+22	1,397752E+22
-2868	1,799830E+22	2,126025E+22	2,305862E+22	2,305878E+22	2,126080E+22	1,799912E+22	1,397816E+22	1,027554E+22	8,052948E+21	8,052923E+21	1,027560E+22	1,397853E+22
-2867	1,799954E+22	2,126086E+22	2,305851E+22	2,305833E+22	2,126028E+22	1,799870E+22	1,397783E+22	1,027535E+22	8,053018E+21	8,053185E+21	1,027571E+22	1,397808E+22
-2866	1,799870E+22	2,125992E+22	2,305766E+22	2,305792E+22	2,126037E+22	1,799916E+22	1,397854E+22	1,027607E+22	8,053510E+21	8,053340E+21	1,027552E+22	1,397766E+22
-2865	1,799851E+22	2,126050E+22	2,305841E+22	2,305815E+22	2,126009E+22	1,799871E+22	1,397828E+22	1,027618E+22	8,053910E+21	8,053947E+21	1,027639E+22	1,397873E+22
-2864	1,799908E+22	2,126019E+22	2,305784E+22	2,305766E+22	2,125975E+22	1,799843E+22	1,397801E+22	1,027604E+22	8,053969E+21	8,054034E+21	1,027614E+22	1,397795E+22
-2863	1,799803E+22	2,125912E+22	2,305719E+22	2,305768E+22	2,126021E+22	1,799907E+22	1,397867E+22	1,027655E+22	8,054235E+21	8,054125E+21	1,027625E+22	1,397830E+22
-2862	1,799887E+22	2,126026E+22	2,305794E+22	2,305786E+22	2,125990E+22	1,799851E+22	1,397811E+22	1,027614E+22	8,054063E+21	8,054254E+21	1,027674E+22	1,397894E+22
-2861	1,799907E+22	2,125988E+22	2,305728E+22	2,305724E+22	2,125971E+22	1,799868E+22	1,397832E+22	1,027617E+22	8,053879E+21	8,053833E+21	1,027599E+22	1,397793E+22
-2860	1,799817E+22	2,125959E+22	2,305770E+22	2,305782E+22	2,126006E+22	1,799891E+22	1,397858E+22	1,027644E+22	8,054029E+21	8,053860E+21	1,027609E+22	1,397850E+22
-2859	1,799937E+22	2,126073E+22	2,305833E+22	2,305805E+22	2,125995E+22	1,799848E+22	1,397791E+22	1,027576E+22	8,053597E+21	8,053746E+21	1,027612E+22	1,397820E+22
-2858	1,799859E+22	2,125988E+22	2,305767E+22	2,305792E+22	2,126036E+22	1,799904E+22	1,397833E+22	1,027588E+22	8,053380E+21	8,053251E+21	1,027546E+22	1,397755E+22
-2857	1,799820E+22	2,126021E+22	2,305849E+22	2,305849E+22	2,126050E+22	1,799891E+22	1,397812E+22	1,027570E+22	8,053237E+21	8,053248E+21	1,027586E+22	1,397863E+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°
-2856	1,799934E+22	2,126052E+22	2,305833E+22	2,305831E+22	2,126030E+22	1,799861E+22	1,397766E+22	1,027518E+22	8,052812E+21	8,052903E+21	1,027538E+22	1,397777E+22
-2855	1,799845E+22	2,125975E+22	2,305769E+22	2,305818E+22	2,126071E+22	1,799931E+22	1,397835E+22	1,027558E+22	8,052806E+21	8,052626E+21	1,027507E+22	1,397767E+22
-2854	1,799889E+22	2,126097E+22	2,305890E+22	2,305864E+22	2,126043E+22	1,799873E+22	1,397783E+22	1,027526E+22	8,052712E+21	8,052779E+21	1,027555E+22	1,397839E+22
-2853	1,799923E+22	2,126074E+22	2,305852E+22	2,305826E+22	2,126019E+22	1,799861E+22	1,397775E+22	1,027515E+22	8,052607E+21	8,052614E+21	1,027507E+22	1,397745E+22
-2852	1,799810E+22	2,125982E+22	2,305829E+22	2,305860E+22	2,126064E+22	1,799899E+22	1,397812E+22	1,027557E+22	8,052975E+21	8,052880E+21	1,027537E+22	1,397806E+22
-2851	1,799924E+22	2,126090E+22	2,305872E+22	2,305860E+22	2,126045E+22	1,799864E+22	1,397762E+22	1,027515E+22	8,052883E+21	8,053145E+21	1,027585E+22	1,397833E+22
-2850	1,799892E+22	2,126017E+22	2,305777E+22	2,305791E+22	2,126038E+22	1,799901E+22	1,397816E+22	1,027559E+22	8,053085E+21	8,053058E+21	1,027542E+22	1,397766E+22
-2849	1,799829E+22	2,126007E+22	2,305817E+22	2,305812E+22	2,126024E+22	1,799892E+22	1,397836E+22	1,027607E+22	8,053625E+21	8,053548E+21	1,027598E+22	1,397863E+22
-2848	1,799943E+22	2,126061E+22	2,305819E+22	2,305790E+22	2,125981E+22	1,799838E+22	1,397793E+22	1,027591E+22	8,053809E+21	8,053899E+21	1,027611E+22	1,397805E+22
-2847	1,799833E+22	2,125941E+22	2,305717E+22	2,305748E+22	2,126004E+22	1,799900E+22	1,397869E+22	1,027660E+22	8,054274E+21	8,054127E+21	1,027611E+22	1,397785E+22
-2846	1,799819E+22	2,125986E+22	2,305791E+22	2,305783E+22	2,125987E+22	1,799862E+22	1,397840E+22	1,027658E+22	8,054530E+21	8,054611E+21	1,027690E+22	1,397895E+22
-2845	1,799895E+22	2,125976E+22	2,305731E+22	2,305720E+22	2,125949E+22	1,799842E+22	1,397824E+22	1,027644E+22	8,054497E+21	8,054645E+21	1,027671E+22	1,397826E+22
-2844	1,799794E+22	2,125867E+22	2,305655E+22	2,305704E+22	2,125976E+22	1,799891E+22	1,397883E+22	1,027697E+22	8,054796E+21	8,054679E+21	1,027668E+22	1,397859E+22
-2843	1,799898E+22	2,126007E+22	2,305741E+22	2,305717E+22	2,125949E+22	1,799849E+22	1,397832E+22	1,027656E+22	8,054609E+21	8,054751E+21	1,027700E+22	1,397895E+22
-2842	1,799899E+22	2,125978E+22	2,305706E+22	2,305685E+22	2,125935E+22	1,799856E+22	1,397850E+22	1,027663E+22	8,054483E+21	8,054397E+21	1,027630E+22	1,397792E+22
-2841	1,799799E+22	2,125935E+22	2,305747E+22	2,305753E+22	2,125970E+22	1,799861E+22	1,397856E+22	1,027673E+22	8,054525E+21	8,054390E+21	1,027647E+22	1,397861E+22
-2840	1,799916E+22	2,126030E+22	2,305793E+22	2,305779E+22	2,125977E+22	1,799829E+22	1,397787E+22	1,027602E+22	8,054066E+21	8,054233E+21	1,027647E+22	1,397829E+22
-2839	1,799835E+22	2,125936E+22	2,305707E+22	2,305742E+22	2,126014E+22	1,799905E+22	1,397849E+22	1,027618E+22	8,053793E+21	8,053707E+21	1,027586E+22	1,397780E+22
-2838	1,799814E+22	2,125978E+22	2,305800E+22	2,305804E+22	2,126018E+22	1,799887E+22	1,397831E+22	1,027602E+22	8,053622E+21	8,053601E+21	1,027608E+22	1,397872E+22
-2837	1,799938E+22	2,126044E+22	2,305804E+22	2,305784E+22	2,125991E+22	1,799851E+22	1,397788E+22	1,027557E+22	8,053268E+21	8,053360E+21	1,027571E+22	1,397782E+22
-2836	1,799827E+22	2,125947E+22	2,305739E+22	2,305773E+22	2,126020E+22	1,799899E+22	1,397840E+22	1,027597E+22	8,053396E+21	8,053203E+21	1,027544E+22	1,397777E+22
-2835	1,799877E+22	2,126064E+22	2,305850E+22	2,305823E+22	2,126018E+22	1,799864E+22	1,397792E+22	1,027561E+22	8,053291E+21	8,053389E+21	1,027596E+22	1,397846E+22
-2834	1,799905E+22	2,126039E+22	2,305813E+22	2,305791E+22	2,126001E+22	1,799859E+22	1,397790E+22	1,027555E+22	8,053203E+21	8,053256E+21	1,027557E+22	1,397767E+22
-2833	1,799802E+22	2,125944E+22	2,305781E+22	2,305811E+22	2,126027E+22	1,799885E+22	1,397824E+22	1,027593E+22	8,053504E+21	8,053451E+21	1,027583E+22	1,397834E+22
-2832	1,799927E+22	2,126059E+22	2,305821E+22	2,305811E+22	2,126010E+22	1,799849E+22	1,397779E+22	1,027565E+22	8,053527E+21	8,053724E+21	1,027620E+22	1,397841E+22
-2831	1,799879E+22	2,125985E+22	2,305727E+22	2,305728E+22	2,125995E+22	1,799895E+22	1,397846E+22	1,027618E+22	8,053822E+21	8,053752E+21	1,027586E+22	1,397775E+22
-2830	1,799802E+22	2,125962E+22	2,305784E+22	2,305776E+22	2,125984E+22	1,799875E+22	1,397858E+22	1,027663E+22	8,054373E+21	8,054263E+21	1,027642E+22	1,397865E+22
-2829	1,799916E+22	2,126019E+22	2,305780E+22	2,305755E+22	2,125952E+22	1,799824E+22	1,397809E+22	1,027641E+22	8,054527E+21	8,054703E+21	1,027677E+22	1,397825E+22
-2828	1,799796E+22	2,125868E+22	2,305640E+22	2,305685E+22	2,125960E+22	1,799878E+22	1,397876E+22	1,027702E+22	8,054966E+21	8,054884E+21	1,027675E+22	1,397824E+22
-2827	1,799818E+22	2,125933E+22	2,305707E+22	2,305705E+22	2,125949E+22	1,799862E+22	1,397860E+22	1,027698E+22	8,055110E+21	8,055225E+21	1,027738E+22	1,397923E+22
-2826	1,799905E+22	2,125954E+22	2,305675E+22	2,305651E+22	2,125901E+22	1,799831E+22	1,397847E+22	1,027691E+22	8,055080E+21	8,055189E+21	1,027708E+22	1,397843E+22
-2825	1,799802E+22	2,125859E+22	2,305623E+22	2,305648E+22	2,125917E+22	1,799859E+22	1,397889E+22	1,027734E+22	8,055319E+21	8,055171E+21	1,027698E+22	1,397866E+22
-2824	1,799893E+22	2,125996E+22	2,305729E+22	2,305695E+22	2,125913E+22	1,799816E+22	1,397833E+22	1,027694E+22	8,055176E+21	8,055265E+21	1,027727E+22	1,397887E+22
-2823	1,799867E+22	2,125940E+22	2,305677E+22	2,305663E+22	2,125921E+22	1,799850E+22	1,397860E+22	1,027696E+22	8,054996E+21	8,054943E+21	1,027670E+22	1,397801E+22
-2822	1,799768E+22	2,125882E+22	2,305714E+22	2,305738E+22	2,125963E+22	1,799865E+22	1,397869E+22	1,027701E+22	8,054928E+21	8,054814E+21	1,027678E+22	1,397869E+22
-2821	1,799902E+22	2,125992E+22	2,305750E+22	2,305747E+22	2,125962E+22	1,799835E+22	1,397810E+22	1,027634E+22	8,054443E+21	8,054660E+21	1,027686E+22	1,397846E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799821E+22	2,125889E+22	2,305644E+22	2,305680E+22	2,125969E+22	1,799892E+22	1,397868E+22	1,027659E+22	8,054287E+21	8,054161E+21	1,027619E+22	1,397799E+22
-2819	1,799820E+22	2,125956E+22	2,305745E+22	2,305735E+22	2,125974E+22	1,799881E+22	1,397852E+22	1,027645E+22	8,054171E+21	8,054101E+21	1,027637E+22	1,397870E+22
-2818	1,799926E+22	2,126028E+22	2,305780E+22	2,305743E+22	2,125945E+22	1,799829E+22	1,397803E+22	1,027604E+22	8,053900E+21	8,053975E+21	1,027611E+22	1,397790E+22
-2817	1,799812E+22	2,125917E+22	2,305708E+22	2,305740E+22	2,125979E+22	1,799863E+22	1,397831E+22	1,027625E+22	8,053938E+21	8,053824E+21	1,027595E+22	1,397800E+22
-2816	1,799867E+22	2,126026E+22	2,305807E+22	2,305791E+22	2,125991E+22	1,799840E+22	1,397788E+22	1,027591E+22	8,053824E+21	8,053960E+21	1,027641E+22	1,397864E+22
-2815	1,799892E+22	2,125996E+22	2,305758E+22	2,305743E+22	2,125976E+22	1,799860E+22	1,397811E+22	1,027593E+22	8,053731E+21	8,053817E+21	1,027603E+22	1,397793E+22
-2814	1,799797E+22	2,125909E+22	2,305740E+22	2,305769E+22	2,125995E+22	1,799882E+22	1,397850E+22	1,027640E+22	8,054061E+21	8,053950E+21	1,027612E+22	1,397837E+22
-2813	1,799918E+22	2,126040E+22	2,305792E+22	2,305769E+22	2,125975E+22	1,799844E+22	1,397810E+22	1,027620E+22	8,054185E+21	8,054367E+21	1,027664E+22	1,397843E+22
-2812	1,799845E+22	2,125935E+22	2,305679E+22	2,305681E+22	2,125948E+22	1,799872E+22	1,397864E+22	1,027676E+22	8,054616E+21	8,054529E+21	1,027641E+22	1,397792E+22
-2811	1,799782E+22	2,125905E+22	2,305710E+22	2,305714E+22	2,125954E+22	1,799872E+22	1,397877E+22	1,027712E+22	8,055109E+21	8,055037E+21	1,027698E+22	1,397878E+22
-2810	1,799891E+22	2,125967E+22	2,305716E+22	2,305697E+22	2,125916E+22	1,799818E+22	1,397831E+22	1,027690E+22	8,055226E+21	8,055439E+21	1,027737E+22	1,397859E+22
-2809	1,799797E+22	2,125826E+22	2,305575E+22	2,305617E+22	2,125904E+22	1,799850E+22	1,397883E+22	1,027740E+22	8,055539E+21	8,055495E+21	1,027726E+22	1,397859E+22
-2808	1,799833E+22	2,125912E+22	2,305654E+22	2,305644E+22	2,125896E+22	1,799830E+22	1,397868E+22	1,027743E+22	8,055707E+21	8,055755E+21	1,027771E+22	1,397931E+22
-2807	1,799901E+22	2,125939E+22	2,305643E+22	2,305602E+22	2,125858E+22	1,799816E+22	1,397866E+22	1,027738E+22	8,055691E+21	8,055761E+21	1,027744E+22	1,397849E+22
-2806	1,799781E+22	2,125834E+22	2,305616E+22	2,305634E+22	2,125887E+22	1,799840E+22	1,397900E+22	1,027774E+22	8,055869E+21	8,055690E+21	1,027728E+22	1,397860E+22
-2805	1,799863E+22	2,125963E+22	2,305707E+22	2,305684E+22	2,125905E+22	1,799813E+22	1,397845E+22	1,027727E+22	8,055668E+21	8,055832E+21	1,027773E+22	1,397894E+22
-2804	1,799828E+22	2,125875E+22	2,305615E+22	2,305622E+22	2,125899E+22	1,799845E+22	1,397873E+22	1,027729E+22	8,055489E+21	8,055471E+21	1,027714E+22	1,397827E+22
-2803	1,799763E+22	2,125830E+22	2,305631E+22	2,305671E+22	2,125940E+22	1,799876E+22	1,397893E+22	1,027736E+22	8,055375E+21	8,055256E+21	1,027710E+22	1,397880E+22
-2802	1,799899E+22	2,125968E+22	2,305699E+22	2,305688E+22	2,125921E+22	1,799828E+22	1,397835E+22	1,027680E+22	8,054964E+21	8,055110E+21	1,027714E+22	1,397859E+22
-2801	1,799825E+22	2,125876E+22	2,305610E+22	2,305626E+22	2,125908E+22	1,799853E+22	1,397868E+22	1,027693E+22	8,054797E+21	8,054650E+21	1,027651E+22	1,397810E+22
-2800	1,799817E+22	2,125943E+22	2,305725E+22	2,305708E+22	2,125930E+22	1,799839E+22	1,397847E+22	1,027681E+22	8,054721E+21	8,054638E+21	1,027672E+22	1,397872E+22
-2799	1,799902E+22	2,125996E+22	2,305749E+22	2,305718E+22	2,125926E+22	1,799818E+22	1,397808E+22	1,027634E+22	8,054410E+21	8,054555E+21	1,027660E+22	1,397811E+22
-2798	1,799790E+22	2,125876E+22	2,305680E+22	2,305723E+22	2,125966E+22	1,799861E+22	1,397843E+22	1,027653E+22	8,054361E+21	8,054291E+21	1,027633E+22	1,397818E+22
-2797	1,799862E+22	2,125997E+22	2,305769E+22	2,305762E+22	2,125979E+22	1,799848E+22	1,397813E+22	1,027628E+22	8,054285E+21	8,054467E+21	1,027683E+22	1,397881E+22
-2796	1,799879E+22	2,125952E+22	2,305692E+22	2,305682E+22	2,125936E+22	1,799853E+22	1,397837E+22	1,027646E+22	8,054371E+21	8,054394E+21	1,027641E+22	1,397809E+22
-2795	1,799794E+22	2,125877E+22	2,305673E+22	2,305699E+22	2,125955E+22	1,799882E+22	1,397882E+22	1,027701E+22	8,054812E+21	8,054630E+21	1,027651E+22	1,397833E+22
-2794	1,799888E+22	2,126003E+22	2,305749E+22	2,305722E+22	2,125928E+22	1,799823E+22	1,397834E+22	1,027683E+22	8,055015E+21	8,055153E+21	1,027717E+22	1,397857E+22
-2793	1,799819E+22	2,125877E+22	2,305615E+22	2,305623E+22	2,125893E+22	1,799834E+22	1,397864E+22	1,027719E+22	8,055344E+21	8,055324E+21	1,027706E+22	1,397824E+22
-2792	1,799772E+22	2,125857E+22	2,305641E+22	2,305652E+22	2,125904E+22	1,799840E+22	1,397881E+22	1,027754E+22	8,055762E+21	8,055727E+21	1,027754E+22	1,397906E+22
-2791	1,799884E+22	2,125927E+22	2,305648E+22	2,305627E+22	2,125870E+22	1,799806E+22	1,397850E+22	1,027734E+22	8,055822E+21	8,056058E+21	1,027788E+22	1,397889E+22
-2790	1,799799E+22	2,125809E+22	2,305544E+22	2,305570E+22	2,125860E+22	1,799833E+22	1,397899E+22	1,027782E+22	8,056083E+21	8,055983E+21	1,027754E+22	1,397865E+22
-2789	1,799830E+22	2,125908E+22	2,305643E+22	2,305619E+22	2,125865E+22	1,799815E+22	1,397884E+22	1,027786E+22	8,056288E+21	8,056328E+21	1,027806E+22	1,397928E+22
-2788	1,799866E+22	2,125896E+22	2,305610E+22	2,305579E+22	2,125832E+22	1,799798E+22	1,397878E+22	1,027783E+22	8,056338E+21	8,056388E+21	1,027785E+22	1,397857E+22
-2787	1,799757E+22	2,125784E+22	2,305555E+22	2,305598E+22	2,125883E+22	1,799851E+22	1,397920E+22	1,027814E+22	8,056447E+21	8,056285E+21	1,027769E+22	1,397863E+22
-2786	1,799828E+22	2,125912E+22	2,305655E+22	2,305645E+22	2,125889E+22	1,799821E+22	1,397874E+22	1,027771E+22	8,056212E+21	8,056361E+21	1,027815E+22	1,397918E+22
-2785	1,799821E+22	2,125828E+22	2,305548E+22	2,305562E+22	2,125856E+22	1,799828E+22	1,397885E+22	1,027764E+22	8,055960E+21	8,055952E+21	1,027754E+22	1,397854E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799774E+22	2,125811E+22	2,305574E+22	2,305605E+22	2,125886E+22	1,799848E+22	1,397904E+22	1,027777E+22	8,055877E+21	8,055700E+21	1,027737E+22	1,397886E+22
-2783	1,799890E+22	2,125954E+22	2,305665E+22	2,305638E+22	2,125874E+22	1,799808E+22	1,397848E+22	1,027719E+22	8,055504E+21	8,055636E+21	1,027752E+22	1,397871E+22
-2782	1,799808E+22	2,125860E+22	2,305604E+22	2,305611E+22	2,125875E+22	1,799823E+22	1,397865E+22	1,027722E+22	8,055269E+21	8,055137E+21	1,027686E+22	1,397818E+22
-2781	1,799800E+22	2,125918E+22	2,305704E+22	2,305698E+22	2,125920E+22	1,799826E+22	1,397846E+22	1,027702E+22	8,055147E+21	8,055170E+21	1,027718E+22	1,397890E+22
-2780	1,799878E+22	2,125944E+22	2,305693E+22	2,305681E+22	2,125906E+22	1,799813E+22	1,397819E+22	1,027665E+22	8,054874E+21	8,055052E+21	1,027703E+22	1,397841E+22
-2779	1,799796E+22	2,125840E+22	2,305606E+22	2,305661E+22	2,125945E+22	1,799873E+22	1,397871E+22	1,027694E+22	8,054861E+21	8,054755E+21	1,027662E+22	1,397821E+22
-2778	1,799848E+22	2,125974E+22	2,305724E+22	2,305708E+22	2,125941E+22	1,799846E+22	1,397849E+22	1,027686E+22	8,054937E+21	8,054998E+21	1,027712E+22	1,397887E+22
-2777	1,799867E+22	2,125924E+22	2,305650E+22	2,305629E+22	2,125880E+22	1,799821E+22	1,397848E+22	1,027697E+22	8,055087E+21	8,055073E+21	1,027684E+22	1,397818E+22
-2776	1,799777E+22	2,125842E+22	2,305623E+22	2,305651E+22	2,125905E+22	1,799845E+22	1,397890E+22	1,027753E+22	8,055564E+21	8,055369E+21	1,027701E+22	1,397841E+22
-2775	1,799852E+22	2,125949E+22	2,305689E+22	2,305673E+22	2,125897E+22	1,799811E+22	1,397847E+22	1,027729E+22	8,055721E+21	8,055924E+21	1,027782E+22	1,397888E+22
-2774	1,799799E+22	2,125831E+22	2,305569E+22	2,305578E+22	2,125856E+22	1,799817E+22	1,397875E+22	1,027758E+22	8,055928E+21	8,055948E+21	1,027757E+22	1,397853E+22
-2773	1,799773E+22	2,125829E+22	2,305593E+22	2,305606E+22	2,125870E+22	1,799829E+22	1,397897E+22	1,027794E+22	8,056331E+21	8,056344E+21	1,027803E+22	1,397928E+22
-2772	1,799876E+22	2,125894E+22	2,305591E+22	2,305566E+22	2,125824E+22	1,799790E+22	1,397871E+22	1,027786E+22	8,056498E+21	8,056680E+21	1,027828E+22	1,397905E+22
-2771	1,799797E+22	2,125787E+22	2,305494E+22	2,305517E+22	2,125828E+22	1,799829E+22	1,397924E+22	1,027836E+22	8,056789E+21	8,056636E+21	1,027790E+22	1,397858E+22
-2770	1,799795E+22	2,125873E+22	2,305615E+22	2,305595E+22	2,125842E+22	1,799806E+22	1,397906E+22	1,027841E+22	8,057012E+21	8,057003E+21	1,027851E+22	1,397941E+22
-2769	1,799839E+22	2,125838E+22	2,305550E+22	2,305538E+22	2,125803E+22	1,799779E+22	1,397880E+22	1,027819E+22	8,056938E+21	8,057041E+21	1,027838E+22	1,397884E+22
-2768	1,799747E+22	2,125736E+22	2,305484E+22	2,305539E+22	2,125846E+22	1,799835E+22	1,397932E+22	1,027852E+22	8,056954E+21	8,056809E+21	1,027812E+22	1,397884E+22
-2767	1,799817E+22	2,125872E+22	2,305589E+22	2,305581E+22	2,125850E+22	1,799816E+22	1,397895E+22	1,027809E+22	8,056686E+21	8,056829E+21	1,027853E+22	1,397940E+22
-2766	1,799819E+22	2,125815E+22	2,305522E+22	2,305513E+22	2,125807E+22	1,799805E+22	1,397895E+22	1,027798E+22	8,056394E+21	8,056334E+21	1,027777E+22	1,397861E+22
-2765	1,799774E+22	2,125814E+22	2,305568E+22	2,305581E+22	2,125852E+22	1,799824E+22	1,397907E+22	1,027805E+22	8,056336E+21	8,056191E+21	1,027770E+22	1,397889E+22
-2764	1,799865E+22	2,125920E+22	2,305632E+22	2,305609E+22	2,125847E+22	1,799786E+22	1,397848E+22	1,027750E+22	8,056008E+21	8,056158E+21	1,027789E+22	1,397885E+22
-2763	1,799797E+22	2,125826E+22	2,305553E+22	2,305580E+22	2,125873E+22	1,799830E+22	1,397876E+22	1,027750E+22	8,055726E+21	8,055627E+21	1,027721E+22	1,397826E+22
-2762	1,799777E+22	2,125883E+22	2,305667E+22	2,305669E+22	2,125907E+22	1,799832E+22	1,397870E+22	1,027741E+22	8,055630E+21	8,055612E+21	1,027751E+22	1,397912E+22
-2761	1,799874E+22	2,125903E+22	2,305632E+22	2,305627E+22	2,125870E+22	1,799798E+22	1,397833E+22	1,027704E+22	8,055393E+21	8,055541E+21	1,027737E+22	1,397859E+22
-2760	1,799799E+22	2,125821E+22	2,305553E+22	2,305598E+22	2,125893E+22	1,799851E+22	1,397893E+22	1,027749E+22	8,055500E+21	8,055317E+21	1,027694E+22	1,397820E+22
-2759	1,799818E+22	2,125942E+22	2,305683E+22	2,305656E+22	2,125895E+22	1,799830E+22	1,397872E+22	1,027743E+22	8,055680E+21	8,055714E+21	1,027759E+22	1,397893E+22
-2758	1,799831E+22	2,125885E+22	2,305621E+22	2,305594E+22	2,125841E+22	1,799792E+22	1,397853E+22	1,027741E+22	8,055781E+21	8,055799E+21	1,027738E+22	1,397835E+22
-2757	1,799755E+22	2,125799E+22	2,305574E+22	2,305612E+22	2,125879E+22	1,799827E+22	1,397891E+22	1,027786E+22	8,056199E+21	8,056129E+21	1,027765E+22	1,397871E+22
-2756	1,799830E+22	2,125886E+22	2,305609E+22	2,305605E+22	2,125856E+22	1,799797E+22	1,397861E+22	1,027771E+22	8,056356E+21	8,056601E+21	1,027838E+22	1,397929E+22
-2755	1,799811E+22	2,125797E+22	2,305491E+22	2,305507E+22	2,125822E+22	1,799814E+22	1,397898E+22	1,027806E+22	8,056558E+21	8,056549E+21	1,027797E+22	1,397866E+22
-2754	1,799767E+22	2,125814E+22	2,305559E+22	2,305556E+22	2,125829E+22	1,799818E+22	1,397925E+22	1,027853E+22	8,057036E+21	8,056936E+21	1,027838E+22	1,397941E+22
-2753	1,799865E+22	2,125865E+22	2,305555E+22	2,305524E+22	2,125778E+22	1,799761E+22	1,397880E+22	1,027835E+22	8,057213E+21	8,057372E+21	1,027872E+22	1,397915E+22
-2752	1,799779E+22	2,125756E+22	2,305453E+22	2,305479E+22	2,125794E+22	1,799808E+22	1,397937E+22	1,027885E+22	8,057463E+21	8,057315E+21	1,027837E+22	1,397863E+22
-2751	1,799754E+22	2,125818E+22	2,305562E+22	2,305556E+22	2,125826E+22	1,799811E+22	1,397928E+22	1,027884E+22	8,057619E+21	8,057655E+21	1,027903E+22	1,397962E+22
-2750	1,799817E+22	2,125795E+22	2,305505E+22	2,305495E+22	2,125776E+22	1,799773E+22	1,397896E+22	1,027853E+22	8,057412E+21	8,057533E+21	1,027878E+22	1,397908E+22
-2749	1,799749E+22	2,125710E+22	2,305432E+22	2,305487E+22	2,125814E+22	1,799826E+22	1,397946E+22	1,027883E+22	8,057410E+21	8,057288E+21	1,027846E+22	1,397899E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799808E+22	2,125841E+22	2,305535E+22	2,305516E+22	2,125801E+22	1,799798E+22	1,397911E+22	1,027852E+22	8,057222E+21	8,057312E+21	1,027883E+22	1,397955E+22
-2747	1,799820E+22	2,125800E+22	2,305484E+22	2,305467E+22	2,125771E+22	1,799787E+22	1,397905E+22	1,027836E+22	8,056934E+21	8,056848E+21	1,027805E+22	1,397855E+22
-2746	1,799744E+22	2,125787E+22	2,305552E+22	2,305564E+22	2,125829E+22	1,799806E+22	1,397913E+22	1,027841E+22	8,056866E+21	8,056704E+21	1,027807E+22	1,397905E+22
-2745	1,799847E+22	2,125874E+22	2,305587E+22	2,305576E+22	2,125823E+22	1,799766E+22	1,397844E+22	1,027772E+22	8,056463E+21	8,056683E+21	1,027832E+22	1,397910E+22
-2744	1,799796E+22	2,125795E+22	2,305499E+22	2,305527E+22	2,125839E+22	1,799818E+22	1,397889E+22	1,027782E+22	8,056146E+21	8,056064E+21	1,027753E+22	1,397839E+22
-2743	1,799765E+22	2,125850E+22	2,305616E+22	2,305617E+22	2,125880E+22	1,799834E+22	1,397896E+22	1,027783E+22	8,056135E+21	8,056080E+21	1,027780E+22	1,397920E+22
-2742	1,799862E+22	2,125889E+22	2,305611E+22	2,305584E+22	2,125829E+22	1,799780E+22	1,397848E+22	1,027747E+22	8,055945E+21	8,056032E+21	1,027763E+22	1,397861E+22
-2741	1,799783E+22	2,125803E+22	2,305532E+22	2,305566E+22	2,125860E+22	1,799830E+22	1,397901E+22	1,027789E+22	8,056143E+21	8,055999E+21	1,027739E+22	1,397825E+22
-2740	1,799779E+22	2,125881E+22	2,305626E+22	2,305610E+22	2,125863E+22	1,799814E+22	1,397883E+22	1,027789E+22	8,056379E+21	8,056454E+21	1,027816E+22	1,397919E+22
-2739	1,799815E+22	2,125831E+22	2,305547E+22	2,305539E+22	2,125821E+22	1,799792E+22	1,397870E+22	1,027784E+22	8,056433E+21	8,056510E+21	1,027793E+22	1,397858E+22
-2738	1,799738E+22	2,125756E+22	2,305521E+22	2,305560E+22	2,125846E+22	1,799823E+22	1,397916E+22	1,027835E+22	8,056843E+21	8,056754E+21	1,027816E+22	1,397910E+22
-2737	1,799838E+22	2,125846E+22	2,305539E+22	2,305533E+22	2,125804E+22	1,799774E+22	1,397874E+22	1,027818E+22	8,057021E+21	8,057250E+21	1,027884E+22	1,397955E+22
-2736	1,799823E+22	2,125788E+22	2,305446E+22	2,305438E+22	2,125760E+22	1,799789E+22	1,397920E+22	1,027863E+22	8,057270E+21	8,057207E+21	1,027836E+22	1,397870E+22
-2735	1,799743E+22	2,125785E+22	2,305529E+22	2,305516E+22	2,125791E+22	1,799803E+22	1,397947E+22	1,027909E+22	8,057796E+21	8,057676E+21	1,027885E+22	1,397945E+22
-2734	1,799830E+22	2,125826E+22	2,305529E+22	2,305498E+22	2,125752E+22	1,799743E+22	1,397889E+22	1,027878E+22	8,057869E+21	8,058051E+21	1,027921E+22	1,397930E+22
-2733	1,799756E+22	2,125712E+22	2,305407E+22	2,305443E+22	2,125777E+22	1,799803E+22	1,397946E+22	1,027917E+22	8,058040E+21	8,057988E+21	1,027891E+22	1,397886E+22
-2732	1,799729E+22	2,125749E+22	2,305479E+22	2,305485E+22	2,125789E+22	1,799807E+22	1,397950E+22	1,027925E+22	8,058165E+21	8,058206E+21	1,027945E+22	1,397988E+22
-2731	1,799821E+22	2,125758E+22	2,305431E+22	2,305425E+22	2,125740E+22	1,799769E+22	1,397919E+22	1,027897E+22	8,057944E+21	8,058015E+21	1,027906E+22	1,397913E+22
-2730	1,799740E+22	2,125698E+22	2,305408E+22	2,305441E+22	2,125768E+22	1,799806E+22	1,397962E+22	1,027929E+22	8,057974E+21	8,057752E+21	1,027873E+22	1,397910E+22
-2729	1,799799E+22	2,125811E+22	2,305502E+22	2,305476E+22	2,125755E+22	1,799761E+22	1,397906E+22	1,027884E+22	8,057773E+21	8,057869E+21	1,027919E+22	1,397965E+22
-2728	1,799811E+22	2,125778E+22	2,305456E+22	2,305437E+22	2,125739E+22	1,799764E+22	1,397907E+22	1,027866E+22	8,057404E+21	8,057369E+21	1,027844E+22	1,397863E+22
-2727	1,799718E+22	2,125747E+22	2,305518E+22	2,305539E+22	2,125819E+22	1,799809E+22	1,397926E+22	1,027868E+22	8,057293E+21	8,057190E+21	1,027847E+22	1,397922E+22
-2726	1,799832E+22	2,125844E+22	2,305557E+22	2,305546E+22	2,125805E+22	1,799764E+22	1,397857E+22	1,027799E+22	8,056828E+21	8,057063E+21	1,027861E+22	1,397927E+22
-2725	1,799800E+22	2,125778E+22	2,305464E+22	2,305486E+22	2,125817E+22	1,799817E+22	1,397904E+22	1,027813E+22	8,056606E+21	8,056538E+21	1,027783E+22	1,397844E+22
-2724	1,799746E+22	2,125809E+22	2,305563E+22	2,305556E+22	2,125838E+22	1,799826E+22	1,397921E+22	1,027833E+22	8,056757E+21	8,056649E+21	1,027814E+22	1,397925E+22
-2723	1,799845E+22	2,125852E+22	2,305563E+22	2,305541E+22	2,125799E+22	1,799768E+22	1,397866E+22	1,027797E+22	8,056635E+21	8,056709E+21	1,027806E+22	1,397862E+22
-2722	1,799749E+22	2,125756E+22	2,305493E+22	2,305531E+22	2,125830E+22	1,799813E+22	1,397913E+22	1,027836E+22	8,056835E+21	8,056692E+21	1,027795E+22	1,397857E+22
-2721	1,799766E+22	2,125818E+22	2,305551E+22	2,305545E+22	2,125819E+22	1,799790E+22	1,397886E+22	1,027825E+22	8,057013E+21	8,057167E+21	1,027876E+22	1,397959E+22
-2720	1,799827E+22	2,125798E+22	2,305480E+22	2,305462E+22	2,125761E+22	1,799771E+22	1,397889E+22	1,027828E+22	8,057015E+21	8,057125E+21	1,027842E+22	1,397882E+22
-2719	1,799736E+22	2,125731E+22	2,305473E+22	2,305499E+22	2,125801E+22	1,799812E+22	1,397940E+22	1,027886E+22	8,057488E+21	8,057371E+21	1,027856E+22	1,397922E+22
-2718	1,799833E+22	2,125841E+22	2,305525E+22	2,305491E+22	2,125758E+22	1,799751E+22	1,397888E+22	1,027867E+22	8,057680E+21	8,057865E+21	1,027920E+22	1,397959E+22
-2717	1,799808E+22	2,125769E+22	2,305429E+22	2,305415E+22	2,125734E+22	1,799772E+22	1,397927E+22	1,027905E+22	8,057973E+21	8,057943E+21	1,027882E+22	1,397871E+22
-2716	1,799700E+22	2,125718E+22	2,305470E+22	2,305477E+22	2,125772E+22	1,799800E+22	1,397968E+22	1,027959E+22	8,058507E+21	8,058406E+21	1,027937E+22	1,397961E+22
-2715	1,799806E+22	2,125764E+22	2,305457E+22	2,305450E+22	2,125737E+22	1,799748E+22	1,397914E+22	1,027925E+22	8,058502E+21	8,058699E+21	1,027969E+22	1,397946E+22
-2714	1,799732E+22	2,125658E+22	2,305347E+22	2,305389E+22	2,125743E+22	1,799801E+22	1,397975E+22	1,027968E+22	8,058638E+21	8,058532E+21	1,027934E+22	1,397918E+22
-2713	1,799730E+22	2,125702E+22	2,305404E+22	2,305407E+22	2,125731E+22	1,799783E+22	1,397964E+22	1,027969E+22	8,058764E+21	8,058782E+21	1,027985E+22	1,398008E+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°
-2712	1,799830E+22	2,125748E+22	2,305389E+22	2,305353E+22	2,125670E+22	1,799738E+22	1,397934E+22	1,027942E+22	8,058520E+21	8,058575E+21	1,027942E+22	1,397915E+22
-2711	1,799720E+22	2,125674E+22	2,305387E+22	2,305411E+22	2,125731E+22	1,799782E+22	1,397968E+22	1,027966E+22	8,058537E+21	8,058345E+21	1,027915E+22	1,397917E+22
-2710	1,799779E+22	2,125787E+22	2,305485E+22	2,305458E+22	2,125733E+22	1,799737E+22	1,397898E+22	1,027904E+22	8,058197E+21	8,058363E+21	1,027960E+22	1,397983E+22
-2709	1,799803E+22	2,125750E+22	2,305426E+22	2,305416E+22	2,125730E+22	1,799759E+22	1,397904E+22	1,027880E+22	8,057766E+21	8,057829E+21	1,027882E+22	1,397882E+22
-2708	1,799704E+22	2,125696E+22	2,305456E+22	2,305489E+22	2,125796E+22	1,799814E+22	1,397949E+22	1,027902E+22	8,057695E+21	8,057581E+21	1,027875E+22	1,397935E+22
-2707	1,799834E+22	2,125816E+22	2,305503E+22	2,305497E+22	2,125782E+22	1,799768E+22	1,397885E+22	1,027843E+22	8,057313E+21	8,057466E+21	1,027881E+22	1,397920E+22
-2706	1,799780E+22	2,125759E+22	2,305444E+22	2,305451E+22	2,125781E+22	1,799808E+22	1,397930E+22	1,027865E+22	8,057209E+21	8,057042E+21	1,027814E+22	1,397853E+22
-2705	1,799726E+22	2,125759E+22	2,305511E+22	2,305508E+22	2,125793E+22	1,799799E+22	1,397927E+22	1,027877E+22	8,057425E+21	8,057336E+21	1,027862E+22	1,397937E+22
-2704	1,799831E+22	2,125814E+22	2,305512E+22	2,305486E+22	2,125753E+22	1,799749E+22	1,397880E+22	1,027839E+22	8,057255E+21	8,057397E+21	1,027862E+22	1,397883E+22
-2703	1,799729E+22	2,125709E+22	2,305441E+22	2,305484E+22	2,125798E+22	1,799805E+22	1,397929E+22	1,027876E+22	8,057437E+21	8,057357E+21	1,027851E+22	1,397886E+22
-2702	1,799765E+22	2,125789E+22	2,305505E+22	2,305492E+22	2,125775E+22	1,799770E+22	1,397897E+22	1,027864E+22	8,057556E+21	8,057725E+21	1,027920E+22	1,397985E+22
-2701	1,799840E+22	2,125789E+22	2,305447E+22	2,305414E+22	2,125722E+22	1,799755E+22	1,397899E+22	1,027868E+22	8,057642E+21	8,057754E+21	1,027882E+22	1,397891E+22
-2700	1,799720E+22	2,125696E+22	2,305428E+22	2,305442E+22	2,125753E+22	1,799798E+22	1,397966E+22	1,027944E+22	8,058227E+21	8,058060E+21	1,027897E+22	1,397922E+22
-2699	1,799806E+22	2,125796E+22	2,305481E+22	2,305460E+22	2,125736E+22	1,799741E+22	1,397910E+22	1,027924E+22	8,058453E+21	8,058614E+21	1,027967E+22	1,397958E+22
-2698	1,799765E+22	2,125712E+22	2,305386E+22	2,305386E+22	2,125716E+22	1,799767E+22	1,397949E+22	1,027959E+22	8,058711E+21	8,058676E+21	1,027941E+22	1,397901E+22
-2697	1,799678E+22	2,125637E+22	2,305376E+22	2,305405E+22	2,125731E+22	1,799788E+22	1,397982E+22	1,028003E+22	8,059178E+21	8,059129E+21	1,027996E+22	1,397993E+22
-2696	1,799808E+22	2,125722E+22	2,305378E+22	2,305363E+22	2,125675E+22	1,799734E+22	1,397940E+22	1,027973E+22	8,059087E+21	8,059293E+21	1,028016E+22	1,397967E+22
-2695	1,799729E+22	2,125630E+22	2,305296E+22	2,305323E+22	2,125688E+22	1,799781E+22	1,397994E+22	1,028015E+22	8,059238E+21	8,059098E+21	1,027972E+22	1,397928E+22
-2694	1,799728E+22	2,125698E+22	2,305386E+22	2,305362E+22	2,125675E+22	1,799747E+22	1,397965E+22	1,028005E+22	8,059294E+21	8,059300E+21	1,028018E+22	1,398015E+22
-2693	1,799825E+22	2,125739E+22	2,305380E+22	2,305339E+22	2,125645E+22	1,799712E+22	1,397925E+22	1,027965E+22	8,059021E+21	8,059139E+21	1,027981E+22	1,397921E+22
-2692	1,799693E+22	2,125628E+22	2,305346E+22	2,305385E+22	2,125719E+22	1,799780E+22	1,397978E+22	1,027994E+22	8,058985E+21	8,058838E+21	1,027954E+22	1,397932E+22
-2691	1,799766E+22	2,125745E+22	2,305438E+22	2,305436E+22	2,125733E+22	1,799749E+22	1,397919E+22	1,027936E+22	8,058597E+21	8,058764E+21	1,027989E+22	1,397992E+22
-2690	1,799789E+22	2,125716E+22	2,305389E+22	2,305388E+22	2,125716E+22	1,799767E+22	1,397933E+22	1,027921E+22	8,058197E+21	8,058181E+21	1,027909E+22	1,397902E+22
-2689	1,799703E+22	2,125655E+22	2,305391E+22	2,305425E+22	2,125753E+22	1,799802E+22	1,397969E+22	1,027947E+22	8,058247E+21	8,058075E+21	1,027904E+22	1,397939E+22
-2688	1,799828E+22	2,125800E+22	2,305466E+22	2,305435E+22	2,125719E+22	1,799746E+22	1,397910E+22	1,027893E+22	8,057921E+21	8,058041E+21	1,027917E+22	1,397918E+22
-2687	1,799748E+22	2,125719E+22	2,305411E+22	2,305418E+22	2,125741E+22	1,799784E+22	1,397941E+22	1,027911E+22	8,057873E+21	8,057734E+21	1,027866E+22	1,397865E+22
-2686	1,799706E+22	2,125725E+22	2,305470E+22	2,305468E+22	2,125756E+22	1,799771E+22	1,397924E+22	1,027907E+22	8,057979E+21	8,057978E+21	1,027917E+22	1,397967E+22
-2685	1,799830E+22	2,125782E+22	2,305461E+22	2,305438E+22	2,125720E+22	1,799732E+22	1,397877E+22	1,027863E+22	8,057768E+21	8,058003E+21	1,027913E+22	1,397910E+22
-2684	1,799724E+22	2,125665E+22	2,305374E+22	2,305421E+22	2,125757E+22	1,799796E+22	1,397949E+22	1,027918E+22	8,057987E+21	8,057899E+21	1,027891E+22	1,397906E+22
-2683	1,799770E+22	2,125768E+22	2,305459E+22	2,305447E+22	2,125741E+22	1,799758E+22	1,397919E+22	1,027914E+22	8,058187E+21	8,058278E+21	1,027950E+22	1,397982E+22
-2682	1,799817E+22	2,125765E+22	2,305428E+22	2,305389E+22	2,125690E+22	1,799742E+22	1,397923E+22	1,027926E+22	8,058362E+21	8,058393E+21	1,027924E+22	1,397902E+22
-2681	1,799692E+22	2,125636E+22	2,305369E+22	2,305398E+22	2,125719E+22	1,799780E+22	1,397980E+22	1,027997E+22	8,059013E+21	8,058862E+21	1,027954E+22	1,397933E+22
-2680	1,799779E+22	2,125745E+22	2,305418E+22	2,305399E+22	2,125693E+22	1,799736E+22	1,397938E+22	1,027976E+22	8,059164E+21	8,059371E+21	1,028026E+22	1,397977E+22
-2679	1,799736E+22	2,125649E+22	2,305318E+22	2,305330E+22	2,125682E+22	1,799765E+22	1,397976E+22	1,028010E+22	8,059395E+21	8,059393E+21	1,027999E+22	1,397930E+22
-2678	1,799677E+22	2,125603E+22	2,305308E+22	2,305334E+22	2,125679E+22	1,799767E+22	1,397996E+22	1,028046E+22	8,059765E+21	8,059718E+21	1,028042E+22	1,398019E+22
-2677	1,799819E+22	2,125711E+22	2,305333E+22	2,305301E+22	2,125623E+22	1,799708E+22	1,397945E+22	1,028011E+22	8,059694E+21	8,059886E+21	1,028055E+22	1,397978E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799717E+22	2,125604E+22	2,305257E+22	2,305272E+22	2,125637E+22	1,799756E+22	1,398007E+22	1,028061E+22	8,059857E+21	8,059691E+21	1,028011E+22	1,397936E+22
-2675	1,799711E+22	2,125666E+22	2,305358E+22	2,305347E+22	2,125655E+22	1,799726E+22	1,397971E+22	1,028043E+22	8,059860E+21	8,059860E+21	1,028056E+22	1,398019E+22
-2674	1,799796E+22	2,125702E+22	2,305356E+22	2,305330E+22	2,125639E+22	1,799710E+22	1,397936E+22	1,027998E+22	8,059495E+21	8,059621E+21	1,028024E+22	1,397948E+22
-2673	1,799681E+22	2,125573E+22	2,305277E+22	2,305334E+22	2,125693E+22	1,799776E+22	1,397992E+22	1,028025E+22	8,059438E+21	8,059313E+21	1,027991E+22	1,397948E+22
-2672	1,799766E+22	2,125721E+22	2,305383E+22	2,305371E+22	2,125689E+22	1,799748E+22	1,397951E+22	1,027977E+22	8,059044E+21	8,059165E+21	1,028015E+22	1,397995E+22
-2671	1,799776E+22	2,125694E+22	2,305355E+22	2,305345E+22	2,125679E+22	1,799758E+22	1,397957E+22	1,027968E+22	8,058757E+21	8,058669E+21	1,027936E+22	1,397901E+22
-2670	1,799691E+22	2,125640E+22	2,305360E+22	2,305384E+22	2,125706E+22	1,799771E+22	1,397973E+22	1,027984E+22	8,058799E+21	8,058614E+21	1,027939E+22	1,397944E+22
-2669	1,799809E+22	2,125774E+22	2,305439E+22	2,305413E+22	2,125694E+22	1,799720E+22	1,397901E+22	1,027921E+22	8,058488E+21	8,058667E+21	1,027964E+22	1,397931E+22
-2668	1,799720E+22	2,125666E+22	2,305354E+22	2,305374E+22	2,125713E+22	1,799773E+22	1,397950E+22	1,027944E+22	8,058403E+21	8,058328E+21	1,027917E+22	1,397891E+22
-2667	1,799695E+22	2,125679E+22	2,305413E+22	2,305431E+22	2,125733E+22	1,799763E+22	1,397939E+22	1,027943E+22	8,058481E+21	8,058493E+21	1,027958E+22	1,397987E+22
-2666	1,799825E+22	2,125755E+22	2,305420E+22	2,305400E+22	2,125694E+22	1,799728E+22	1,397901E+22	1,027909E+22	8,058308E+21	8,058496E+21	1,027953E+22	1,397937E+22
-2665	1,799726E+22	2,125631E+22	2,305310E+22	2,305351E+22	2,125706E+22	1,799778E+22	1,397968E+22	1,027970E+22	8,058672E+21	8,058537E+21	1,027930E+22	1,397912E+22
-2664	1,799758E+22	2,125748E+22	2,305422E+22	2,305389E+22	2,125685E+22	1,799742E+22	1,397948E+22	1,027973E+22	8,058931E+21	8,058987E+21	1,027995E+22	1,397983E+22
-2663	1,799779E+22	2,125715E+22	2,305387E+22	2,305360E+22	2,125662E+22	1,799726E+22	1,397941E+22	1,027983E+22	8,059164E+21	8,059206E+21	1,027983E+22	1,397916E+22
-2662	1,799668E+22	2,125587E+22	2,305302E+22	2,305344E+22	2,125683E+22	1,799762E+22	1,397989E+22	1,028039E+22	8,059691E+21	8,059607E+21	1,028016E+22	1,397965E+22
-2661	1,799768E+22	2,125700E+22	2,305351E+22	2,305339E+22	2,125655E+22	1,799721E+22	1,397946E+22	1,028015E+22	8,059797E+21	8,060044E+21	1,028079E+22	1,398004E+22
-2660	1,799728E+22	2,125603E+22	2,305241E+22	2,305251E+22	2,125628E+22	1,799752E+22	1,398001E+22	1,028062E+22	8,060029E+21	8,059992E+21	1,028042E+22	1,397950E+22
-2659	1,799679E+22	2,125581E+22	2,305264E+22	2,305283E+22	2,125632E+22	1,799744E+22	1,398014E+22	1,028097E+22	8,060405E+21	8,060282E+21	1,028074E+22	1,398020E+22
-2658	1,799801E+22	2,125694E+22	2,305318E+22	2,305279E+22	2,125591E+22	1,799689E+22	1,397958E+22	1,028058E+22	8,060313E+21	8,060459E+21	1,028095E+22	1,397993E+22
-2657	1,799697E+22	2,125559E+22	2,305208E+22	2,305236E+22	2,125610E+22	1,799737E+22	1,398011E+22	1,028098E+22	8,060466E+21	8,060330E+21	1,028057E+22	1,397949E+22
-2656	1,799695E+22	2,125634E+22	2,305316E+22	2,305304E+22	2,125628E+22	1,799726E+22	1,397992E+22	1,028078E+22	8,060356E+21	8,060390E+21	1,028098E+22	1,398034E+22
-2655	1,799772E+22	2,125653E+22	2,305310E+22	2,305301E+22	2,125625E+22	1,799714E+22	1,397960E+22	1,028038E+22	8,059989E+21	8,060105E+21	1,028059E+22	1,397964E+22
-2654	1,799682E+22	2,125553E+22	2,305224E+22	2,305282E+22	2,125658E+22	1,799765E+22	1,398006E+22	1,028061E+22	8,059891E+21	8,059744E+21	1,028021E+22	1,397960E+22
-2653	1,799762E+22	2,125710E+22	2,305349E+22	2,305321E+22	2,125647E+22	1,799728E+22	1,397956E+22	1,028013E+22	8,059574E+21	8,059649E+21	1,028041E+22	1,397991E+22
-2652	1,799747E+22	2,125658E+22	2,305313E+22	2,305298E+22	2,125636E+22	1,799737E+22	1,397970E+22	1,028011E+22	8,059346E+21	8,059244E+21	1,027975E+22	1,397908E+22
-2651	1,799667E+22	2,125598E+22	2,305320E+22	2,305362E+22	2,125683E+22	1,799748E+22	1,397974E+22	1,028018E+22	8,059351E+21	8,059192E+21	1,027984E+22	1,397958E+22
-2650	1,799783E+22	2,125729E+22	2,305393E+22	2,305383E+22	2,125677E+22	1,799712E+22	1,397909E+22	1,027952E+22	8,058959E+21	8,059188E+21	1,028015E+22	1,397971E+22
-2649	1,799719E+22	2,125616E+22	2,305277E+22	2,305307E+22	2,125673E+22	1,799758E+22	1,397960E+22	1,027976E+22	8,058904E+21	8,058867E+21	1,027961E+22	1,397919E+22
-2648	1,799707E+22	2,125667E+22	2,305363E+22	2,305357E+22	2,125677E+22	1,799752E+22	1,397965E+22	1,027987E+22	8,059012E+21	8,058982E+21	1,027990E+22	1,397996E+22
-2647	1,799813E+22	2,125738E+22	2,305392E+22	2,305361E+22	2,125655E+22	1,799713E+22	1,397924E+22	1,027963E+22	8,058989E+21	8,059103E+21	1,027986E+22	1,397938E+22
-2646	1,799713E+22	2,125617E+22	2,305280E+22	2,305314E+22	2,125665E+22	1,799752E+22	1,397977E+22	1,028017E+22	8,059372E+21	8,059235E+21	1,027975E+22	1,397917E+22
-2645	1,799729E+22	2,125711E+22	2,305383E+22	2,305359E+22	2,125663E+22	1,799726E+22	1,397952E+22	1,028017E+22	8,059664E+21	8,059738E+21	1,028047E+22	1,397994E+22
-2644	1,799741E+22	2,125649E+22	2,305316E+22	2,305307E+22	2,125636E+22	1,799726E+22	1,397967E+22	1,028035E+22	8,059878E+21	8,059949E+21	1,028042E+22	1,397945E+22
-2643	1,799652E+22	2,125528E+22	2,305229E+22	2,305292E+22	2,125651E+22	1,799754E+22	1,398014E+22	1,028092E+22	8,060360E+21	8,060252E+21	1,028064E+22	1,397989E+22
-2642	1,799758E+22	2,125662E+22	2,305293E+22	2,305282E+22	2,125617E+22	1,799713E+22	1,397973E+22	1,028070E+22	8,060454E+21	8,060649E+21	1,028127E+22	1,398034E+22
-2641	1,799727E+22	2,125569E+22	2,305176E+22	2,305172E+22	2,125563E+22	1,799723E+22	1,398017E+22	1,028116E+22	8,060771E+21	8,060701E+21	1,028087E+22	1,397961E+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	1,799667E+22	2,125564E+22	2,305233E+22	2,305227E+22	2,125574E+22	1,799718E+22	1,398031E+22	1,028146E+22	8,061105E+21	8,060980E+21	1,028121E+22	1,398028E+22
-2639	1,799769E+22	2,125653E+22	2,305287E+22	2,305260E+22	2,125573E+22	1,799674E+22	1,397967E+22	1,028101E+22	8,060981E+21	8,061158E+21	1,028146E+22	1,398011E+22
-2638	1,799686E+22	2,125525E+22	2,305153E+22	2,305192E+22	2,125585E+22	1,799724E+22	1,398013E+22	1,028124E+22	8,060949E+21	8,060886E+21	1,028104E+22	1,397975E+22
-2637	1,799689E+22	2,125602E+22	2,305267E+22	2,305261E+22	2,125605E+22	1,799719E+22	1,397998E+22	1,028106E+22	8,060799E+21	8,060824E+21	1,028128E+22	1,398047E+22
-2636	1,799762E+22	2,125619E+22	2,305253E+22	2,305243E+22	2,125590E+22	1,799709E+22	1,397984E+22	1,028079E+22	8,060460E+21	8,060516E+21	1,028084E+22	1,397970E+22
-2635	1,799671E+22	2,125528E+22	2,305191E+22	2,305245E+22	2,125622E+22	1,799748E+22	1,398022E+22	1,028102E+22	8,060401E+21	8,060177E+21	1,028043E+22	1,397955E+22
-2634	1,799732E+22	2,125680E+22	2,305328E+22	2,305303E+22	2,125627E+22	1,799715E+22	1,397967E+22	1,028050E+22	8,060083E+21	8,060155E+21	1,028079E+22	1,398006E+22
-2633	1,799723E+22	2,125607E+22	2,305254E+22	2,305249E+22	2,125604E+22	1,799718E+22	1,397973E+22	1,028043E+22	8,059892E+21	8,059852E+21	1,028023E+22	1,397928E+22
-2632	1,799656E+22	2,125567E+22	2,305272E+22	2,305303E+22	2,125645E+22	1,799742E+22	1,397989E+22	1,028049E+22	8,059822E+21	8,059717E+21	1,028028E+22	1,397983E+22
-2631	1,799774E+22	2,125692E+22	2,305347E+22	2,305343E+22	2,125651E+22	1,799706E+22	1,397927E+22	1,027991E+22	8,059482E+21	8,059700E+21	1,028052E+22	1,397994E+22
-2630	1,799734E+22	2,125609E+22	2,305228E+22	2,305248E+22	2,125629E+22	1,799738E+22	1,397969E+22	1,028013E+22	8,059425E+21	8,059373E+21	1,027994E+22	1,397933E+22
-2629	1,799706E+22	2,125662E+22	2,305340E+22	2,305315E+22	2,125636E+22	1,799729E+22	1,397971E+22	1,028031E+22	8,059657E+21	8,059565E+21	1,028020E+22	1,397991E+22
-2628	1,799780E+22	2,125697E+22	2,305356E+22	2,305325E+22	2,125622E+22	1,799698E+22	1,397944E+22	1,028017E+22	8,059726E+21	8,059823E+21	1,028033E+22	1,397945E+22
-2627	1,799677E+22	2,125561E+22	2,305233E+22	2,305289E+22	2,125647E+22	1,799740E+22	1,397992E+22	1,028067E+22	8,060103E+21	8,059982E+21	1,028030E+22	1,397934E+22
-2626	1,799693E+22	2,125646E+22	2,305320E+22	2,305315E+22	2,125646E+22	1,799729E+22	1,397976E+22	1,028064E+22	8,060321E+21	8,060443E+21	1,028108E+22	1,398031E+22
-2625	1,799730E+22	2,125585E+22	2,305219E+22	2,305218E+22	2,125583E+22	1,799714E+22	1,397990E+22	1,028087E+22	8,060593E+21	8,060677E+21	1,028098E+22	1,397976E+22
-2624	1,799658E+22	2,125507E+22	2,305165E+22	2,305199E+22	2,125582E+22	1,799737E+22	1,398041E+22	1,028147E+22	8,061061E+21	8,060912E+21	1,028109E+22	1,398005E+22
-2623	1,799746E+22	2,125634E+22	2,305255E+22	2,305231E+22	2,125566E+22	1,799687E+22	1,397990E+22	1,028127E+22	8,061217E+21	8,061358E+21	1,028169E+22	1,398045E+22
-2622	1,799722E+22	2,125554E+22	2,305143E+22	2,305132E+22	2,125518E+22	1,799688E+22	1,398015E+22	1,028154E+22	8,061430E+21	8,061407E+21	1,028138E+22	1,397978E+22
-2621	1,799651E+22	2,125536E+22	2,305203E+22	2,305199E+22	2,125551E+22	1,799697E+22	1,398025E+22	1,028177E+22	8,061687E+21	8,061599E+21	1,028166E+22	1,398040E+22
-2620	1,799741E+22	2,125599E+22	2,305231E+22	2,305220E+22	2,125558E+22	1,799679E+22	1,397988E+22	1,028139E+22	8,061496E+21	8,061704E+21	1,028189E+22	1,398032E+22
-2619	1,799673E+22	2,125481E+22	2,305105E+22	2,305160E+22	2,125568E+22	1,799725E+22	1,398035E+22	1,028163E+22	8,061417E+21	8,061316E+21	1,028133E+22	1,397986E+22
-2618	1,799676E+22	2,125570E+22	2,305221E+22	2,305217E+22	2,125582E+22	1,799722E+22	1,398025E+22	1,028149E+22	8,061269E+21	8,061239E+21	1,028155E+22	1,398056E+22
-2617	1,799749E+22	2,125584E+22	2,305197E+22	2,305176E+22	2,125537E+22	1,799690E+22	1,398001E+22	1,028125E+22	8,061063E+21	8,061080E+21	1,028117E+22	1,397973E+22
-2616	1,799653E+22	2,125505E+22	2,305157E+22	2,305188E+22	2,125570E+22	1,799725E+22	1,398033E+22	1,028142E+22	8,060979E+21	8,060765E+21	1,028084E+22	1,397963E+22
-2615	1,799702E+22	2,125630E+22	2,305287E+22	2,305273E+22	2,125603E+22	1,799698E+22	1,397972E+22	1,028085E+22	8,060648E+21	8,060762E+21	1,028125E+22	1,398030E+22
-2614	1,799725E+22	2,125579E+22	2,305200E+22	2,305195E+22	2,125567E+22	1,799697E+22	1,397969E+22	1,028063E+22	8,060316E+21	8,060374E+21	1,028069E+22	1,397960E+22
-2613	1,799664E+22	2,125550E+22	2,305233E+22	2,305256E+22	2,125609E+22	1,799722E+22	1,397989E+22	1,028075E+22	8,060255E+21	8,060140E+21	1,028056E+22	1,397995E+22
-2612	1,799771E+22	2,125671E+22	2,305308E+22	2,305294E+22	2,125616E+22	1,799698E+22	1,397949E+22	1,028035E+22	8,060018E+21	8,060177E+21	1,028079E+22	1,397997E+22
-2611	1,799721E+22	2,125590E+22	2,305213E+22	2,305227E+22	2,125601E+22	1,799722E+22	1,397985E+22	1,028060E+22	8,060042E+21	8,059924E+21	1,028023E+22	1,397927E+22
-2610	1,799670E+22	2,125621E+22	2,305316E+22	2,305303E+22	2,125628E+22	1,799727E+22	1,397992E+22	1,028079E+22	8,060308E+21	8,060231E+21	1,028068E+22	1,398001E+22
-2609	1,799744E+22	2,125631E+22	2,305284E+22	2,305270E+22	2,125594E+22	1,799693E+22	1,397963E+22	1,028068E+22	8,060465E+21	8,060612E+21	1,028094E+22	1,397968E+22
-2608	1,799655E+22	2,125507E+22	2,305163E+22	2,305211E+22	2,125603E+22	1,799742E+22	1,398023E+22	1,028119E+22	8,060801E+21	8,060717E+21	1,028090E+22	1,397965E+22
-2607	1,799679E+22	2,125588E+22	2,305248E+22	2,305250E+22	2,125607E+22	1,799722E+22	1,398005E+22	1,028123E+22	8,061065E+21	8,061166E+21	1,028159E+22	1,398061E+22
-2606	1,799747E+22	2,125666E+22	2,305150E+22	2,305129E+22	2,125515E+22	1,799682E+22	1,398000E+22	1,028135E+22	8,061288E+21	8,061379E+21	1,028147E+22	1,397997E+22
-2605	1,799659E+22	2,125496E+22	2,305135E+22	2,305143E+22	2,125521E+22	1,799696E+22	1,398041E+22	1,028193E+22	8,061781E+21	8,061596E+21	1,028151E+22	1,398011E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799722E+22	2,125597E+22	2,305221E+22	2,305195E+22	2,125528E+22	1,799662E+22	1,398000E+22	1,028174E+22	8,061924E+21	8,062084E+21	1,028221E+22	1,398059E+22
-2603	1,799695E+22	2,125505E+22	2,305109E+22	2,305113E+22	2,125502E+22	1,799675E+22	1,398020E+22	1,028190E+22	8,062016E+21	8,062028E+21	1,028186E+22	1,397996E+22
-2602	1,799628E+22	2,125486E+22	2,305155E+22	2,305170E+22	2,125546E+22	1,799708E+22	1,398047E+22	1,028212E+22	8,062151E+21	8,062113E+21	1,028210E+22	1,398063E+22
-2601	1,799732E+22	2,125549E+22	2,305154E+22	2,305146E+22	2,125518E+22	1,799677E+22	1,398015E+22	1,028183E+22	8,062035E+21	8,062212E+21	1,028223E+22	1,398044E+22
-2600	1,799670E+22	2,125463E+22	2,305058E+22	2,305083E+22	2,125516E+22	1,799721E+22	1,398064E+22	1,028211E+22	8,061974E+21	8,061801E+21	1,028160E+22	1,397987E+22
-2599	1,799653E+22	2,125534E+22	2,305190E+22	2,305179E+22	2,125545E+22	1,799706E+22	1,398043E+22	1,028198E+22	8,061905E+21	8,061812E+21	1,028184E+22	1,398056E+22
-2598	1,799738E+22	2,125557E+22	2,305157E+22	2,305133E+22	2,125496E+22	1,799658E+22	1,397996E+22	1,028154E+22	8,061600E+21	8,061684E+21	1,028164E+22	1,397989E+22
-2597	1,799640E+22	2,125477E+22	2,305127E+22	2,305157E+22	2,125542E+22	1,799699E+22	1,398024E+22	1,028165E+22	8,061445E+21	8,061281E+21	1,028126E+22	1,397982E+22
-2596	1,799688E+22	2,125586E+22	2,305240E+22	2,305233E+22	2,125579E+22	1,799694E+22	1,397985E+22	1,028116E+22	8,061083E+21	8,061240E+21	1,028166E+22	1,398055E+22
-2595	1,799726E+22	2,125550E+22	2,305168E+22	2,305167E+22	2,125543E+22	1,799689E+22	1,397983E+22	1,028096E+22	8,060734E+21	8,060773E+21	1,028098E+22	1,397973E+22
-2594	1,799662E+22	2,125534E+22	2,305206E+22	2,305223E+22	2,125590E+22	1,799724E+22	1,398013E+22	1,028115E+22	8,060723E+21	8,060593E+21	1,028085E+22	1,397997E+22
-2593	1,799752E+22	2,125638E+22	2,305264E+22	2,305240E+22	2,125573E+22	1,799685E+22	1,397971E+22	1,028087E+22	8,060695E+21	8,060824E+21	1,028118E+22	1,397998E+22
-2592	1,799695E+22	2,125554E+22	2,305175E+22	2,305178E+22	2,125565E+22	1,799714E+22	1,398005E+22	1,028111E+22	8,060761E+21	8,060658E+21	1,028076E+22	1,397940E+22
-2591	1,799632E+22	2,125546E+22	2,305250E+22	2,305261E+22	2,125607E+22	1,799723E+22	1,398012E+22	1,028131E+22	8,061052E+21	8,061001E+21	1,028125E+22	1,398028E+22
-2590	1,799740E+22	2,125579E+22	2,305202E+22	2,305192E+22	2,125544E+22	1,799675E+22	1,397974E+22	1,028108E+22	8,061101E+21	8,061332E+21	1,028156E+22	1,398007E+22
-2589	1,799664E+22	2,125480E+22	2,305102E+22	2,305133E+22	2,125538E+22	1,799708E+22	1,398030E+22	1,028164E+22	8,061440E+21	8,061327E+21	1,028133E+22	1,397984E+22
-2588	1,799677E+22	2,125558E+22	2,305193E+22	2,305177E+22	2,125545E+22	1,799698E+22	1,398025E+22	1,028177E+22	8,061767E+21	8,061824E+21	1,028201E+22	1,398072E+22
-2587	1,799735E+22	2,125544E+22	2,305134E+22	2,305100E+22	2,125470E+22	1,799651E+22	1,398007E+22	1,028182E+22	8,061975E+21	8,062042E+21	1,028189E+22	1,398002E+22
-2586	1,799635E+22	2,125462E+22	2,305111E+22	2,305127E+22	2,125508E+22	1,799688E+22	1,398053E+22	1,028233E+22	8,062394E+21	8,062272E+21	1,028202E+22	1,398023E+22
-2585	1,799693E+22	2,125540E+22	2,305158E+22	2,305146E+22	2,125504E+22	1,799661E+22	1,398020E+22	1,028220E+22	8,062584E+21	8,062780E+21	1,028274E+22	1,398079E+22
-2584	1,799678E+22	2,125461E+22	2,305052E+22	2,305054E+22	2,125474E+22	1,799684E+22	1,398051E+22	1,028238E+22	8,062614E+21	8,062622E+21	1,028231E+22	1,398015E+22
-2583	1,799611E+22	2,125429E+22	2,305091E+22	2,305121E+22	2,125520E+22	1,799712E+22	1,398081E+22	1,028267E+22	8,062792E+21	8,062678E+21	1,028242E+22	1,398073E+22
-2582	1,799736E+22	2,125527E+22	2,305096E+22	2,305073E+22	2,125460E+22	1,799655E+22	1,398029E+22	1,028228E+22	8,062635E+21	8,062793E+21	1,028262E+22	1,398052E+22
-2581	1,799659E+22	2,125446E+22	2,305032E+22	2,305035E+22	2,125457E+22	1,799679E+22	1,398065E+22	1,028252E+22	8,062583E+21	8,062375E+21	1,028196E+22	1,397988E+22
-2580	1,799625E+22	2,125488E+22	2,305148E+22	2,305144E+22	2,125511E+22	1,799683E+22	1,398048E+22	1,028235E+22	8,062483E+21	8,062436E+21	1,028233E+22	1,398073E+22
-2579	1,799718E+22	2,125513E+22	2,305124E+22	2,305112E+22	2,125476E+22	1,799642E+22	1,397993E+22	1,028176E+22	8,062030E+21	8,062183E+21	1,028209E+22	1,398014E+22
-2578	1,799636E+22	2,125442E+22	2,305086E+22	2,305129E+22	2,125531E+22	1,799702E+22	1,398036E+22	1,028185E+22	8,061759E+21	8,061682E+21	1,028165E+22	1,398007E+22
-2577	1,799692E+22	2,125556E+22	2,305181E+22	2,305171E+22	2,125539E+22	1,799687E+22	1,398005E+22	1,028153E+22	8,061535E+21	8,061665E+21	1,028196E+22	1,398066E+22
-2576	1,799727E+22	2,125542E+22	2,305139E+22	2,305113E+22	2,125502E+22	1,799685E+22	1,398007E+22	1,028140E+22	8,061263E+21	8,061233E+21	1,028123E+22	1,397971E+22
-2575	1,799639E+22	2,125499E+22	2,305182E+22	2,305201E+22	2,125567E+22	1,799717E+22	1,398036E+22	1,028167E+22	8,061396E+21	8,061202E+21	1,028116E+22	1,397994E+22
-2574	1,799735E+22	2,125602E+22	2,305215E+22	2,305194E+22	2,125537E+22	1,799665E+22	1,397977E+22	1,028126E+22	8,061328E+21	8,061515E+21	1,028170E+22	1,398012E+22
-2573	1,799672E+22	2,125509E+22	2,305126E+22	2,305131E+22	2,125527E+22	1,799693E+22	1,398013E+22	1,028152E+22	8,061389E+21	8,061312E+21	1,028128E+22	1,397961E+22
-2572	1,799614E+22	2,125485E+22	2,305176E+22	2,305199E+22	2,125569E+22	1,799717E+22	1,398037E+22	1,028180E+22	8,061697E+21	8,061667E+21	1,028179E+22	1,398056E+22
-2571	1,799736E+22	2,125540E+22	2,305148E+22	2,305135E+22	2,125497E+22	1,799656E+22	1,397991E+22	1,028155E+22	8,061723E+21	8,061929E+21	1,028200E+22	1,398027E+22
-2570	1,799664E+22	2,125460E+22	2,305064E+22	2,305082E+22	2,125495E+22	1,799693E+22	1,398048E+22	1,028210E+22	8,062070E+21	8,061970E+21	1,028178E+22	1,397994E+22
-2569	1,799661E+22	2,125525E+22	2,305147E+22	2,305118E+22	2,125485E+22	1,799668E+22	1,398040E+22	1,028233E+22	8,062546E+21	8,062594E+21	1,028253E+22	1,398081E+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°
-2568	1,799711E+22	2,125508E+22	2,305095E+22	2,305057E+22	2,125437E+22	1,799639E+22	1,398022E+22	1,028231E+22	8,062716E+21	8,062810E+21	1,028246E+22	1,398018E+22
-2567	1,799603E+22	2,125397E+22	2,305053E+22	2,305093E+22	2,125496E+22	1,799691E+22	1,398075E+22	1,028283E+22	8,063109E+21	8,062997E+21	1,028253E+22	1,398045E+22
-2566	1,799689E+22	2,125493E+22	2,305082E+22	2,305075E+22	2,125463E+22	1,799653E+22	1,398038E+22	1,028262E+22	8,063182E+21	8,063413E+21	1,028324E+22	1,398105E+22
-2565	1,799680E+22	2,125433E+22	2,304999E+22	2,304992E+22	2,125421E+22	1,799661E+22	1,398069E+22	1,028286E+22	8,063213E+21	8,063146E+21	1,028264E+22	1,398024E+22
-2564	1,799599E+22	2,125393E+22	2,305038E+22	2,305063E+22	2,125472E+22	1,799695E+22	1,398104E+22	1,028319E+22	8,063434E+21	8,063263E+21	1,028278E+22	1,398075E+22
-2563	1,799712E+22	2,125496E+22	2,305077E+22	2,305050E+22	2,125423E+22	1,799628E+22	1,398034E+22	1,028266E+22	8,063199E+21	8,063353E+21	1,028301E+22	1,398060E+22
-2562	1,799638E+22	2,125412E+22	2,305004E+22	2,305018E+22	2,125442E+22	1,799669E+22	1,398069E+22	1,028277E+22	8,063029E+21	8,062927E+21	1,028244E+22	1,398004E+22
-2561	1,799605E+22	2,125442E+22	2,305089E+22	2,305093E+22	2,125479E+22	1,799675E+22	1,398060E+22	1,028267E+22	8,062958E+21	8,062970E+21	1,028281E+22	1,398100E+22
-2560	1,799717E+22	2,125487E+22	2,305076E+22	2,305063E+22	2,125451E+22	1,799645E+22	1,398012E+22	1,028210E+22	8,062458E+21	8,062613E+21	1,028244E+22	1,398036E+22
-2559	1,799636E+22	2,125411E+22	2,305037E+22	2,305089E+22	2,125510E+22	1,799703E+22	1,398060E+22	1,028228E+22	8,062262E+21	8,062096E+21	1,028184E+22	1,398012E+22
-2558	1,799700E+22	2,125548E+22	2,305141E+22	2,305114E+22	2,125490E+22	1,799666E+22	1,398018E+22	1,028193E+22	8,062070E+21	8,062165E+21	1,028226E+22	1,398068E+22
-2557	1,799712E+22	2,125528E+22	2,305124E+22	2,305083E+22	2,125453E+22	1,799647E+22	1,398012E+22	1,028184E+22	8,061872E+21	8,061793E+21	1,028157E+22	1,397968E+22
-2556	1,799601E+22	2,125440E+22	2,305128E+22	2,305167E+22	2,125540E+22	1,799703E+22	1,398049E+22	1,028213E+22	8,062056E+21	8,061893E+21	1,028169E+22	1,398006E+22
-2555	1,799699E+22	2,125544E+22	2,305167E+22	2,305160E+22	2,125512E+22	1,799654E+22	1,397986E+22	1,028162E+22	8,061894E+21	8,062133E+21	1,028223E+22	1,398040E+22
-2554	1,799664E+22	2,125465E+22	2,305064E+22	2,305079E+22	2,125496E+22	1,799689E+22	1,398032E+22	1,028188E+22	8,061907E+21	8,061906E+21	1,028178E+22	1,397986E+22
-2553	1,799613E+22	2,125449E+22	2,305101E+22	2,305113E+22	2,125505E+22	1,799697E+22	1,398060E+22	1,028234E+22	8,062376E+21	8,062308E+21	1,028224E+22	1,398074E+22
-2552	1,799734E+22	2,125525E+22	2,305105E+22	2,305071E+22	2,125444E+22	1,799637E+22	1,398010E+22	1,028210E+22	8,062457E+21	8,062605E+21	1,028243E+22	1,398036E+22
-2551	1,799642E+22	2,125421E+22	2,305029E+22	2,305055E+22	2,125466E+22	1,799675E+22	1,398065E+22	1,028267E+22	8,062860E+21	8,062721E+21	1,028223E+22	1,398004E+22
-2550	1,799647E+22	2,125486E+22	2,305094E+22	2,305073E+22	2,125451E+22	1,799648E+22	1,398047E+22	1,028276E+22	8,063251E+21	8,063369E+21	1,028315E+22	1,398104E+22
-2549	1,799691E+22	2,125465E+22	2,305048E+22	2,305017E+22	2,125403E+22	1,799621E+22	1,398036E+22	1,028278E+22	8,063369E+21	8,063474E+21	1,028298E+22	1,398041E+22
-2548	1,799586E+22	2,125338E+22	2,304980E+22	2,305038E+22	2,125468E+22	1,799694E+22	1,398108E+22	1,028337E+22	8,063772E+21	8,063652E+21	1,028303E+22	1,398064E+22
-2547	1,799675E+22	2,125457E+22	2,305033E+22	2,305023E+22	2,125424E+22	1,799643E+22	1,398061E+22	1,028311E+22	8,063789E+21	8,063963E+21	1,028361E+22	1,398117E+22
-2546	1,799672E+22	2,125411E+22	2,304960E+22	2,304944E+22	2,125382E+22	1,799649E+22	1,398089E+22	1,028331E+22	8,063805E+21	8,063746E+21	1,028304E+22	1,398029E+22
-2545	1,799577E+22	2,125354E+22	2,304984E+22	2,305005E+22	2,125418E+22	1,799666E+22	1,398116E+22	1,028368E+22	8,064110E+21	8,063937E+21	1,028327E+22	1,398089E+22
-2544	1,799688E+22	2,125455E+22	2,305025E+22	2,305006E+22	2,125396E+22	1,799614E+22	1,398039E+22	1,028301E+22	8,063767E+21	8,063955E+21	1,028350E+22	1,398084E+22
-2543	1,799621E+22	2,125363E+22	2,304951E+22	2,304985E+22	2,125427E+22	1,799666E+22	1,398080E+22	1,028310E+22	8,063518E+21	8,063431E+21	1,028282E+22	1,398033E+22
-2542	1,799620E+22	2,125421E+22	2,305030E+22	2,305028E+22	2,125433E+22	1,799656E+22	1,398066E+22	1,028292E+22	8,063348E+21	8,063386E+21	1,028314E+22	1,398120E+22
-2541	1,799725E+22	2,125483E+22	2,305049E+22	2,305017E+22	2,125401E+22	1,799616E+22	1,398022E+22	1,028246E+22	8,062891E+21	8,062957E+21	1,028260E+22	1,398034E+22
-2540	1,799624E+22	2,125392E+22	2,305011E+22	2,305057E+22	2,125478E+22	1,799690E+22	1,398078E+22	1,028273E+22	8,062817E+21	8,062589E+21	1,028210E+22	1,398002E+22
-2539	1,799663E+22	2,125518E+22	2,305129E+22	2,305103E+22	2,125468E+22	1,799648E+22	1,398025E+22	1,028229E+22	8,062611E+21	8,062686E+21	1,028258E+22	1,398067E+22
-2538	1,799680E+22	2,125486E+22	2,305088E+22	2,305067E+22	2,125449E+22	1,799647E+22	1,398023E+22	1,028215E+22	8,062384E+21	8,062402E+21	1,028207E+22	1,397982E+22
-2537	1,799573E+22	2,125380E+22	2,305051E+22	2,305104E+22	2,125503E+22	1,799697E+22	1,398071E+22	1,028258E+22	8,062669E+21	8,062543E+21	1,028225E+22	1,398036E+22
-2536	1,799689E+22	2,125498E+22	2,305092E+22	2,305094E+22	2,125477E+22	1,799652E+22	1,398010E+22	1,028210E+22	8,062511E+21	8,062737E+21	1,028271E+22	1,398069E+22
-2535	1,799662E+22	2,125429E+22	2,305003E+22	2,305018E+22	2,125455E+22	1,799678E+22	1,398056E+22	1,028244E+22	8,062614E+21	8,062542E+21	1,028217E+22	1,398004E+22
-2534	1,799620E+22	2,125437E+22	2,305052E+22	2,305039E+22	2,125435E+22	1,799659E+22	1,398068E+22	1,028283E+22	8,063102E+21	8,063034E+21	1,028274E+22	1,398088E+22
-2533	1,799720E+22	2,125505E+22	2,305081E+22	2,305035E+22	2,125389E+22	1,799592E+22	1,398014E+22	1,028261E+22	8,063202E+21	8,063338E+21	1,028294E+22	1,398048E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799613E+22	2,125366E+22	2,304974E+22	2,305020E+22	2,125444E+22	1,799665E+22	1,398080E+22	1,028316E+22	8,063605E+21	8,063510E+21	1,028285E+22	1,398025E+22
-2531	1,799616E+22	2,125433E+22	2,305045E+22	2,305036E+22	2,125430E+22	1,799644E+22	1,398063E+22	1,028317E+22	8,063861E+21	8,064008E+21	1,028367E+22	1,398133E+22
-2530	1,799686E+22	2,125425E+22	2,304989E+22	2,304968E+22	2,125378E+22	1,799625E+22	1,398063E+22	1,028321E+22	8,063935E+21	8,064078E+21	1,028344E+22	1,398058E+22
-2529	1,799576E+22	2,125300E+22	2,304904E+22	2,304955E+22	2,125410E+22	1,799681E+22	1,398139E+22	1,028398E+22	8,064478E+21	8,064285E+21	1,028344E+22	1,398075E+22
-2528	1,799657E+22	2,125430E+22	2,304986E+22	2,304966E+22	2,125380E+22	1,799628E+22	1,398082E+22	1,028366E+22	8,064500E+21	8,064606E+21	1,028399E+22	1,398123E+22
-2527	1,799645E+22	2,125368E+22	2,304917E+22	2,304909E+22	2,125352E+22	1,799632E+22	1,398102E+22	1,028379E+22	8,064497E+21	8,064403E+21	1,028345E+22	1,398041E+22
-2526	1,799565E+22	2,125317E+22	2,304929E+22	2,304950E+22	2,125375E+22	1,799640E+22	1,398114E+22	1,028398E+22	8,064663E+21	8,064562E+21	1,028380E+22	1,398116E+22
-2525	1,799680E+22	2,125427E+22	2,304988E+22	2,304966E+22	2,125355E+22	1,799587E+22	1,398044E+22	1,028333E+22	8,064219E+21	8,064418E+21	1,028388E+22	1,398107E+22
-2524	1,799616E+22	2,125327E+22	2,304898E+22	2,304943E+22	2,125403E+22	1,799662E+22	1,398098E+22	1,028346E+22	8,063978E+21	8,063874E+21	1,028314E+22	1,398044E+22
-2523	1,799611E+22	2,125408E+22	2,305010E+22	2,304996E+22	2,125405E+22	1,799645E+22	1,398078E+22	1,028325E+22	8,063772E+21	8,063751E+21	1,028334E+22	1,398122E+22
-2522	1,799715E+22	2,125473E+22	2,305035E+22	2,304996E+22	2,125379E+22	1,799608E+22	1,398036E+22	1,028279E+22	8,063367E+21	8,063448E+21	1,028288E+22	1,398026E+22
-2521	1,799589E+22	2,125351E+22	2,304964E+22	2,305015E+22	2,125443E+22	1,799673E+22	1,398093E+22	1,028318E+22	8,063449E+21	8,063226E+21	1,028256E+22	1,398010E+22
-2520	1,799625E+22	2,125461E+22	2,305068E+22	2,305065E+22	2,125457E+22	1,799647E+22	1,398036E+22	1,028268E+22	8,063214E+21	8,063318E+21	1,028308E+22	1,398088E+22
-2519	1,799656E+22	2,125424E+22	2,305015E+22	2,305016E+22	2,125430E+22	1,799650E+22	1,398045E+22	1,028258E+22	8,062980E+21	8,062998E+21	1,028253E+22	1,398017E+22
-2518	1,799585E+22	2,125348E+22	2,304973E+22	2,305017E+22	2,125442E+22	1,799672E+22	1,398082E+22	1,028298E+22	8,063236E+21	8,063133E+21	1,028273E+22	1,398068E+22
-2517	1,799698E+22	2,125488E+22	2,305053E+22	2,305028E+22	2,125406E+22	1,799612E+22	1,398022E+22	1,028260E+22	8,063129E+21	8,063288E+21	1,028306E+22	1,398082E+22
-2516	1,799654E+22	2,125408E+22	2,304969E+22	2,304976E+22	2,125411E+22	1,799653E+22	1,398070E+22	1,028295E+22	8,063333E+21	8,063241E+21	1,028262E+22	1,398009E+22
-2515	1,799592E+22	2,125412E+22	2,305037E+22	2,305019E+22	2,125408E+22	1,799636E+22	1,398071E+22	1,028322E+22	8,063748E+21	8,063706E+21	1,028321E+22	1,398100E+22
-2514	1,799696E+22	2,125467E+22	2,305044E+22	2,305014E+22	2,125384E+22	1,799595E+22	1,398028E+22	1,028298E+22	8,063819E+21	8,064054E+21	1,028349E+22	1,398066E+22
-2513	1,799587E+22	2,125310E+22	2,304900E+22	2,304959E+22	2,125413E+22	1,799667E+22	1,398112E+22	1,028372E+22	8,064322E+21	8,064229E+21	1,028341E+22	1,398052E+22
-2512	1,799599E+22	2,125378E+22	2,304964E+22	2,304972E+22	2,125404E+22	1,799650E+22	1,398097E+22	1,028377E+22	8,064576E+21	8,064651E+21	1,028408E+22	1,398149E+22
-2511	1,799673E+22	2,125383E+22	2,304923E+22	2,304903E+22	2,125340E+22	1,799622E+22	1,398098E+22	1,028386E+22	8,064712E+21	8,064743E+21	1,028382E+22	1,398071E+22
-2510	1,799572E+22	2,125275E+22	2,304847E+22	2,304873E+22	2,125333E+22	1,799641E+22	1,398149E+22	1,028450E+22	8,065222E+21	8,065024E+21	1,028396E+22	1,398089E+22
-2509	1,799634E+22	2,125394E+22	2,304949E+22	2,304918E+22	2,125319E+22	1,799581E+22	1,398083E+22	1,028412E+22	8,065171E+21	8,065285E+21	1,028448E+22	1,398140E+22
-2508	1,799620E+22	2,125316E+22	2,304863E+22	2,304871E+22	2,125327E+22	1,799614E+22	1,398104E+22	1,028413E+22	8,065091E+21	8,065073E+21	1,028400E+22	1,398066E+22
-2507	1,799550E+22	2,125284E+22	2,304892E+22	2,304911E+22	2,125348E+22	1,799626E+22	1,398115E+22	1,028420E+22	8,065056E+21	8,065008E+21	1,028417E+22	1,398142E+22
-2506	1,799688E+22	2,125410E+22	2,304952E+22	2,304931E+22	2,125337E+22	1,799586E+22	1,398056E+22	1,028357E+22	8,064584E+21	8,064816E+21	1,028414E+22	1,398114E+22
-2505	1,799611E+22	2,125309E+22	2,304856E+22	2,304888E+22	2,125363E+22	1,799651E+22	1,398120E+22	1,028390E+22	8,064493E+21	8,064318E+21	1,028339E+22	1,398044E+22
-2504	1,799588E+22	2,125379E+22	2,304979E+22	2,304969E+22	2,125389E+22	1,799640E+22	1,398095E+22	1,028368E+22	8,064328E+21	8,064242E+21	1,028358E+22	1,398115E+22
-2503	1,799679E+22	2,125427E+22	2,304999E+22	2,304977E+22	2,125373E+22	1,799609E+22	1,398054E+22	1,028322E+22	8,063964E+21	8,064015E+21	1,028325E+22	1,398037E+22
-2502	1,799570E+22	2,125306E+22	2,304901E+22	2,304952E+22	2,125404E+22	1,799658E+22	1,398101E+22	1,028352E+22	8,063999E+21	8,063853E+21	1,028310E+22	1,398040E+22
-2501	1,799613E+22	2,125417E+22	2,305013E+22	2,305007E+22	2,125409E+22	1,799626E+22	1,398052E+22	1,028310E+22	8,063737E+21	8,063853E+21	1,028351E+22	1,398118E+22
-2500	1,799657E+22	2,125385E+22	2,304949E+22	2,304953E+22	2,125391E+22	1,799639E+22	1,398064E+22	1,028303E+22	8,063579E+21	8,063590E+21	1,028296E+22	1,398036E+22
-2499	1,799584E+22	2,125341E+22	2,304948E+22	2,304963E+22	2,125391E+22	1,799645E+22	1,398090E+22	1,028337E+22	8,063806E+21	8,063673E+21	1,028308E+22	1,398081E+22
-2498	1,799695E+22	2,125480E+22	2,305039E+22	2,304997E+22	2,125369E+22	1,799589E+22	1,398030E+22	1,028298E+22	8,063761E+21	8,063961E+21	1,028348E+22	1,398084E+22
-2497	1,799624E+22	2,125365E+22	2,304925E+22	2,304934E+22	2,125375E+22	1,799632E+22	1,398083E+22	1,028346E+22	8,064080E+21	8,064011E+21	1,028319E+22	1,398026E+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°
-2496	1,799559E+22	2,125352E+22	2,304976E+22	2,304984E+22	2,125403E+22	1,799641E+22	1,398090E+22	1,028370E+22	8,064453E+21	8,064429E+21	1,028374E+22	1,398121E+22
-2495	1,799675E+22	2,125406E+22	2,304971E+22	2,304959E+22	2,125365E+22	1,799605E+22	1,398062E+22	1,028353E+22	8,064528E+21	8,064723E+21	1,028396E+22	1,398092E+22
-2494	1,799587E+22	2,125269E+22	2,304818E+22	2,304864E+22	2,125349E+22	1,799649E+22	1,398136E+22	1,028429E+22	8,065046E+21	8,064930E+21	1,028391E+22	1,398074E+22
-2493	1,799591E+22	2,125348E+22	2,304916E+22	2,304901E+22	2,125332E+22	1,799615E+22	1,398118E+22	1,028438E+22	8,065325E+21	8,065319E+21	1,028447E+22	1,398156E+22
-2492	1,799651E+22	2,125341E+22	2,304874E+22	2,304851E+22	2,125292E+22	1,799595E+22	1,398111E+22	1,028440E+22	8,065494E+21	8,065522E+21	1,028434E+22	1,398079E+22
-2491	1,799542E+22	2,125241E+22	2,304820E+22	2,304839E+22	2,125298E+22	1,799612E+22	1,398145E+22	1,028482E+22	8,065818E+21	8,065684E+21	1,028448E+22	1,398111E+22
-2490	1,799621E+22	2,125359E+22	2,304912E+22	2,304888E+22	2,125301E+22	1,799573E+22	1,398086E+22	1,028435E+22	8,065658E+21	8,065892E+21	1,028498E+22	1,398162E+22
-2489	1,799609E+22	2,125273E+22	2,304805E+22	2,304817E+22	2,125295E+22	1,799609E+22	1,398124E+22	1,028451E+22	8,065594E+21	8,065602E+21	1,028444E+22	1,398092E+22
-2488	1,799549E+22	2,125252E+22	2,304839E+22	2,304870E+22	2,125336E+22	1,799631E+22	1,398136E+22	1,028459E+22	8,065535E+21	8,065427E+21	1,028440E+22	1,398148E+22
-2487	1,799682E+22	2,125389E+22	2,304915E+22	2,304891E+22	2,125316E+22	1,799591E+22	1,398085E+22	1,028405E+22	8,065139E+21	8,065257E+21	1,028434E+22	1,398114E+22
-2486	1,799600E+22	2,125288E+22	2,304821E+22	2,304834E+22	2,125312E+22	1,799625E+22	1,398131E+22	1,028432E+22	8,065085E+21	8,064902E+21	1,028378E+22	1,398050E+22
-2485	1,799558E+22	2,125334E+22	2,304944E+22	2,304935E+22	2,125348E+22	1,799612E+22	1,398103E+22	1,028409E+22	8,064894E+21	8,064816E+21	1,028399E+22	1,398125E+22
-2484	1,799650E+22	2,125366E+22	2,304938E+22	2,304934E+22	2,125352E+22	1,799604E+22	1,398066E+22	1,028357E+22	8,064519E+21	8,064643E+21	1,028377E+22	1,398062E+22
-2483	1,799560E+22	2,125274E+22	2,304856E+22	2,304896E+22	2,125363E+22	1,799641E+22	1,398106E+22	1,028377E+22	8,064419E+21	8,064326E+21	1,028351E+22	1,398070E+22
-2482	1,799626E+22	2,125402E+22	2,304972E+22	2,304953E+22	2,125369E+22	1,799613E+22	1,398063E+22	1,028340E+22	8,064206E+21	8,064353E+21	1,028384E+22	1,398129E+22
-2481	1,799657E+22	2,125371E+22	2,304913E+22	2,304894E+22	2,125336E+22	1,799615E+22	1,398080E+22	1,028352E+22	8,064211E+21	8,064185E+21	1,028334E+22	1,398044E+22
-2480	1,799567E+22	2,125311E+22	2,304917E+22	2,304938E+22	2,125371E+22	1,799630E+22	1,398099E+22	1,028382E+22	8,064464E+21	8,064299E+21	1,028343E+22	1,398080E+22
-2479	1,799665E+22	2,125434E+22	2,305001E+22	2,304976E+22	2,125364E+22	1,799591E+22	1,398050E+22	1,028348E+22	8,064460E+21	8,064640E+21	1,028395E+22	1,398100E+22
-2478	1,799604E+22	2,125315E+22	2,304863E+22	2,304872E+22	2,125336E+22	1,799621E+22	1,398099E+22	1,028392E+22	8,064770E+21	8,064761E+21	1,028380E+22	1,398055E+22
-2477	1,799540E+22	2,125292E+22	2,304909E+22	2,304921E+22	2,125354E+22	1,799629E+22	1,398120E+22	1,028427E+22	8,065140E+21	8,065098E+21	1,028422E+22	1,398142E+22
-2476	1,799662E+22	2,125354E+22	2,304896E+22	2,304889E+22	2,125324E+22	1,799601E+22	1,398093E+22	1,028414E+22	8,065303E+21	8,065473E+21	1,028447E+22	1,398107E+22
-2475	1,799575E+22	2,125249E+22	2,304778E+22	2,304791E+22	2,125284E+22	1,799620E+22	1,398150E+22	1,028479E+22	8,065757E+21	8,065625E+21	1,028438E+22	1,398089E+22
-2474	1,799580E+22	2,125320E+22	2,304881E+22	2,304854E+22	2,125283E+22	1,799586E+22	1,398123E+22	1,028481E+22	8,066041E+21	8,066093E+21	1,028499E+22	1,398164E+22
-2473	1,799624E+22	2,125290E+22	2,304817E+22	2,304799E+22	2,125249E+22	1,799568E+22	1,398118E+22	1,028486E+22	8,066208E+21	8,066293E+21	1,028496E+22	1,398107E+22
-2472	1,799524E+22	2,125184E+22	2,304756E+22	2,304801E+22	2,125286E+22	1,799607E+22	1,398152E+22	1,028516E+22	8,066373E+21	8,066283E+21	1,028495E+22	1,398138E+22
-2471	1,799618E+22	2,125319E+22	2,304856E+22	2,304842E+22	2,125282E+22	1,799581E+22	1,398112E+22	1,028476E+22	8,066165E+21	8,066361E+21	1,028534E+22	1,398187E+22
-2470	1,799619E+22	2,125254E+22	2,304755E+22	2,304746E+22	2,125240E+22	1,799592E+22	1,398141E+22	1,028493E+22	8,066112E+21	8,066082E+21	1,028476E+22	1,398103E+22
-2469	1,799543E+22	2,125236E+22	2,304816E+22	2,304826E+22	2,125283E+22	1,799609E+22	1,398158E+22	1,028507E+22	8,066083E+21	8,065889E+21	1,028461E+22	1,398138E+22
-2468	1,799655E+22	2,125353E+22	2,304885E+22	2,304865E+22	2,125293E+22	1,799581E+22	1,398101E+22	1,028449E+22	8,065750E+21	8,065859E+21	1,028470E+22	1,398108E+22
-2467	1,799566E+22	2,125256E+22	2,304797E+22	2,304805E+22	2,125287E+22	1,799610E+22	1,398132E+22	1,028460E+22	8,065567E+21	8,065441E+21	1,028421E+22	1,398068E+22
-2466	1,799543E+22	2,125291E+22	2,304901E+22	2,304902E+22	2,125330E+22	1,799609E+22	1,398110E+22	1,028433E+22	8,065351E+21	8,065368E+21	1,028443E+22	1,398144E+22
-2465	1,799638E+22	2,125316E+22	2,304871E+22	2,304873E+22	2,125312E+22	1,799594E+22	1,398086E+22	1,028399E+22	8,065038E+21	8,065177E+21	1,028423E+22	1,398089E+22
-2464	1,799563E+22	2,125241E+22	2,304801E+22	2,304849E+22	2,125338E+22	1,799633E+22	1,398121E+22	1,028417E+22	8,064942E+21	8,064807E+21	1,028381E+22	1,398080E+22
-2463	1,799627E+22	2,125388E+22	2,304941E+22	2,304907E+22	2,125330E+22	1,799602E+22	1,398084E+22	1,028388E+22	8,064821E+21	8,064891E+21	1,028416E+22	1,398135E+22
-2462	1,799644E+22	2,125345E+22	2,304879E+22	2,304841E+22	2,125279E+22	1,799580E+22	1,398085E+22	1,028395E+22	8,064887E+21	8,064890E+21	1,028386E+22	1,398057E+22
-2461	1,799540E+22	2,125263E+22	2,304879E+22	2,304904E+22	2,125333E+22	1,799608E+22	1,398111E+22	1,028427E+22	8,065125E+21	8,064994E+21	1,028394E+22	1,398093E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799637E+22	2,125369E+22	2,304930E+22	2,304928E+22	2,125345E+22	1,799595E+22	1,398072E+22	1,028394E+22	8,065145E+21	8,065379E+21	1,028453E+22	1,398123E+22
-2459	1,799591E+22	2,125276E+22	2,304806E+22	2,304807E+22	2,125291E+22	1,799610E+22	1,398119E+22	1,028435E+22	8,065369E+21	8,065383E+21	1,028430E+22	1,398085E+22
-2458	1,799546E+22	2,125261E+22	2,304853E+22	2,304856E+22	2,125306E+22	1,799615E+22	1,398140E+22	1,028476E+22	8,065818E+21	8,065768E+21	1,028464E+22	1,398148E+22
-2457	1,799645E+22	2,125316E+22	2,304841E+22	2,304820E+22	2,125262E+22	1,799576E+22	1,398116E+22	1,028476E+22	8,066094E+21	8,066227E+21	1,028499E+22	1,398120E+22
-2456	1,799553E+22	2,125203E+22	2,304731E+22	2,304757E+22	2,125254E+22	1,799598E+22	1,398159E+22	1,028528E+22	8,066492E+21	8,066358E+21	1,028486E+22	1,398099E+22
-2455	1,799558E+22	2,125274E+22	2,304831E+22	2,304816E+22	2,125262E+22	1,799581E+22	1,398141E+22	1,028528E+22	8,066718E+21	8,066779E+21	1,028553E+22	1,398191E+22
-2454	1,799614E+22	2,125247E+22	2,304757E+22	2,304736E+22	2,125203E+22	1,799551E+22	1,398129E+22	1,028526E+22	8,066816E+21	8,066958E+21	1,028554E+22	1,398141E+22
-2453	1,799523E+22	2,125146E+22	2,304704E+22	2,304749E+22	2,125242E+22	1,799595E+22	1,398177E+22	1,028561E+22	8,066914E+21	8,066793E+21	1,028530E+22	1,398152E+22
-2452	1,799615E+22	2,125289E+22	2,304805E+22	2,304792E+22	2,125254E+22	1,799581E+22	1,398140E+22	1,028526E+22	8,066771E+21	8,066911E+21	1,028566E+22	1,398187E+22
-2451	1,799607E+22	2,125249E+22	2,304740E+22	2,304703E+22	2,125193E+22	1,799570E+22	1,398153E+22	1,028532E+22	8,066650E+21	8,066591E+21	1,028507E+22	1,398105E+22
-2450	1,799523E+22	2,125205E+22	2,304793E+22	2,304804E+22	2,125255E+22	1,799589E+22	1,398162E+22	1,028541E+22	8,066654E+21	8,066495E+21	1,028499E+22	1,398133E+22
-2449	1,799615E+22	2,125296E+22	2,304831E+22	2,304826E+22	2,125267E+22	1,799568E+22	1,398111E+22	1,028487E+22	8,066327E+21	8,066489E+21	1,028524E+22	1,398131E+22
-2448	1,799546E+22	2,125195E+22	2,304729E+22	2,304765E+22	2,125272E+22	1,799605E+22	1,398141E+22	1,028488E+22	8,066023E+21	8,065937E+21	1,028461E+22	1,398091E+22
-2447	1,799543E+22	2,125253E+22	2,304837E+22	2,304845E+22	2,125299E+22	1,799609E+22	1,398134E+22	1,028472E+22	8,065810E+21	8,065791E+21	1,028478E+22	1,398169E+22
-2446	1,799649E+22	2,125302E+22	2,304821E+22	2,304798E+22	2,125245E+22	1,799563E+22	1,398095E+22	1,028438E+22	8,065566E+21	8,065680E+21	1,028460E+22	1,398106E+22
-2445	1,799562E+22	2,125226E+22	2,304777E+22	2,304805E+22	2,125279E+22	1,799602E+22	1,398134E+22	1,028460E+22	8,065500E+21	8,065325E+21	1,028411E+22	1,398079E+22
-2444	1,799604E+22	2,125354E+22	2,304910E+22	2,304886E+22	2,125309E+22	1,799589E+22	1,398096E+22	1,028431E+22	8,065463E+21	8,065558E+21	1,028461E+22	1,398137E+22
-2443	1,799617E+22	2,125318E+22	2,304852E+22	2,304811E+22	2,125253E+22	1,799566E+22	1,398089E+22	1,028426E+22	8,065430E+21	8,065508E+21	1,028437E+22	1,398080E+22
-2442	1,799527E+22	2,125217E+22	2,304828E+22	2,304865E+22	2,125312E+22	1,799608E+22	1,398127E+22	1,028465E+22	8,065724E+21	8,065650E+21	1,028442E+22	1,398107E+22
-2441	1,799617E+22	2,125313E+22	2,304855E+22	2,304862E+22	2,125306E+22	1,799592E+22	1,398105E+22	1,028453E+22	8,065851E+21	8,066055E+21	1,028504E+22	1,398147E+22
-2440	1,799585E+22	2,125230E+22	2,304736E+22	2,304748E+22	2,125256E+22	1,799602E+22	1,398146E+22	1,028495E+22	8,066108E+21	8,066046E+21	1,028470E+22	1,398094E+22
-2439	1,799535E+22	2,125230E+22	2,304801E+22	2,304796E+22	2,125256E+22	1,799601E+22	1,398170E+22	1,028540E+22	8,066618E+21	8,066495E+21	1,028514E+22	1,398161E+22
-2438	1,799623E+22	2,125274E+22	2,304788E+22	2,304754E+22	2,125194E+22	1,799534E+22	1,398122E+22	1,028530E+22	8,066907E+21	8,067073E+21	1,028566E+22	1,398146E+22
-2437	1,799531E+22	2,125152E+22	2,304678E+22	2,304707E+22	2,125206E+22	1,799572E+22	1,398169E+22	1,028572E+22	8,067184E+21	8,067102E+21	1,028545E+22	1,398125E+22
-2436	1,799543E+22	2,125223E+22	2,304766E+22	2,304764E+22	2,125234E+22	1,799576E+22	1,398159E+22	1,028571E+22	8,067363E+21	8,067475E+21	1,028608E+22	1,398214E+22
-2435	1,799613E+22	2,125230E+22	2,304716E+22	2,304680E+22	2,125159E+22	1,799536E+22	1,398143E+22	1,028562E+22	8,067328E+21	8,067475E+21	1,028593E+22	1,398164E+22
-2434	1,799531E+22	2,125135E+22	2,304673E+22	2,304708E+22	2,125207E+22	1,799583E+22	1,398191E+22	1,028602E+22	8,067494E+21	8,067325E+21	1,028557E+22	1,398145E+22
-2433	1,799587E+22	2,125256E+22	2,304767E+22	2,304750E+22	2,125216E+22	1,799566E+22	1,398162E+22	1,028578E+22	8,067418E+21	8,067495E+21	1,028602E+22	1,398187E+22
-2432	1,799573E+22	2,125196E+22	2,304699E+22	2,304692E+22	2,125186E+22	1,799561E+22	1,398164E+22	1,028572E+22	8,067222E+21	8,067153E+21	1,028543E+22	1,398109E+22
-2431	1,799495E+22	2,125155E+22	2,304737E+22	2,304769E+22	2,125241E+22	1,799593E+22	1,398181E+22	1,028579E+22	8,067163E+21	8,067021E+21	1,028545E+22	1,398155E+22
-2430	1,799595E+22	2,125243E+22	2,304761E+22	2,304759E+22	2,125219E+22	1,799550E+22	1,398122E+22	1,028521E+22	8,066815E+21	8,067027E+21	1,028575E+22	1,398166E+22
-2429	1,799549E+22	2,125162E+22	2,304672E+22	2,304704E+22	2,125221E+22	1,799588E+22	1,398158E+22	1,028525E+22	8,066478E+21	8,066379E+21	1,028494E+22	1,398109E+22
-2428	1,799550E+22	2,125238E+22	2,304790E+22	2,304788E+22	2,125256E+22	1,799595E+22	1,398150E+22	1,028514E+22	8,066363E+21	8,066309E+21	1,028510E+22	1,398172E+22
-2427	1,799645E+22	2,125309E+22	2,304811E+22	2,304759E+22	2,125193E+22	1,799530E+22	1,398096E+22	1,028471E+22	8,066078E+21	8,066192E+21	1,028494E+22	1,398116E+22
-2426	1,799550E+22	2,125205E+22	2,304760E+22	2,304791E+22	2,125255E+22	1,799577E+22	1,398130E+22	1,028492E+22	8,066084E+21	8,065941E+21	1,028450E+22	1,398078E+22
-2425	1,799565E+22	2,125297E+22	2,304857E+22	2,304851E+22	2,125291E+22	1,799584E+22	1,398112E+22	1,028473E+22	8,066080E+21	8,066209E+21	1,028514E+22	1,398160E+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												
-2424	1,799595E+22	2,125255E+22	2,304785E+22	2,304778E+22	2,125244E+22	1,799571E+22	1,398112E+22	1,028469E+22	8,066008E+21	8,066090E+21	1,028480E+22	1,398100E+22
-2423	1,799521E+22	2,125176E+22	2,304756E+22	2,304800E+22	2,125278E+22	1,799614E+22	1,398166E+22	1,028523E+22	8,066376E+21	8,066236E+21	1,028486E+22	1,398127E+22
-2422	1,799606E+22	2,125280E+22	2,304790E+22	2,304778E+22	2,125234E+22	1,799564E+22	1,398128E+22	1,028515E+22	8,066633E+21	8,066782E+21	1,028555E+22	1,398164E+22
-2421	1,799571E+22	2,125197E+22	2,304691E+22	2,304688E+22	2,125189E+22	1,799569E+22	1,398165E+22	1,028553E+22	8,066906E+21	8,066809E+21	1,028518E+22	1,398101E+22
-2420	1,799509E+22	2,125186E+22	2,304748E+22	2,304752E+22	2,125220E+22	1,799579E+22	1,398182E+22	1,028594E+22	8,067431E+21	8,067345E+21	1,028576E+22	1,398177E+22
-2419	1,799603E+22	2,125245E+22	2,304746E+22	2,304707E+22	2,125153E+22	1,799510E+22	1,398125E+22	1,028566E+22	8,067537E+21	8,067790E+21	1,028628E+22	1,398183E+22
-2418	1,799528E+22	2,125113E+22	2,304627E+22	2,304666E+22	2,125178E+22	1,799560E+22	1,398178E+22	1,028609E+22	8,067790E+21	8,067745E+21	1,028593E+22	1,398144E+22
-2417	1,799532E+22	2,125180E+22	2,304704E+22	2,304710E+22	2,125202E+22	1,799573E+22	1,398187E+22	1,028623E+22	8,068000E+21	8,068073E+21	1,028652E+22	1,398235E+22
-2416	1,799608E+22	2,125196E+22	2,304667E+22	2,304642E+22	2,125134E+22	1,799530E+22	1,398166E+22	1,028611E+22	8,067943E+21	8,068011E+21	1,028621E+22	1,398162E+22
-2415	1,799513E+22	2,125108E+22	2,304633E+22	2,304667E+22	2,125175E+22	1,799577E+22	1,398219E+22	1,028657E+22	8,068140E+21	8,067909E+21	1,028595E+22	1,398147E+22
-2414	1,799549E+22	2,125206E+22	2,304715E+22	2,304701E+22	2,125169E+22	1,799536E+22	1,398168E+22	1,028622E+22	8,068076E+21	8,068173E+21	1,028655E+22	1,398207E+22
-2413	1,799547E+22	2,125139E+22	2,304635E+22	2,304638E+22	2,125147E+22	1,799546E+22	1,398175E+22	1,028606E+22	8,067755E+21	8,067730E+21	1,028590E+22	1,398133E+22
-2412	1,799485E+22	2,125107E+22	2,304665E+22	2,304708E+22	2,125209E+22	1,799587E+22	1,398197E+22	1,028613E+22	8,067658E+21	8,067554E+21	1,028589E+22	1,398180E+22
-2411	1,799604E+22	2,125238E+22	2,304718E+22	2,304695E+22	2,125163E+22	1,799524E+22	1,398126E+22	1,028548E+22	8,067204E+21	8,067420E+21	1,028606E+22	1,398191E+22
-2410	1,799563E+22	2,125166E+22	2,304654E+22	2,304665E+22	2,125177E+22	1,799559E+22	1,398157E+22	1,028555E+22	8,066961E+21	8,066818E+21	1,028515E+22	1,398104E+22
-2409	1,799530E+22	2,125221E+22	2,304771E+22	2,304762E+22	2,125225E+22	1,799574E+22	1,398159E+22	1,028554E+22	8,066930E+21	8,066846E+21	1,028543E+22	1,398174E+22
-2408	1,799617E+22	2,125267E+22	2,304784E+22	2,304761E+22	2,125195E+22	1,799523E+22	1,398103E+22	1,028505E+22	8,066616E+21	8,066726E+21	1,028528E+22	1,398119E+22
-2407	1,799523E+22	2,125162E+22	2,304713E+22	2,304765E+22	2,125252E+22	1,799590E+22	1,398158E+22	1,028536E+22	8,066644E+21	8,066510E+21	1,028498E+22	1,398098E+22
-2406	1,799535E+22	2,125237E+22	2,304785E+22	2,304789E+22	2,125251E+22	1,799576E+22	1,398137E+22	1,028525E+22	8,066736E+21	8,066856E+21	1,028566E+22	1,398188E+22
-2405	1,799587E+22	2,125209E+22	2,304713E+22	2,304706E+22	2,125195E+22	1,799564E+22	1,398145E+22	1,028527E+22	8,066707E+21	8,066740E+21	1,028524E+22	1,398117E+22
-2404	1,799514E+22	2,125145E+22	2,304690E+22	2,304725E+22	2,125224E+22	1,799599E+22	1,398194E+22	1,028586E+22	8,067194E+21	8,067015E+21	1,028536E+22	1,398136E+22
-2403	1,799589E+22	2,125263E+22	2,304753E+22	2,304716E+22	2,125166E+22	1,799522E+22	1,398133E+22	1,028563E+22	8,067385E+21	8,067563E+21	1,028613E+22	1,398189E+22
-2402	1,799557E+22	2,125163E+22	2,304653E+22	2,304651E+22	2,125149E+22	1,799532E+22	1,398156E+22	1,028594E+22	8,067668E+21	8,067626E+21	1,028578E+22	1,398120E+22
-2401	1,799482E+22	2,125129E+22	2,304682E+22	2,304699E+22	2,125187E+22	1,799564E+22	1,398191E+22	1,028637E+22	8,068119E+21	8,068094E+21	1,028639E+22	1,398213E+22
-2400	1,799592E+22	2,125190E+22	2,304681E+22	2,304670E+22	2,125136E+22	1,799507E+22	1,398144E+22	1,028608E+22	8,068119E+21	8,068369E+21	1,028670E+22	1,398207E+22
-2399	1,799532E+22	2,125091E+22	2,304574E+22	2,304610E+22	2,125146E+22	1,799563E+22	1,398213E+22	1,028664E+22	8,068385E+21	8,068275E+21	1,028630E+22	1,398157E+22
-2398	1,799513E+22	2,125148E+22	2,304654E+22	2,304644E+22	2,125143E+22	1,799551E+22	1,398209E+22	1,028680E+22	8,068704E+21	8,068695E+21	1,028689E+22	1,398240E+22
-2397	1,799584E+22	2,125159E+22	2,304627E+22	2,304597E+22	2,125093E+22	1,799515E+22	1,398187E+22	1,028662E+22	8,068624E+21	8,068656E+21	1,028659E+22	1,398161E+22
-2396	1,799480E+22	2,125060E+22	2,304577E+22	2,304623E+22	2,125151E+22	1,799569E+22	1,398233E+22	1,028702E+22	8,068804E+21	8,068606E+21	1,028645E+22	1,398157E+22
-2395	1,799524E+22	2,125170E+22	2,304664E+22	2,304647E+22	2,125130E+22	1,799518E+22	1,398171E+22	1,028650E+22	8,068554E+21	8,068723E+21	1,028704E+22	1,398242E+22
-2394	1,799548E+22	2,125106E+22	2,304586E+22	2,304592E+22	2,125112E+22	1,799526E+22	1,398176E+22	1,028634E+22	8,068231E+21	8,068213E+21	1,028625E+22	1,398151E+22
-2393	1,799482E+22	2,125079E+22	2,304613E+22	2,304651E+22	2,125170E+22	1,799572E+22	1,398212E+22	1,028652E+22	8,068149E+21	8,068010E+21	1,028622E+22	1,398198E+22
-2392	1,799604E+22	2,125221E+22	2,304694E+22	2,304669E+22	2,125136E+22	1,799508E+22	1,398138E+22	1,028584E+22	8,067692E+21	8,067846E+21	1,028627E+22	1,398189E+22
-2391	1,799551E+22	2,125156E+22	2,304640E+22	2,304644E+22	2,125154E+22	1,799549E+22	1,398174E+22	1,028596E+22	8,067490E+21	8,067332E+21	1,028551E+22	1,398106E+22
-2390	1,799491E+22	2,125173E+22	2,304730E+22	2,304729E+22	2,125197E+22	1,799554E+22	1,398165E+22	1,028593E+22	8,067537E+21	8,067480E+21	1,028591E+22	1,398192E+22
-2389	1,799591E+22	2,125211E+22	2,304723E+22	2,304713E+22	2,125174E+22	1,799525E+22	1,398123E+22	1,028543E+22	8,067183E+21	8,067329E+21	1,028573E+22	1,398138E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799509E+22	2,125112E+22	2,304636E+22	2,304700E+22	2,125223E+22	1,799594E+22	1,398187E+22	1,028586E+22	8,067290E+21	8,067161E+21	1,028546E+22	1,398119E+22
-2387	1,799533E+22	2,125215E+22	2,304727E+22	2,304713E+22	2,125192E+22	1,799553E+22	1,398154E+22	1,028572E+22	8,067359E+21	8,067459E+21	1,028610E+22	1,398213E+22
-2386	1,799588E+22	2,125189E+22	2,304671E+22	2,304647E+22	2,125138E+22	1,799528E+22	1,398150E+22	1,028576E+22	8,067449E+21	8,067432E+21	1,028565E+22	1,398122E+22
-2385	1,799488E+22	2,125107E+22	2,304647E+22	2,304676E+22	2,125177E+22	1,799570E+22	1,398204E+22	1,028638E+22	8,067959E+21	8,067791E+21	1,028593E+22	1,398156E+22
-2384	1,799566E+22	2,125211E+22	2,304708E+22	2,304690E+22	2,125144E+22	1,799504E+22	1,398138E+22	1,028604E+22	8,068051E+21	8,068267E+21	1,028665E+22	1,398209E+22
-2383	1,799541E+22	2,125123E+22	2,304600E+22	2,304607E+22	2,125127E+22	1,799533E+22	1,398179E+22	1,028639E+22	8,068280E+21	8,068292E+21	1,028636E+22	1,398149E+22
-2382	1,799465E+22	2,125077E+22	2,304614E+22	2,304636E+22	2,125144E+22	1,799551E+22	1,398212E+22	1,028688E+22	8,068799E+21	8,068762E+21	1,028689E+22	1,398242E+22
-2381	1,799593E+22	2,125155E+22	2,304616E+22	2,304599E+22	2,125094E+22	1,799506E+22	1,398177E+22	1,028664E+22	8,068818E+21	8,068995E+21	1,028706E+22	1,398213E+22
-2380	1,799520E+22	2,125064E+22	2,304523E+22	2,304548E+22	2,125103E+22	1,799556E+22	1,398245E+22	1,028727E+22	8,069179E+21	8,069001E+21	1,028671E+22	1,398156E+22
-2379	1,799486E+22	2,125120E+22	2,304620E+22	2,304595E+22	2,125089E+22	1,799517E+22	1,398217E+22	1,028727E+22	8,069401E+21	8,069398E+21	1,028738E+22	1,398254E+22
-2378	1,799558E+22	2,125112E+22	2,304582E+22	2,304561E+22	2,125060E+22	1,799486E+22	1,398182E+22	1,028699E+22	8,069288E+21	8,069350E+21	1,028709E+22	1,398176E+22
-2377	1,799451E+22	2,125001E+22	2,304510E+22	2,304566E+22	2,125119E+22	1,799558E+22	1,398244E+22	1,028736E+22	8,069354E+21	8,069218E+21	1,028698E+22	1,398191E+22
-2376	1,799520E+22	2,125121E+22	2,304606E+22	2,304603E+22	2,125103E+22	1,799510E+22	1,398183E+22	1,028680E+22	8,068983E+21	8,069150E+21	1,028735E+22	1,398262E+22
-2375	1,799561E+22	2,125099E+22	2,304551E+22	2,304543E+22	2,125078E+22	1,799519E+22	1,398196E+22	1,028673E+22	8,068667E+21	8,068622E+21	1,028655E+22	1,398161E+22
-2374	1,799471E+22	2,125061E+22	2,304586E+22	2,304606E+22	2,125120E+22	1,799544E+22	1,398219E+22	1,028692E+22	8,068703E+21	8,068515E+21	1,028651E+22	1,398203E+22
-2373	1,799588E+22	2,125193E+22	2,304669E+22	2,304642E+22	2,125114E+22	1,799500E+22	1,398151E+22	1,028622E+22	8,068245E+21	8,068392E+21	1,028659E+22	1,398187E+22
-2372	1,799523E+22	2,125116E+22	2,304600E+22	2,304617E+22	2,125146E+22	1,799553E+22	1,398192E+22	1,028636E+22	8,068074E+21	8,067957E+21	1,028596E+22	1,398116E+22
-2371	1,799466E+22	2,125131E+22	2,304680E+22	2,304682E+22	2,125167E+22	1,799547E+22	1,398178E+22	1,028625E+22	8,068032E+21	8,068033E+21	1,028637E+22	1,398221E+22
-2370	1,799588E+22	2,125172E+22	2,304669E+22	2,304663E+22	2,125143E+22	1,799513E+22	1,398135E+22	1,028584E+22	8,067769E+21	8,067894E+21	1,028612E+22	1,398155E+22
-2369	1,799501E+22	2,125076E+22	2,304571E+22	2,304623E+22	2,125173E+22	1,799582E+22	1,398210E+22	1,028638E+22	8,067951E+21	8,067786E+21	1,028589E+22	1,398137E+22
-2368	1,799523E+22	2,125179E+22	2,304685E+22	2,304665E+22	2,125145E+22	1,799531E+22	1,398169E+22	1,028622E+22	8,068038E+21	8,068092E+21	1,028647E+22	1,398220E+22
-2367	1,799574E+22	2,125165E+22	2,304641E+22	2,304608E+22	2,125097E+22	1,799504E+22	1,398163E+22	1,028626E+22	8,068146E+21	8,068169E+21	1,028622E+22	1,398138E+22
-2366	1,799454E+22	2,125049E+22	2,304589E+22	2,304623E+22	2,125132E+22	1,799539E+22	1,398205E+22	1,028682E+22	8,068688E+21	8,068577E+21	1,028656E+22	1,398188E+22
-2365	1,799553E+22	2,125157E+22	2,304639E+22	2,304627E+22	2,125113E+22	1,799503E+22	1,398158E+22	1,028647E+22	8,068706E+21	8,068969E+21	1,028718E+22	1,398235E+22
-2364	1,799537E+22	2,125085E+22	2,304535E+22	2,304540E+22	2,125090E+22	1,799533E+22	1,398210E+22	1,028694E+22	8,068984E+21	8,068981E+21	1,028682E+22	1,398166E+22
-2363	1,799464E+22	2,125059E+22	2,304565E+22	2,304566E+22	2,125088E+22	1,799531E+22	1,398233E+22	1,028740E+22	8,069475E+21	8,069394E+21	1,028728E+22	1,398254E+22
-2362	1,799584E+22	2,125134E+22	2,304585E+22	2,304555E+22	2,125049E+22	1,799477E+22	1,398186E+22	1,028719E+22	8,069592E+21	8,069689E+21	1,028743E+22	1,398208E+22
-2361	1,799482E+22	2,125015E+22	2,304477E+22	2,304505E+22	2,125069E+22	1,799539E+22	1,398261E+22	1,028780E+22	8,069928E+21	8,069756E+21	1,028725E+22	1,398170E+22
-2360	1,799451E+22	2,125052E+22	2,304568E+22	2,304568E+22	2,125072E+22	1,799509E+22	1,398229E+22	1,028766E+22	8,070001E+21	8,070034E+21	1,028785E+22	1,398272E+22
-2359	1,799543E+22	2,125066E+22	2,304527E+22	2,304514E+22	2,125036E+22	1,799487E+22	1,398204E+22	1,028738E+22	8,069788E+21	8,069924E+21	1,028763E+22	1,398205E+22
-2358	1,799440E+22	2,124953E+22	2,304444E+22	2,304500E+22	2,125071E+22	1,799539E+22	1,398257E+22	1,028776E+22	8,069886E+21	8,069752E+21	1,028741E+22	1,398221E+22
-2357	1,799532E+22	2,125101E+22	2,304554E+22	2,304535E+22	2,125061E+22	1,799505E+22	1,398203E+22	1,028720E+22	8,069506E+21	8,069636E+21	1,028763E+22	1,398267E+22
-2356	1,799557E+22	2,125090E+22	2,304527E+22	2,304499E+22	2,125040E+22	1,799507E+22	1,398215E+22	1,028718E+22	8,069267E+21	8,069190E+21	1,028687E+22	1,398161E+22
-2355	1,799456E+22	2,125045E+22	2,304568E+22	2,304578E+22	2,125083E+22	1,799515E+22	1,398218E+22	1,028723E+22	8,069225E+21	8,069072E+21	1,028691E+22	1,398215E+22
-2354	1,799569E+22	2,125153E+22	2,304631E+22	2,304617E+22	2,125096E+22	1,799481E+22	1,398147E+22	1,028651E+22	8,068778E+21	8,068940E+21	1,028698E+22	1,398197E+22
-2353	1,799497E+22	2,125060E+22	2,304539E+22	2,304566E+22	2,125124E+22	1,799555E+22	1,398211E+22	1,028672E+22	8,068579E+21	8,068504E+21	1,028643E+22	1,398145E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799459E+22	2,125078E+22	2,304623E+22	2,304634E+22	2,125135E+22	1,799543E+22	1,398200E+22	1,028665E+22	8,068516E+21	8,068486E+21	1,028667E+22	1,398231E+22
-2351	1,799587E+22	2,125153E+22	2,304626E+22	2,304603E+22	2,125097E+22	1,799504E+22	1,398162E+22	1,028633E+22	8,068335E+21	8,068442E+21	1,028652E+22	1,398162E+22
-2350	1,799480E+22	2,125042E+22	2,304530E+22	2,304564E+22	2,125111E+22	1,799546E+22	1,398219E+22	1,028688E+22	8,068673E+21	8,068485E+21	1,028635E+22	1,398150E+22
-2349	1,799508E+22	2,125140E+22	2,304636E+22	2,304612E+22	2,125107E+22	1,799515E+22	1,398180E+22	1,028667E+22	8,068754E+21	8,068833E+21	1,028697E+22	1,398229E+22
-2348	1,799552E+22	2,125121E+22	2,304590E+22	2,304563E+22	2,125071E+22	1,799498E+22	1,398179E+22	1,028674E+22	8,068872E+21	8,068948E+21	1,028681E+22	1,398162E+22
-2347	1,799443E+22	2,125008E+22	2,304535E+22	2,304568E+22	2,125090E+22	1,799521E+22	1,398217E+22	1,028723E+22	8,069311E+21	8,069254E+21	1,028711E+22	1,398221E+22
-2346	1,799554E+22	2,125120E+22	2,304584E+22	2,304575E+22	2,125076E+22	1,799487E+22	1,398174E+22	1,028699E+22	8,069410E+21	8,069618E+21	1,028760E+22	1,398248E+22
-2345	1,799525E+22	2,125050E+22	2,304480E+22	2,304475E+22	2,125047E+22	1,799528E+22	1,398242E+22	1,028755E+22	8,069750E+21	8,069701E+21	1,028730E+22	1,398179E+22
-2344	1,799441E+22	2,125013E+22	2,304528E+22	2,304527E+22	2,125048E+22	1,799516E+22	1,398256E+22	1,028797E+22	8,070224E+21	8,070097E+21	1,028769E+22	1,398252E+22
-2343	1,799554E+22	2,125092E+22	2,304547E+22	2,304519E+22	2,125018E+22	1,799465E+22	1,398206E+22	1,028771E+22	8,070305E+21	8,070462E+21	1,028805E+22	1,398223E+22
-2342	1,799443E+22	2,124943E+22	2,304405E+22	2,304444E+22	2,125026E+22	1,799517E+22	1,398267E+22	1,028823E+22	8,070623E+21	8,070509E+21	1,028788E+22	1,398206E+22
-2341	1,799445E+22	2,124994E+22	2,304484E+22	2,304491E+22	2,125036E+22	1,799510E+22	1,398249E+22	1,028805E+22	8,070571E+21	8,070642E+21	1,028833E+22	1,398300E+22
-2340	1,799550E+22	2,125039E+22	2,304467E+22	2,304447E+22	2,124992E+22	1,799478E+22	1,398227E+22	1,028783E+22	8,070351E+21	8,070465E+21	1,028801E+22	1,398225E+22
-2339	1,799452E+22	2,124948E+22	2,304411E+22	2,304442E+22	2,125012E+22	1,799508E+22	1,398262E+22	1,028810E+22	8,070372E+21	8,070212E+21	1,028771E+22	1,398232E+22
-2338	1,799533E+22	2,125096E+22	2,304545E+22	2,304512E+22	2,125023E+22	1,799472E+22	1,398202E+22	1,028757E+22	8,070056E+21	8,070129E+21	1,028788E+22	1,398259E+22
-2337	1,799529E+22	2,125058E+22	2,304503E+22	2,304479E+22	2,125022E+22	1,799496E+22	1,398223E+22	1,028751E+22	8,069783E+21	8,069735E+21	1,028727E+22	1,398167E+22
-2336	1,799423E+22	2,124989E+22	2,304533E+22	2,304564E+22	2,125077E+22	1,799517E+22	1,398231E+22	1,028752E+22	8,069656E+21	8,069526E+21	1,028723E+22	1,398220E+22
-2335	1,799550E+22	2,125112E+22	2,304588E+22	2,304585E+22	2,125083E+22	1,799490E+22	1,398173E+22	1,028687E+22	8,069209E+21	8,069419E+21	1,028740E+22	1,398214E+22
-2334	1,799479E+22	2,125007E+22	2,304469E+22	2,304499E+22	2,125076E+22	1,799541E+22	1,398231E+22	1,028719E+22	8,069159E+21	8,069048E+21	1,028682E+22	1,398166E+22
-2333	1,799462E+22	2,125045E+22	2,304556E+22	2,304556E+22	2,125087E+22	1,799539E+22	1,398226E+22	1,028716E+22	8,069165E+21	8,069087E+21	1,028703E+22	1,398234E+22
-2332	1,799574E+22	2,125129E+22	2,304589E+22	2,304549E+22	2,125043E+22	1,799481E+22	1,398181E+22	1,028689E+22	8,069084E+21	8,069176E+21	1,028700E+22	1,398172E+22
-2331	1,799463E+22	2,125009E+22	2,304492E+22	2,304520E+22	2,125058E+22	1,799505E+22	1,398213E+22	1,028725E+22	8,069338E+21	8,069229E+21	1,028694E+22	1,398176E+22
-2330	1,799496E+22	2,125098E+22	2,304588E+22	2,304573E+22	2,125074E+22	1,799486E+22	1,398176E+22	1,028704E+22	8,069415E+21	8,069540E+21	1,028752E+22	1,398252E+22
-2329	1,799537E+22	2,125071E+22	2,304526E+22	2,304506E+22	2,125039E+22	1,799495E+22	1,398199E+22	1,028717E+22	8,069501E+21	8,069624E+21	1,028737E+22	1,398193E+22
-2328	1,799439E+22	2,124965E+22	2,304484E+22	2,304521E+22	2,125056E+22	1,799518E+22	1,398244E+22	1,028773E+22	8,069932E+21	8,069826E+21	1,028746E+22	1,398229E+22
-2327	1,799548E+22	2,125100E+22	2,304547E+22	2,304526E+22	2,125038E+22	1,799482E+22	1,398208E+22	1,028758E+22	8,070108E+21	8,070287E+21	1,028805E+22	1,398250E+22
-2326	1,799491E+22	2,124999E+22	2,304431E+22	2,304423E+22	2,124995E+22	1,799504E+22	1,398262E+22	1,028817E+22	8,070580E+21	8,070497E+21	1,028783E+22	1,398193E+22
-2325	1,799417E+22	2,124955E+22	2,304457E+22	2,304469E+22	2,125018E+22	1,799514E+22	1,398278E+22	1,028850E+22	8,070995E+21	8,070894E+21	1,028826E+22	1,398263E+22
-2324	1,799524E+22	2,125036E+22	2,304480E+22	2,304461E+22	2,124986E+22	1,799462E+22	1,398230E+22	1,028822E+22	8,071022E+21	8,071220E+21	1,028865E+22	1,398255E+22
-2323	1,799441E+22	2,124902E+22	2,304340E+22	2,304377E+22	2,124972E+22	1,799492E+22	1,398276E+22	1,028860E+22	8,071188E+21	8,071123E+21	1,028841E+22	1,398244E+22
-2322	1,799461E+22	2,124973E+22	2,304430E+22	2,304430E+22	2,124983E+22	1,799478E+22	1,398255E+22	1,028847E+22	8,071142E+21	8,071149E+21	1,028866E+22	1,398310E+22
-2321	1,799548E+22	2,125025E+22	2,304431E+22	2,304394E+22	2,124947E+22	1,799462E+22	1,398244E+22	1,028827E+22	8,070923E+21	8,070995E+21	1,028835E+22	1,398233E+22
-2320	1,799437E+22	2,124927E+22	2,304405E+22	2,304428E+22	2,124979E+22	1,799485E+22	1,398271E+22	1,028847E+22	8,070884E+21	8,070687E+21	1,028796E+22	1,398223E+22
-2319	1,799504E+22	2,125066E+22	2,304526E+22	2,304502E+22	2,125012E+22	1,799465E+22	1,398213E+22	1,028789E+22	8,070535E+21	8,070670E+21	1,028832E+22	1,398263E+22
-2318	1,799486E+22	2,124993E+22	2,304446E+22	2,304442E+22	2,125000E+22	1,799489E+22	1,398233E+22	1,028785E+22	8,070304E+21	8,070293E+21	1,028773E+22	1,398192E+22
-2317	1,799415E+22	2,124934E+22	2,304450E+22	2,304496E+22	2,125054E+22	1,799530E+22	1,398256E+22	1,028790E+22	8,070155E+21	8,070031E+21	1,028760E+22	1,398231E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799541E+22	2,125080E+22	2,304527E+22	2,304520E+22	2,125041E+22	1,799486E+22	1,398202E+22	1,028738E+22	8,069802E+21	8,069952E+21	1,028775E+22	1,398228E+22
-2315	1,799482E+22	2,124991E+22	2,304426E+22	2,304436E+22	2,125010E+22	1,799503E+22	1,398237E+22	1,028760E+22	8,069759E+21	8,069626E+21	1,028722E+22	1,398181E+22
-2314	1,799457E+22	2,125027E+22	2,304526E+22	2,304517E+22	2,125035E+22	1,799493E+22	1,398224E+22	1,028760E+22	8,069832E+21	8,069729E+21	1,028745E+22	1,398238E+22
-2313	1,799548E+22	2,125091E+22	2,304549E+22	2,304515E+22	2,125015E+22	1,799464E+22	1,398188E+22	1,028728E+22	8,069720E+21	8,069880E+21	1,028759E+22	1,398197E+22
-2312	1,799441E+22	2,124960E+22	2,304454E+22	2,304494E+22	2,125038E+22	1,799498E+22	1,398225E+22	1,028759E+22	8,069871E+21	8,069812E+21	1,028741E+22	1,398196E+22
-2311	1,799488E+22	2,125063E+22	2,304543E+22	2,304536E+22	2,125054E+22	1,799491E+22	1,398204E+22	1,028747E+22	8,069967E+21	8,070146E+21	1,028803E+22	1,398274E+22
-2310	1,799523E+22	2,125024E+22	2,304459E+22	2,304443E+22	2,124996E+22	1,799485E+22	1,398227E+22	1,028775E+22	8,070228E+21	8,070297E+21	1,028783E+22	1,398213E+22
-2309	1,799436E+22	2,124931E+22	2,304414E+22	2,304445E+22	2,125014E+22	1,799521E+22	1,398281E+22	1,028839E+22	8,070750E+21	8,070569E+21	1,028789E+22	1,398227E+22
-2308	1,799517E+22	2,125062E+22	2,304503E+22	2,304476E+22	2,124992E+22	1,799466E+22	1,398238E+22	1,028828E+22	8,071005E+21	8,071131E+21	1,028860E+22	1,398263E+22
-2307	1,799465E+22	2,124944E+22	2,304368E+22	2,304366E+22	2,124941E+22	1,799466E+22	1,398266E+22	1,028866E+22	8,071356E+21	8,071327E+21	1,028850E+22	1,398224E+22
-2306	1,799404E+22	2,124901E+22	2,304385E+22	2,304408E+22	2,124970E+22	1,799483E+22	1,398282E+22	1,028894E+22	8,071680E+21	8,071611E+21	1,028884E+22	1,398292E+22
-2305	1,799515E+22	2,124991E+22	2,304408E+22	2,304389E+22	2,124938E+22	1,799448E+22	1,398247E+22	1,028864E+22	8,071607E+21	8,071837E+21	1,028918E+22	1,398287E+22
-2304	1,799442E+22	2,124878E+22	2,304301E+22	2,304326E+22	2,124925E+22	1,799472E+22	1,398288E+22	1,028898E+22	8,071683E+21	8,071573E+21	1,028868E+22	1,398250E+22
-2303	1,799460E+22	2,124973E+22	2,304418E+22	2,304401E+22	2,124948E+22	1,799462E+22	1,398269E+22	1,028886E+22	8,071662E+21	8,071663E+21	1,028898E+22	1,398307E+22
-2302	1,799518E+22	2,124988E+22	2,304402E+22	2,304370E+22	2,124916E+22	1,799439E+22	1,398251E+22	1,028868E+22	8,071530E+21	8,071576E+21	1,028872E+22	1,398238E+22
-2301	1,799413E+22	2,124881E+22	2,304349E+22	2,304396E+22	2,124976E+22	1,799495E+22	1,398288E+22	1,028885E+22	8,071438E+21	8,071256E+21	1,028835E+22	1,398224E+22
-2300	1,799467E+22	2,125015E+22	2,304475E+22	2,304466E+22	2,124999E+22	1,799474E+22	1,398241E+22	1,028833E+22	8,071083E+21	8,071210E+21	1,028873E+22	1,398284E+22
-2299	1,799476E+22	2,124945E+22	2,304380E+22	2,304384E+22	2,124958E+22	1,799473E+22	1,398247E+22	1,028821E+22	8,070794E+21	8,070800E+21	1,028815E+22	1,398221E+22
-2298	1,799423E+22	2,124909E+22	2,304388E+22	2,304430E+22	2,125002E+22	1,799503E+22	1,398269E+22	1,028834E+22	8,070714E+21	8,070534E+21	1,028793E+22	1,398241E+22
-2297	1,799531E+22	2,125059E+22	2,304482E+22	2,304459E+22	2,124989E+22	1,799465E+22	1,398218E+22	1,028784E+22	8,070416E+21	8,070551E+21	1,028817E+22	1,398242E+22
-2296	1,799465E+22	2,124968E+22	2,304410E+22	2,304410E+22	2,124967E+22	1,799470E+22	1,398237E+22	1,028797E+22	8,070331E+21	8,070210E+21	1,028762E+22	1,398189E+22
-2295	1,799439E+22	2,125000E+22	2,304499E+22	2,304497E+22	2,125013E+22	1,799475E+22	1,398225E+22	1,028791E+22	8,070382E+21	8,070382E+21	1,028800E+22	1,398258E+22
-2294	1,799520E+22	2,125033E+22	2,304486E+22	2,304470E+22	2,124987E+22	1,799453E+22	1,398200E+22	1,028767E+22	8,070320E+21	8,070522E+21	1,028812E+22	1,398232E+22
-2293	1,799444E+22	2,124918E+22	2,304375E+22	2,304428E+22	2,125013E+22	1,799510E+22	1,398256E+22	1,028809E+22	8,070492E+21	8,070412E+21	1,028782E+22	1,398208E+22
-2292	1,799475E+22	2,125034E+22	2,304489E+22	2,304475E+22	2,125013E+22	1,799490E+22	1,398244E+22	1,028814E+22	8,070722E+21	8,070788E+21	1,028840E+22	1,398284E+22
-2291	1,799514E+22	2,124996E+22	2,304413E+22	2,304384E+22	2,124936E+22	1,799455E+22	1,398245E+22	1,028835E+22	8,071030E+21	8,071053E+21	1,028831E+22	1,398224E+22
-2290	1,799419E+22	2,124896E+22	2,304362E+22	2,304394E+22	2,124961E+22	1,799483E+22	1,398291E+22	1,028899E+22	8,071585E+21	8,071373E+21	1,028842E+22	1,398231E+22
-2289	1,799476E+22	2,125001E+22	2,304437E+22	2,304423E+22	2,124958E+22	1,799453E+22	1,398254E+22	1,028879E+22	8,071777E+21	8,071954E+21	1,028926E+22	1,398292E+22
-2288	1,799439E+22	2,124890E+22	2,304316E+22	2,304319E+22	2,124903E+22	1,799449E+22	1,398277E+22	1,028906E+22	8,071972E+21	8,071984E+21	1,028903E+22	1,398253E+22
-2287	1,799400E+22	2,124867E+22	2,304331E+22	2,304357E+22	2,124933E+22	1,799470E+22	1,398299E+22	1,028934E+22	8,072245E+21	8,072229E+21	1,028935E+22	1,398316E+22
-2286	1,799506E+22	2,124954E+22	2,304347E+22	2,304326E+22	2,124890E+22	1,799430E+22	1,398265E+22	1,028913E+22	8,072254E+21	8,072438E+21	1,028958E+22	1,398307E+22
-2285	1,799444E+22	2,124860E+22	2,304252E+22	2,304270E+22	2,124891E+22	1,799468E+22	1,398311E+22	1,028947E+22	8,072333E+21	8,072174E+21	1,028900E+22	1,398244E+22
-2284	1,799429E+22	2,124945E+22	2,304394E+22	2,304375E+22	2,124923E+22	1,799451E+22	1,398289E+22	1,028937E+22	8,072335E+21	8,072289E+21	1,028937E+22	1,398316E+22
-2283	1,799492E+22	2,124939E+22	2,304353E+22	2,304337E+22	2,124889E+22	1,799417E+22	1,398251E+22	1,028901E+22	8,072093E+21	8,072192E+21	1,028921E+22	1,398262E+22
-2282	1,799400E+22	2,124835E+22	2,304283E+22	2,304344E+22	2,124945E+22	1,799479E+22	1,398298E+22	1,028920E+22	8,071941E+21	8,071773E+21	1,028876E+22	1,398243E+22
-2281	1,799451E+22	2,124970E+22	2,304407E+22	2,304404E+22	2,124964E+22	1,799471E+22	1,398264E+22	1,028872E+22	8,071570E+21	8,071695E+21	1,028911E+22	1,398306E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799472E+22	2,124926E+22	2,304345E+22	2,304332E+22	2,124910E+22	1,799452E+22	1,398260E+22	1,028858E+22	8,071257E+21	8,071209E+21	1,028839E+22	1,398228E+22
-2279	1,799421E+22	2,124907E+22	2,304372E+22	2,304396E+22	2,124960E+22	1,799478E+22	1,398277E+22	1,028869E+22	8,071234E+21	8,071077E+21	1,028830E+22	1,398245E+22
-2278	1,799504E+22	2,125022E+22	2,304447E+22	2,304425E+22	2,124953E+22	1,799439E+22	1,398222E+22	1,028823E+22	8,071026E+21	8,071178E+21	1,028863E+22	1,398260E+22
-2277	1,799451E+22	2,124929E+22	2,304354E+22	2,304371E+22	2,124959E+22	1,799474E+22	1,398250E+22	1,028832E+22	8,070907E+21	8,070828E+21	1,028807E+22	1,398201E+22
-2276	1,799416E+22	2,124962E+22	2,304456E+22	2,304462E+22	2,124997E+22	1,799480E+22	1,398252E+22	1,028838E+22	8,070992E+21	8,070969E+21	1,028844E+22	1,398286E+22
-2275	1,799518E+22	2,124990E+22	2,304420E+22	2,304411E+22	2,124946E+22	1,799436E+22	1,398216E+22	1,028813E+22	8,070945E+21	8,071128E+21	1,028856E+22	1,398257E+22
-2274	1,799448E+22	2,124894E+22	2,304315E+22	2,304360E+22	2,124960E+22	1,799487E+22	1,398281E+22	1,028871E+22	8,071234E+21	8,071070E+21	1,028821E+22	1,398212E+22
-2273	1,799448E+22	2,124998E+22	2,304441E+22	2,304415E+22	2,124962E+22	1,799473E+22	1,398271E+22	1,028878E+22	8,071550E+21	8,071577E+21	1,028891E+22	1,398291E+22
-2272	1,799475E+22	2,124950E+22	2,304377E+22	2,304343E+22	2,124890E+22	1,799424E+22	1,398254E+22	1,028886E+22	8,071802E+21	8,071840E+21	1,028887E+22	1,398238E+22
-2271	1,799391E+22	2,124847E+22	2,304308E+22	2,304350E+22	2,124931E+22	1,799464E+22	1,398297E+22	1,028938E+22	8,072289E+21	8,072199E+21	1,028911E+22	1,398261E+22
-2270	1,799449E+22	2,124930E+22	2,304350E+22	2,304350E+22	2,124913E+22	1,799437E+22	1,398267E+22	1,028924E+22	8,072465E+21	8,072691E+21	1,028988E+22	1,398335E+22
-2269	1,799449E+22	2,124850E+22	2,304230E+22	2,304240E+22	2,124866E+22	1,799447E+22	1,398299E+22	1,028954E+22	8,072612E+21	8,072608E+21	1,028946E+22	1,398270E+22
-2268	1,799398E+22	2,124851E+22	2,304292E+22	2,304301E+22	2,124888E+22	1,799456E+22	1,398325E+22	1,028991E+22	8,072932E+21	8,072811E+21	1,028969E+22	1,398329E+22
-2267	1,799501E+22	2,124931E+22	2,304314E+22	2,304281E+22	2,124840E+22	1,799398E+22	1,398272E+22	1,028959E+22	8,072920E+21	8,073076E+21	1,028998E+22	1,398316E+22
-2266	1,799430E+22	2,124834E+22	2,304219E+22	2,304239E+22	2,124858E+22	1,799443E+22	1,398320E+22	1,028993E+22	8,072965E+21	8,072798E+21	1,028941E+22	1,398245E+22
-2265	1,799389E+22	2,124892E+22	2,304346E+22	2,304340E+22	2,124909E+22	1,799454E+22	1,398308E+22	1,028976E+22	8,072899E+21	8,072894E+21	1,028984E+22	1,398332E+22
-2264	1,799465E+22	2,124892E+22	2,304311E+22	2,304299E+22	2,124866E+22	1,799414E+22	1,398267E+22	1,028933E+22	8,072536E+21	8,072654E+21	1,028957E+22	1,398282E+22
-2263	1,799398E+22	2,124807E+22	2,304233E+22	2,304294E+22	2,124915E+22	1,799473E+22	1,398314E+22	1,028953E+22	8,072397E+21	8,072260E+21	1,028912E+22	1,398258E+22
-2262	1,799439E+22	2,124932E+22	2,304346E+22	2,304336E+22	2,124917E+22	1,799455E+22	1,398282E+22	1,028918E+22	8,072147E+21	8,072217E+21	1,028945E+22	1,398323E+22
-2261	1,799473E+22	2,124908E+22	2,304301E+22	2,304279E+22	2,124872E+22	1,799438E+22	1,398275E+22	1,028903E+22	8,071870E+21	8,071793E+21	1,028874E+22	1,398227E+22
-2260	1,799393E+22	2,124878E+22	2,304351E+22	2,304371E+22	2,124930E+22	1,799457E+22	1,398286E+22	1,028914E+22	8,071870E+21	8,071692E+21	1,028873E+22	1,398264E+22
-2259	1,799486E+22	2,124975E+22	2,304398E+22	2,304387E+22	2,124922E+22	1,799414E+22	1,398218E+22	1,028853E+22	8,071594E+21	8,071819E+21	1,028915E+22	1,398291E+22
-2258	1,799450E+22	2,124895E+22	2,304295E+22	2,304314E+22	2,124920E+22	1,799457E+22	1,398262E+22	1,028870E+22	8,071441E+21	8,071390E+21	1,028850E+22	1,398219E+22
-2257	1,799401E+22	2,124921E+22	2,304394E+22	2,304400E+22	2,124963E+22	1,799479E+22	1,398279E+22	1,028886E+22	8,071596E+21	8,071546E+21	1,028883E+22	1,398299E+22
-2256	1,799505E+22	2,124969E+22	2,304390E+22	2,304362E+22	2,124902E+22	1,799418E+22	1,398235E+22	1,028863E+22	8,071592E+21	8,071710E+21	1,028889E+22	1,398260E+22
-2255	1,799430E+22	2,124872E+22	2,304286E+22	2,304319E+22	2,124920E+22	1,799466E+22	1,398295E+22	1,028920E+22	8,071977E+21	8,071837E+21	1,028872E+22	1,398216E+22
-2254	1,799404E+22	2,124929E+22	2,304377E+22	2,304365E+22	2,124926E+22	1,799455E+22	1,398286E+22	1,028933E+22	8,072358E+21	8,072411E+21	1,028953E+22	1,398316E+22
-2253	1,799454E+22	2,124890E+22	2,304296E+22	2,304281E+22	2,124867E+22	1,799424E+22	1,398274E+22	1,028936E+22	8,072544E+21	8,072634E+21	1,028948E+22	1,398262E+22
-2252	1,799369E+22	2,124796E+22	2,304246E+22	2,304289E+22	2,124893E+22	1,799458E+22	1,398324E+22	1,028992E+22	8,072997E+21	8,072892E+21	1,028966E+22	1,398302E+22
-2251	1,799456E+22	2,124888E+22	2,304278E+22	2,304274E+22	2,124857E+22	1,799411E+22	1,398279E+22	1,028972E+22	8,073145E+21	8,073367E+21	1,029037E+22	1,398365E+22
-2250	1,799464E+22	2,124839E+22	2,304182E+22	2,304169E+22	2,124803E+22	1,799418E+22	1,398318E+22	1,029009E+22	8,073308E+21	8,073248E+21	1,028984E+22	1,398275E+22
-2249	1,799378E+22	2,124827E+22	2,304263E+22	2,304259E+22	2,124847E+22	1,799439E+22	1,398344E+22	1,029044E+22	8,073650E+21	8,073505E+21	1,029012E+22	1,398332E+22
-2248	1,799468E+22	2,124897E+22	2,304295E+22	2,304261E+22	2,124815E+22	1,799377E+22	1,398277E+22	1,028998E+22	8,073528E+21	8,073698E+21	1,029041E+22	1,398325E+22
-2247	1,799403E+22	2,124791E+22	2,304179E+22	2,304210E+22	2,124845E+22	1,799439E+22	1,398328E+22	1,029022E+22	8,073499E+21	8,073431E+21	1,028992E+22	1,398265E+22
-2246	1,799360E+22	2,124821E+22	2,304268E+22	2,304279E+22	2,124879E+22	1,799454E+22	1,398330E+22	1,029016E+22	8,073426E+21	8,073436E+21	1,029027E+22	1,398358E+22
-2245	1,799467E+22	2,124853E+22	2,304235E+22	2,304229E+22	2,124836E+22	1,799417E+22	1,398292E+22	1,028976E+22	8,073059E+21	8,073136E+21	1,028987E+22	1,398288E+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°
-2244	1,799391E+22	2,124793E+22	2,304204E+22	2,304242E+22	2,124869E+22	1,799458E+22	1,398335E+22	1,029002E+22	8,072985E+21	8,072749E+21	1,028941E+22	1,398271E+22
-2243	1,799435E+22	2,124905E+22	2,304310E+22	2,304288E+22	2,124863E+22	1,799416E+22	1,398279E+22	1,028954E+22	8,072737E+21	8,072808E+21	1,028983E+22	1,398334E+22
-2242	1,799465E+22	2,124883E+22	2,304269E+22	2,304244E+22	2,124834E+22	1,799408E+22	1,398275E+22	1,028937E+22	8,072415E+21	8,072381E+21	1,028917E+22	1,398237E+22
-2241	1,799366E+22	2,124835E+22	2,304312E+22	2,304339E+22	2,124913E+22	1,799453E+22	1,398297E+22	1,028945E+22	8,072378E+21	8,072269E+21	1,028920E+22	1,398283E+22
-2240	1,799468E+22	2,124937E+22	2,304362E+22	2,304350E+22	2,124897E+22	1,799407E+22	1,398231E+22	1,028884E+22	8,072044E+21	8,072291E+21	1,028952E+22	1,398310E+22
-2239	1,799451E+22	2,124872E+22	2,304254E+22	2,304268E+22	2,124895E+22	1,799455E+22	1,398280E+22	1,028908E+22	8,071991E+21	8,071966E+21	1,028889E+22	1,398230E+22
-2238	1,799382E+22	2,124875E+22	2,304333E+22	2,304332E+22	2,124917E+22	1,799471E+22	1,398308E+22	1,028944E+22	8,072321E+21	8,072217E+21	1,028923E+22	1,398306E+22
-2237	1,799488E+22	2,124930E+22	2,304333E+22	2,304307E+22	2,124867E+22	1,799409E+22	1,398259E+22	1,028923E+22	8,072392E+21	8,072483E+21	1,028937E+22	1,398262E+22
-2236	1,799394E+22	2,124822E+22	2,304241E+22	2,304275E+22	2,124883E+22	1,799447E+22	1,398312E+22	1,028979E+22	8,072801E+21	8,072645E+21	1,028933E+22	1,398248E+22
-2235	1,799386E+22	2,124859E+22	2,304294E+22	2,304293E+22	2,124877E+22	1,799428E+22	1,398291E+22	1,028977E+22	8,073099E+21	8,073227E+21	1,029021E+22	1,398357E+22
-2234	1,799461E+22	2,124848E+22	2,304221E+22	2,304199E+22	2,124804E+22	1,799400E+22	1,398292E+22	1,028986E+22	8,073210E+21	8,073335E+21	1,029004E+22	1,398291E+22
-2233	1,799368E+22	2,124765E+22	2,304188E+22	2,304219E+22	2,124840E+22	1,799443E+22	1,398347E+22	1,029045E+22	8,073677E+21	8,073550E+21	1,029011E+22	1,398317E+22
-2232	1,799451E+22	2,124879E+22	2,304260E+22	2,304227E+22	2,124806E+22	1,799385E+22	1,398293E+22	1,029020E+22	8,073803E+21	8,073977E+21	1,029073E+22	1,398368E+22
-2231	1,799451E+22	2,124826E+22	2,304171E+22	2,304147E+22	2,124775E+22	1,799399E+22	1,398325E+22	1,029050E+22	8,073991E+21	8,073966E+21	1,029028E+22	1,398273E+22
-2230	1,799335E+22	2,124764E+22	2,304210E+22	2,304226E+22	2,124831E+22	1,799436E+22	1,398363E+22	1,029092E+22	8,074342E+21	8,074211E+21	1,029062E+22	1,398345E+22
-2229	1,799444E+22	2,124838E+22	2,304226E+22	2,304219E+22	2,124810E+22	1,799390E+22	1,398304E+22	1,029043E+22	8,074139E+21	8,074323E+21	1,029087E+22	1,398338E+22
-2228	1,799378E+22	2,124738E+22	2,304121E+22	2,304159E+22	2,124817E+22	1,799441E+22	1,398359E+22	1,029072E+22	8,074081E+21	8,073956E+21	1,029034E+22	1,398295E+22
-2227	1,799360E+22	2,124770E+22	2,304192E+22	2,304204E+22	2,124826E+22	1,799434E+22	1,398345E+22	1,029059E+22	8,074004E+21	8,073992E+21	1,029066E+22	1,398379E+22
-2226	1,799477E+22	2,124841E+22	2,304191E+22	2,304157E+22	2,124765E+22	1,799385E+22	1,398307E+22	1,029021E+22	8,073631E+21	8,073687E+21	1,029022E+22	1,398291E+22
-2225	1,799371E+22	2,124768E+22	2,304178E+22	2,304203E+22	2,124823E+22	1,799430E+22	1,398340E+22	1,029039E+22	8,073564E+21	8,073356E+21	1,028983E+22	1,398277E+22
-2224	1,799413E+22	2,124879E+22	2,304294E+22	2,304268E+22	2,124835E+22	1,799388E+22	1,398269E+22	1,028977E+22	8,073208E+21	8,073348E+21	1,029027E+22	1,398352E+22
-2223	1,799455E+22	2,124854E+22	2,304237E+22	2,304218E+22	2,124820E+22	1,799400E+22	1,398272E+22	1,028954E+22	8,072840E+21	8,072922E+21	1,028962E+22	1,398257E+22
-2222	1,799351E+22	2,124780E+22	2,304246E+22	2,304286E+22	2,124888E+22	1,799457E+22	1,398320E+22	1,028983E+22	8,072860E+21	8,072753E+21	1,028956E+22	1,398302E+22
-2221	1,799471E+22	2,124906E+22	2,304301E+22	2,304294E+22	2,124873E+22	1,799413E+22	1,398262E+22	1,028934E+22	8,072616E+21	8,072786E+21	1,028978E+22	1,398307E+22
-2220	1,799432E+22	2,124848E+22	2,304226E+22	2,304224E+22	2,124853E+22	1,799445E+22	1,398312E+22	1,028970E+22	8,072706E+21	8,072567E+21	1,028926E+22	1,398240E+22
-2219	1,799361E+22	2,124821E+22	2,304277E+22	2,304278E+22	2,124867E+22	1,799442E+22	1,398319E+22	1,028997E+22	8,073105E+21	8,073009E+21	1,028977E+22	1,398319E+22
-2218	1,799469E+22	2,124884E+22	2,304275E+22	2,304246E+22	2,124816E+22	1,799386E+22	1,398275E+22	1,028974E+22	8,073135E+21	8,073286E+21	1,029000E+22	1,398282E+22
-2217	1,799367E+22	2,124765E+22	2,304179E+22	2,304218E+22	2,124844E+22	1,799437E+22	1,398330E+22	1,029026E+22	8,073512E+21	8,073423E+21	1,028997E+22	1,398279E+22
-2216	1,799381E+22	2,124823E+22	2,304241E+22	2,304233E+22	2,124827E+22	1,799406E+22	1,398303E+22	1,029020E+22	8,073725E+21	8,073875E+21	1,029071E+22	1,398386E+22
-2215	1,799472E+22	2,124832E+22	2,304178E+22	2,304145E+22	2,124762E+22	1,799382E+22	1,398304E+22	1,029029E+22	8,073885E+21	8,074027E+21	1,029051E+22	1,398305E+22
-2214	1,799355E+22	2,124730E+22	2,304140E+22	2,304161E+22	2,124793E+22	1,799429E+22	1,398372E+22	1,029103E+22	8,074438E+21	8,074267E+21	1,029056E+22	1,398324E+22
-2213	1,799430E+22	2,124840E+22	2,304216E+22	2,304193E+22	2,124782E+22	1,799376E+22	1,398316E+22	1,029078E+22	8,074575E+21	8,074720E+21	1,029119E+22	1,398367E+22
-2212	1,799410E+22	2,124773E+22	2,304133E+22	2,304122E+22	2,124758E+22	1,799396E+22	1,398348E+22	1,029104E+22	8,074725E+21	8,074684E+21	1,029085E+22	1,398302E+22
-2211	1,799314E+22	2,124686E+22	2,304122E+22	2,304159E+22	2,124793E+22	1,799424E+22	1,398375E+22	1,029133E+22	8,074982E+21	8,074904E+21	1,029117E+22	1,398373E+22
-2210	1,799441E+22	2,124793E+22	2,304147E+22	2,304136E+22	2,124751E+22	1,799376E+22	1,398328E+22	1,029089E+22	8,074691E+21	8,074882E+21	1,029130E+22	1,398358E+22
-2209	1,799373E+22	2,124708E+22	2,304067E+22	2,304092E+22	2,124762E+22	1,799422E+22	1,398377E+22	1,029117E+22	8,074648E+21	8,074492E+21	1,029070E+22	1,398305E+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°
-2208	1,799357E+22	2,124763E+22	2,304169E+22	2,304153E+22	2,124766E+22	1,799396E+22	1,398346E+22	1,029094E+22	8,074514E+21	8,074482E+21	1,029097E+22	1,398385E+22
-2207	1,799470E+22	2,124831E+22	2,304180E+22	2,304139E+22	2,124735E+22	1,799357E+22	1,398298E+22	1,029045E+22	8,074135E+21	8,074260E+21	1,029062E+22	1,398297E+22
-2206	1,799344E+22	2,124722E+22	2,304136E+22	2,304175E+22	2,124807E+22	1,799423E+22	1,398347E+22	1,029069E+22	8,074042E+21	8,073889E+21	1,029026E+22	1,398294E+22
-2205	1,799400E+22	2,124837E+22	2,304243E+22	2,304240E+22	2,124832E+22	1,799397E+22	1,398289E+22	1,029010E+22	8,073655E+21	8,073811E+21	1,029061E+22	1,398362E+22
-2204	1,799440E+22	2,124819E+22	2,304199E+22	2,304186E+22	2,124802E+22	1,799406E+22	1,398302E+22	1,029000E+22	8,073346E+21	8,073354E+21	1,028995E+22	1,398281E+22
-2203	1,799351E+22	2,124735E+22	2,304175E+22	2,304218E+22	2,124842E+22	1,799444E+22	1,398342E+22	1,029033E+22	8,073494E+21	8,073329E+21	1,028991E+22	1,398309E+22
-2202	1,799464E+22	2,124886E+22	2,304257E+22	2,304227E+22	2,124808E+22	1,799392E+22	1,398291E+22	1,028994E+22	8,073331E+21	8,073454E+21	1,029019E+22	1,398306E+22
-2201	1,799398E+22	2,124803E+22	2,304187E+22	2,304182E+22	2,124805E+22	1,799420E+22	1,398328E+22	1,029026E+22	8,073496E+21	8,073374E+21	1,028983E+22	1,398251E+22
-2200	1,799333E+22	2,124775E+22	2,304228E+22	2,304232E+22	2,124824E+22	1,799413E+22	1,398320E+22	1,029038E+22	8,073794E+21	8,073775E+21	1,029041E+22	1,398349E+22
-2199	1,799460E+22	2,124842E+22	2,304217E+22	2,304193E+22	2,124780E+22	1,799368E+22	1,398277E+22	1,029007E+22	8,073777E+21	8,074042E+21	1,029063E+22	1,398315E+22
-2198	1,799359E+22	2,124711E+22	2,304101E+22	2,304146E+22	2,124799E+22	1,799427E+22	1,398352E+22	1,029074E+22	8,074166E+21	8,074089E+21	1,029048E+22	1,398307E+22
-2197	1,799389E+22	2,124798E+22	2,304184E+22	2,304177E+22	2,124790E+22	1,799396E+22	1,398329E+22	1,029077E+22	8,074432E+21	8,074512E+21	1,029110E+22	1,398391E+22
-2196	1,799455E+22	2,124811E+22	2,304155E+22	2,304111E+22	2,124723E+22	1,799367E+22	1,398330E+22	1,029091E+22	8,074654E+21	8,074698E+21	1,029094E+22	1,398318E+22
-2195	1,799331E+22	2,124674E+22	2,304084E+22	2,304117E+22	2,124756E+22	1,799409E+22	1,398386E+22	1,029158E+22	8,075232E+21	8,075067E+21	1,029111E+22	1,398334E+22
-2194	1,799403E+22	2,124792E+22	2,304158E+22	2,304137E+22	2,124741E+22	1,799368E+22	1,398342E+22	1,029130E+22	8,075275E+21	8,075454E+21	1,029175E+22	1,398382E+22
-2193	1,799376E+22	2,124709E+22	2,304066E+22	2,304068E+22	2,124725E+22	1,799394E+22	1,398374E+22	1,029153E+22	8,075377E+21	8,075367E+21	1,029139E+22	1,398326E+22
-2192	1,799306E+22	2,124647E+22	2,304056E+22	2,304093E+22	2,124746E+22	1,799406E+22	1,398389E+22	1,029173E+22	8,075526E+21	8,075453E+21	1,029160E+22	1,398397E+22
-2191	1,799449E+22	2,124777E+22	2,304099E+22	2,304075E+22	2,124702E+22	1,799353E+22	1,398333E+22	1,029123E+22	8,075252E+21	8,075443E+21	1,029167E+22	1,398368E+22
-2190	1,799362E+22	2,124681E+22	2,304025E+22	2,304037E+22	2,124710E+22	1,799397E+22	1,398389E+22	1,029160E+22	8,075236E+21	8,075055E+21	1,029107E+22	1,398314E+22
-2189	1,799344E+22	2,124737E+22	2,304140E+22	2,304134E+22	2,124742E+22	1,799374E+22	1,398351E+22	1,029132E+22	8,075073E+21	8,075035E+21	1,029134E+22	1,398388E+22
-2188	1,799441E+22	2,124795E+22	2,304156E+22	2,304127E+22	2,124725E+22	1,799350E+22	1,398308E+22	1,029079E+22	8,074631E+21	8,074757E+21	1,029106E+22	1,398325E+22
-2187	1,799332E+22	2,124666E+22	2,304068E+22	2,304125E+22	2,124780E+22	1,799416E+22	1,398359E+22	1,029100E+22	8,074519E+21	8,074401E+21	1,029067E+22	1,398315E+22
-2186	1,799400E+22	2,124810E+22	2,304186E+22	2,304173E+22	2,124785E+22	1,799394E+22	1,398321E+22	1,029053E+22	8,074140E+21	8,074262E+21	1,029091E+22	1,398368E+22
-2185	1,799426E+22	2,124793E+22	2,304158E+22	2,304137E+22	2,124761E+22	1,799397E+22	1,398328E+22	1,029051E+22	8,073966E+21	8,073909E+21	1,029027E+22	1,398281E+22
-2184	1,799336E+22	2,124718E+22	2,304142E+22	2,304172E+22	2,124792E+22	1,799414E+22	1,398350E+22	1,029078E+22	8,074145E+21	8,073959E+21	1,029032E+22	1,398313E+22
-2183	1,799440E+22	2,124853E+22	2,304223E+22	2,304199E+22	2,124778E+22	1,799366E+22	1,398289E+22	1,029032E+22	8,074025E+21	8,074208E+21	1,029074E+22	1,398320E+22
-2182	1,799365E+22	2,124742E+22	2,304121E+22	2,304133E+22	2,124775E+22	1,799409E+22	1,398342E+22	1,029070E+22	8,074172E+21	8,074117E+21	1,029046E+22	1,398283E+22
-2181	1,799321E+22	2,124722E+22	2,304157E+22	2,304182E+22	2,124795E+22	1,799405E+22	1,398341E+22	1,029084E+22	8,074430E+21	8,074431E+21	1,029093E+22	1,398375E+22
-2180	1,799452E+22	2,124807E+22	2,304165E+22	2,304144E+22	2,124745E+22	1,799362E+22	1,398305E+22	1,029061E+22	8,074436E+21	8,074651E+21	1,029113E+22	1,398351E+22
-2179	1,799364E+22	2,124676E+22	2,304030E+22	2,304067E+22	2,124739E+22	1,799404E+22	1,398372E+22	1,029130E+22	8,074918E+21	8,074801E+21	1,029094E+22	1,398319E+22
-2178	1,799381E+22	2,124778E+22	2,304142E+22	2,304111E+22	2,124725E+22	1,799374E+22	1,398357E+22	1,029138E+22	8,075220E+21	8,075263E+21	1,029156E+22	1,398392E+22
-2177	1,799418E+22	2,124763E+22	2,304116E+22	2,304080E+22	2,124690E+22	1,799348E+22	1,398347E+22	1,029149E+22	8,075483E+21	8,075533E+21	1,029152E+22	1,398330E+22
-2176	1,799302E+22	2,124624E+22	2,304020E+22	2,304066E+22	2,124720E+22	1,799389E+22	1,398394E+22	1,029200E+22	8,075922E+21	8,075813E+21	1,029171E+22	1,398360E+22
-2175	1,799386E+22	2,124742E+22	2,304091E+22	2,304081E+22	2,124707E+22	1,799357E+22	1,398351E+22	1,029167E+22	8,075898E+21	8,076127E+21	1,029227E+22	1,398408E+22
-2174	1,799365E+22	2,124657E+22	2,303986E+22	2,303991E+22	2,124674E+22	1,799382E+22	1,398399E+22	1,029203E+22	8,075983E+21	8,075944E+21	1,029182E+22	1,398347E+22
-2173	1,799307E+22	2,124623E+22	2,304004E+22	2,304037E+22	2,124699E+22	1,799386E+22	1,398408E+22	1,029222E+22	8,076131E+21	8,075980E+21	1,029190E+22	1,398398E+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°
-2172	1,799431E+22	2,124762E+22	2,304083E+22	2,304049E+22	2,124667E+22	1,799332E+22	1,398346E+22	1,029170E+22	8,075851E+21	8,075982E+21	1,029205E+22	1,398383E+22
-2171	1,799343E+22	2,124639E+22	2,303978E+22	2,304001E+22	2,124679E+22	1,799373E+22	1,398389E+22	1,029194E+22	8,075823E+21	8,075672E+21	1,029151E+22	1,398326E+22
-2170	1,799328E+22	2,124707E+22	2,304099E+22	2,304092E+22	2,124713E+22	1,799369E+22	1,398368E+22	1,029165E+22	8,075567E+21	8,075567E+21	1,029176E+22	1,398403E+22
-2169	1,799418E+22	2,124749E+22	2,304111E+22	2,304098E+22	2,124709E+22	1,799351E+22	1,398329E+22	1,029118E+22	8,075135E+21	8,075263E+21	1,029144E+22	1,398341E+22
-2168	1,799330E+22	2,124643E+22	2,304015E+22	2,304075E+22	2,124746E+22	1,799405E+22	1,398374E+22	1,029137E+22	8,075003E+21	8,074867E+21	1,029100E+22	1,398328E+22
-2167	1,799395E+22	2,124795E+22	2,304148E+22	2,304125E+22	2,124747E+22	1,799379E+22	1,398331E+22	1,029094E+22	8,074735E+21	8,074821E+21	1,029123E+22	1,398368E+22
-2166	1,799398E+22	2,124754E+22	2,304111E+22	2,304086E+22	2,124717E+22	1,799379E+22	1,398349E+22	1,029103E+22	8,074651E+21	8,074577E+21	1,029073E+22	1,398291E+22
-2165	1,799312E+22	2,124673E+22	2,304093E+22	2,304141E+22	2,124766E+22	1,799394E+22	1,398360E+22	1,029125E+22	8,074831E+21	8,074662E+21	1,029084E+22	1,398329E+22
-2164	1,799411E+22	2,124802E+22	2,304168E+22	2,304160E+22	2,124754E+22	1,799356E+22	1,398301E+22	1,029073E+22	8,074644E+21	8,074861E+21	1,029135E+22	1,398364E+22
-2163	1,799360E+22	2,124682E+22	2,304032E+22	2,304056E+22	2,124727E+22	1,799390E+22	1,398353E+22	1,029111E+22	8,074801E+21	8,074788E+21	1,029101E+22	1,398317E+22
-2162	1,799332E+22	2,124703E+22	2,304097E+22	2,304099E+22	2,124729E+22	1,799387E+22	1,398367E+22	1,029135E+22	8,075064E+21	8,075034E+21	1,029135E+22	1,398390E+22
-2161	1,799442E+22	2,124784E+22	2,304126E+22	2,304092E+22	2,124695E+22	1,799342E+22	1,398328E+22	1,029120E+22	8,075195E+21	8,075340E+21	1,029153E+22	1,398354E+22
-2160	1,799350E+22	2,124660E+22	2,303998E+22	2,304025E+22	2,124693E+22	1,799375E+22	1,398382E+22	1,029181E+22	8,075671E+21	8,075547E+21	1,029142E+22	1,398325E+22
-2159	1,799351E+22	2,124740E+22	2,304104E+22	2,304081E+22	2,124702E+22	1,799357E+22	1,398362E+22	1,029184E+22	8,075989E+21	8,076058E+21	1,029210E+22	1,398401E+22
-2158	1,799378E+22	2,124695E+22	2,304044E+22	2,304028E+22	2,124666E+22	1,799350E+22	1,398373E+22	1,029202E+22	8,076211E+21	8,076293E+21	1,029212E+22	1,398357E+22
-2157	1,799285E+22	2,124564E+22	2,303944E+22	2,304013E+22	2,124693E+22	1,799385E+22	1,398421E+22	1,029253E+22	8,076590E+21	8,076461E+21	1,029219E+22	1,398383E+22
-2156	1,799371E+22	2,124699E+22	2,304029E+22	2,304023E+22	2,124670E+22	1,799350E+22	1,398379E+22	1,029222E+22	8,076539E+21	8,076702E+21	1,029273E+22	1,398438E+22
-2155	1,799364E+22	2,124621E+22	2,303918E+22	2,303911E+22	2,124611E+22	1,799354E+22	1,398414E+22	1,029254E+22	8,076684E+21	8,076610E+21	1,029225E+22	1,398360E+22
-2154	1,799300E+22	2,124609E+22	2,303973E+22	2,303976E+22	2,124634E+22	1,799356E+22	1,398424E+22	1,029270E+22	8,076790E+21	8,076631E+21	1,029233E+22	1,398404E+22
-2153	1,799400E+22	2,124723E+22	2,304055E+22	2,304028E+22	2,124643E+22	1,799312E+22	1,398352E+22	1,029210E+22	8,076486E+21	8,076651E+21	1,029253E+22	1,398398E+22
-2152	1,799330E+22	2,124609E+22	2,303931E+22	2,303963E+22	2,124655E+22	1,799357E+22	1,398387E+22	1,029218E+22	8,076287E+21	8,076221E+21	1,029198E+22	1,398351E+22
-2151	1,799322E+22	2,124675E+22	2,304052E+22	2,304052E+22	2,124694E+22	1,799364E+22	1,398372E+22	1,029191E+22	8,076009E+21	8,076024E+21	1,029208E+22	1,398418E+22
-2150	1,799409E+22	2,124713E+22	2,304053E+22	2,304043E+22	2,124679E+22	1,799349E+22	1,398355E+22	1,029161E+22	8,075634E+21	8,075708E+21	1,029172E+22	1,398352E+22
-2149	1,799323E+22	2,124619E+22	2,303974E+22	2,304032E+22	2,124711E+22	1,799391E+22	1,398395E+22	1,029185E+22	8,075575E+21	8,075354E+21	1,029125E+22	1,398324E+22
-2148	1,799363E+22	2,124761E+22	2,304123E+22	2,304101E+22	2,124722E+22	1,799366E+22	1,398349E+22	1,029142E+22	8,075349E+21	8,075401E+21	1,029165E+22	1,398383E+22
-2147	1,799371E+22	2,124699E+22	2,304046E+22	2,304031E+22	2,124678E+22	1,799356E+22	1,398354E+22	1,029144E+22	8,075313E+21	8,075290E+21	1,029127E+22	1,398312E+22
-2146	1,799295E+22	2,124633E+22	2,304034E+22	2,304070E+22	2,124717E+22	1,799383E+22	1,398379E+22	1,029165E+22	8,075429E+21	8,075315E+21	1,029137E+22	1,398355E+22
-2145	1,799396E+22	2,124755E+22	2,304112E+22	2,304108E+22	2,124719E+22	1,799345E+22	1,398321E+22	1,029120E+22	8,075288E+21	8,075508E+21	1,029182E+22	1,398391E+22
-2144	1,799371E+22	2,124667E+22	2,303974E+22	2,303988E+22	2,124675E+22	1,799364E+22	1,398362E+22	1,029154E+22	8,075429E+21	8,075408E+21	1,029143E+22	1,398335E+22
-2143	1,799332E+22	2,124694E+22	2,304065E+22	2,304048E+22	2,124683E+22	1,799362E+22	1,398375E+22	1,029184E+22	8,075801E+21	8,075718E+21	1,029173E+22	1,398390E+22
-2142	1,799412E+22	2,124744E+22	2,304086E+22	2,304051E+22	2,124657E+22	1,799324E+22	1,398350E+22	1,029181E+22	8,076010E+21	8,076133E+21	1,029205E+22	1,398362E+22
-2141	1,799314E+22	2,124603E+22	2,303948E+22	2,303998E+22	2,124673E+22	1,799363E+22	1,398400E+22	1,029237E+22	8,076470E+21	8,076349E+21	1,029200E+22	1,398340E+22
-2140	1,799310E+22	2,124671E+22	2,304040E+22	2,304039E+22	2,124686E+22	1,799361E+22	1,398388E+22	1,029236E+22	8,076701E+21	8,076801E+21	1,029273E+22	1,398438E+22
-2139	1,799362E+22	2,124625E+22	2,303943E+22	2,303938E+22	2,124615E+22	1,799338E+22	1,398397E+22	1,029255E+22	8,076937E+21	8,077035E+21	1,029269E+22	1,398387E+22
-2138	1,799289E+22	2,124537E+22	2,303874E+22	2,303916E+22	2,124622E+22	1,799369E+22	1,398449E+22	1,029309E+22	8,077282E+21	8,077112E+21	1,029264E+22	1,398399E+22
-2137	1,799360E+22	2,124670E+22	2,303988E+22	2,303967E+22	2,124616E+22	1,799323E+22	1,398395E+22	1,029278E+22	8,077278E+21	8,077385E+21	1,029313E+22	1,398447E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-2136	1,799358E+22	2,124607E+22	2,303887E+22	2,303870E+22	2,124564E+22	1,799317E+22	1,398410E+22	1,029290E+22	8,077310E+21	8,077276E+21	1,029272E+22	1,398375E+22
-2135	1,799285E+22	2,124584E+22	2,303949E+22	2,303955E+22	2,124615E+22	1,799334E+22	1,398416E+22	1,029297E+22	8,077346E+21	8,077235E+21	1,029277E+22	1,398417E+22
-2134	1,799374E+22	2,124672E+22	2,304003E+22	2,303992E+22	2,124630E+22	1,799317E+22	1,398371E+22	1,029244E+22	8,076974E+21	8,077177E+21	1,029296E+22	1,398420E+22
-2133	1,799320E+22	2,124568E+22	2,303885E+22	2,303933E+22	2,124643E+22	1,799362E+22	1,398410E+22	1,029256E+22	8,076742E+21	8,076644E+21	1,029227E+22	1,398363E+22
-2132	1,799311E+22	2,124643E+22	2,304008E+22	2,304009E+22	2,124673E+22	1,799368E+22	1,398400E+22	1,029235E+22	8,076486E+21	8,076436E+21	1,029235E+22	1,398427E+22
-2131	1,799396E+22	2,124676E+22	2,303994E+22	2,303973E+22	2,124626E+22	1,799332E+22	1,398373E+22	1,029209E+22	8,076265E+21	8,076292E+21	1,029206E+22	1,398354E+22
-2130	1,799305E+22	2,124595E+22	2,303939E+22	2,303971E+22	2,124653E+22	1,799366E+22	1,398410E+22	1,029232E+22	8,076229E+21	8,076007E+21	1,029170E+22	1,398331E+22
-2129	1,799328E+22	2,124704E+22	2,304076E+22	2,304064E+22	2,124691E+22	1,799345E+22	1,398355E+22	1,029185E+22	8,076020E+21	8,076111E+21	1,029218E+22	1,398406E+22
-2128	1,799365E+22	2,124661E+22	2,303984E+22	2,303971E+22	2,124636E+22	1,799333E+22	1,398352E+22	1,029172E+22	8,075853E+21	8,075935E+21	1,029184E+22	1,398348E+22
-2127	1,799301E+22	2,124607E+22	2,303985E+22	2,304013E+22	2,124674E+22	1,799359E+22	1,398379E+22	1,029197E+22	8,075976E+21	8,075875E+21	1,029177E+22	1,398375E+22
-2126	1,799394E+22	2,124727E+22	2,304061E+22	2,304046E+22	2,124675E+22	1,799333E+22	1,398344E+22	1,029171E+22	8,075921E+21	8,076098E+21	1,029220E+22	1,398402E+22
-2125	1,799362E+22	2,124646E+22	2,303950E+22	2,303956E+22	2,124639E+22	1,799346E+22	1,398380E+22	1,029208E+22	8,076142E+21	8,076055E+21	1,029179E+22	1,398333E+22
-2124	1,799297E+22	2,124652E+22	2,304037E+22	2,304029E+22	2,124668E+22	1,799357E+22	1,398397E+22	1,029240E+22	8,076543E+21	8,076452E+21	1,029224E+22	1,398402E+22
-2123	1,799375E+22	2,124674E+22	2,304011E+22	2,303995E+22	2,124629E+22	1,799317E+22	1,398370E+22	1,029236E+22	8,076823E+21	8,076986E+21	1,029269E+22	1,398385E+22
-2122	1,799290E+22	2,124546E+22	2,303875E+22	2,303917E+22	2,124626E+22	1,799363E+22	1,398433E+22	1,029294E+22	8,077226E+21	8,077137E+21	1,029262E+22	1,398369E+22
-2121	1,799289E+22	2,124604E+22	2,303962E+22	2,303972E+22	2,124644E+22	1,799354E+22	1,398419E+22	1,029298E+22	8,077479E+21	8,077559E+21	1,029327E+22	1,398467E+22
-2120	1,799373E+22	2,124601E+22	2,303872E+22	2,303850E+22	2,124548E+22	1,799309E+22	1,398409E+22	1,029304E+22	8,077642E+21	8,077750E+21	1,029321E+22	1,398411E+22
-2119	1,799291E+22	2,124525E+22	2,303840E+22	2,303855E+22	2,124560E+22	1,799330E+22	1,398449E+22	1,029354E+22	8,077997E+21	8,077798E+21	1,029306E+22	1,398407E+22
-2118	1,799341E+22	2,124637E+22	2,303955E+22	2,303929E+22	2,124577E+22	1,799299E+22	1,398405E+22	1,029324E+22	8,077966E+21	8,078090E+21	1,029363E+22	1,398463E+22
-2117	1,799337E+22	2,124564E+22	2,303855E+22	2,303852E+22	2,124547E+22	1,799301E+22	1,398413E+22	1,029324E+22	8,077873E+21	8,077868E+21	1,029317E+22	1,398390E+22
-2116	1,799262E+22	2,124535E+22	2,303905E+22	2,303929E+22	2,124610E+22	1,799343E+22	1,398435E+22	1,029329E+22	8,077782E+21	8,077712E+21	1,029319E+22	1,398440E+22
-2115	1,799366E+22	2,124624E+22	2,303930E+22	2,303924E+22	2,124593E+22	1,799314E+22	1,398394E+22	1,029285E+22	8,077478E+21	8,077656E+21	1,029328E+22	1,398431E+22
-2114	1,799317E+22	2,124549E+22	2,303838E+22	2,303855E+22	2,124588E+22	1,799356E+22	1,398440E+22	1,029303E+22	8,077288E+21	8,077117E+21	1,029253E+22	1,398362E+22
-2113	1,799285E+22	2,124605E+22	2,303974E+22	2,303969E+22	2,124634E+22	1,799353E+22	1,398420E+22	1,029287E+22	8,077147E+21	8,077033E+21	1,029265E+22	1,398424E+22
-2112	1,799380E+22	2,124647E+22	2,303953E+22	2,303928E+22	2,124582E+22	1,799299E+22	1,398371E+22	1,029243E+22	8,076864E+21	8,076950E+21	1,029255E+22	1,398368E+22
-2111	1,799287E+22	2,124560E+22	2,303902E+22	2,303934E+22	2,124622E+22	1,799340E+22	1,398402E+22	1,029260E+22	8,076793E+21	8,076626E+21	1,029218E+22	1,398351E+22
-2110	1,799311E+22	2,124653E+22	2,304018E+22	2,304015E+22	2,124662E+22	1,799338E+22	1,398371E+22	1,029222E+22	8,076560E+21	8,076702E+21	1,029268E+22	1,398436E+22
-2109	1,799365E+22	2,124623E+22	2,303939E+22	2,303933E+22	2,124607E+22	1,799321E+22	1,398368E+22	1,029211E+22	8,076380E+21	8,076451E+21	1,029222E+22	1,398367E+22
-2108	1,799298E+22	2,124584E+22	2,303949E+22	2,303973E+22	2,124648E+22	1,799358E+22	1,398404E+22	1,029244E+22	8,076546E+21	8,076426E+21	1,029216E+22	1,398386E+22
-2107	1,799379E+22	2,124692E+22	2,304009E+22	2,303983E+22	2,124625E+22	1,799317E+22	1,398367E+22	1,029228E+22	8,076687E+21	8,076833E+21	1,029265E+22	1,398406E+22
-2106	1,799337E+22	2,124610E+22	2,303911E+22	2,303900E+22	2,124595E+22	1,799335E+22	1,398406E+22	1,029267E+22	8,076959E+21	8,076877E+21	1,029237E+22	1,398345E+22
-2105	1,799257E+22	2,124576E+22	2,303971E+22	2,303986E+22	2,124646E+22	1,799352E+22	1,398420E+22	1,029298E+22	8,077386E+21	8,077318E+21	1,029286E+22	1,398425E+22
-2104	1,799363E+22	2,124617E+22	2,303926E+22	2,303916E+22	2,124580E+22	1,799301E+22	1,398384E+22	1,029282E+22	8,077542E+21	8,077782E+21	1,029336E+22	1,398425E+22
-2103	1,799295E+22	2,124511E+22	2,303809E+22	2,303838E+22	2,124564E+22	1,799334E+22	1,398444E+22	1,029343E+22	8,077932E+21	8,077819E+21	1,029312E+22	1,398393E+22
-2102	1,799288E+22	2,124568E+22	2,303898E+22	2,303893E+22	2,124581E+22	1,799332E+22	1,398442E+22	1,029356E+22	8,078209E+21	8,078242E+21	1,029373E+22	1,398481E+22
-2101	1,799365E+22	2,124578E+22	2,303849E+22	2,303816E+22	2,124500E+22	1,799278E+22	1,398419E+22	1,029353E+22	8,078337E+21	8,078411E+21	1,029362E+22	1,398417E+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°
-2100	1,799269E+22	2,124494E+22	2,303818E+22	2,303838E+22	2,124541E+22	1,799316E+22	1,398458E+22	1,029393E+22	8,078588E+21	8,078441E+21	1,029355E+22	1,398419E+22
-2099	1,799313E+22	2,124581E+22	2,303894E+22	2,303880E+22	2,124551E+22	1,799293E+22	1,398420E+22	1,029364E+22	8,078580E+21	8,078745E+21	1,029413E+22	1,398480E+22
-2098	1,799321E+22	2,124524E+22	2,303804E+22	2,303797E+22	2,124518E+22	1,799309E+22	1,398440E+22	1,029366E+22	8,078417E+21	8,078417E+21	1,029359E+22	1,398408E+22
-2097	1,799245E+22	2,124480E+22	2,303844E+22	2,303884E+22	2,124586E+22	1,799345E+22	1,398464E+22	1,029380E+22	8,078374E+21	8,078236E+21	1,029348E+22	1,398447E+22
-2096	1,799368E+22	2,124601E+22	2,303873E+22	2,303854E+22	2,124541E+22	1,799295E+22	1,398408E+22	1,029327E+22	8,078043E+21	8,078200E+21	1,029363E+22	1,398438E+22
-2095	1,799307E+22	2,124532E+22	2,303812E+22	2,303807E+22	2,124530E+22	1,799318E+22	1,398442E+22	1,029345E+22	8,077904E+21	8,077697E+21	1,029288E+22	1,398362E+22
-2094	1,799255E+22	2,124556E+22	2,303929E+22	2,303930E+22	2,124597E+22	1,799330E+22	1,398429E+22	1,029328E+22	8,077767E+21	8,077695E+21	1,029317E+22	1,398440E+22
-2093	1,799356E+22	2,124597E+22	2,303914E+22	2,303903E+22	2,124559E+22	1,799282E+22	1,398371E+22	1,029271E+22	8,077374E+21	8,077534E+21	1,029306E+22	1,398395E+22
-2092	1,799279E+22	2,124518E+22	2,303852E+22	2,303897E+22	2,124604E+22	1,799339E+22	1,398414E+22	1,029286E+22	8,077199E+21	8,077123E+21	1,029266E+22	1,398381E+22
-2091	1,799316E+22	2,124617E+22	2,303949E+22	2,303943E+22	2,124614E+22	1,799327E+22	1,398390E+22	1,029264E+22	8,077106E+21	8,077234E+21	1,029306E+22	1,398454E+22
-2090	1,799370E+22	2,124614E+22	2,303903E+22	2,303867E+22	2,124555E+22	1,799312E+22	1,398393E+22	1,029262E+22	8,077009E+21	8,077017E+21	1,029255E+22	1,398368E+22
-2089	1,799275E+22	2,124546E+22	2,303919E+22	2,303942E+22	2,124616E+22	1,799346E+22	1,398429E+22	1,029304E+22	8,077325E+21	8,077140E+21	1,029254E+22	1,398383E+22
-2088	1,799358E+22	2,124654E+22	2,303960E+22	2,303936E+22	2,124587E+22	1,799297E+22	1,398378E+22	1,029276E+22	8,077438E+21	8,077634E+21	1,029324E+22	1,398422E+22
-2087	1,799311E+22	2,124560E+22	2,303857E+22	2,303851E+22	2,124558E+22	1,799317E+22	1,398417E+22	1,029316E+22	8,077708E+21	8,077652E+21	1,029296E+22	1,398368E+22
-2086	1,799235E+22	2,124508E+22	2,303890E+22	2,303919E+22	2,124607E+22	1,799350E+22	1,398451E+22	1,029356E+22	8,078131E+21	8,078086E+21	1,029348E+22	1,398457E+22
-2085	1,799357E+22	2,124570E+22	2,303862E+22	2,303854E+22	2,124530E+22	1,799283E+22	1,398405E+22	1,029336E+22	8,078242E+21	8,078452E+21	1,029385E+22	1,398447E+22
-2084	1,799293E+22	2,124484E+22	2,303760E+22	2,303779E+22	2,124517E+22	1,799318E+22	1,398464E+22	1,029394E+22	8,078608E+21	8,078495E+21	1,029360E+22	1,398407E+22
-2083	1,799274E+22	2,124535E+22	2,303848E+22	2,303826E+22	2,124515E+22	1,799298E+22	1,398457E+22	1,029412E+22	8,079003E+21	8,079020E+21	1,029425E+22	1,398490E+22
-2082	1,799342E+22	2,124543E+22	2,303811E+22	2,303768E+22	2,124459E+22	1,799260E+22	1,398431E+22	1,029402E+22	8,079072E+21	8,079166E+21	1,029418E+22	1,398431E+22
-2081	1,799236E+22	2,124431E+22	2,303764E+22	2,303808E+22	2,124529E+22	1,799316E+22	1,398476E+22	1,029438E+22	8,079270E+21	8,079144E+21	1,029405E+22	1,398439E+22
-2080	1,799307E+22	2,124538E+22	2,303822E+22	2,303815E+22	2,124514E+22	1,799285E+22	1,398434E+22	1,029401E+22	8,079122E+21	8,079335E+21	1,029461E+22	1,398505E+22
-2079	1,799321E+22	2,124497E+22	2,303754E+22	2,303739E+22	2,124471E+22	1,799288E+22	1,398455E+22	1,029409E+22	8,078963E+21	8,078898E+21	1,029389E+22	1,398415E+22
-2078	1,799234E+22	2,124447E+22	2,303792E+22	2,303827E+22	2,124541E+22	1,799332E+22	1,398488E+22	1,029430E+22	8,078978E+21	8,078779E+21	1,029381E+22	1,398448E+22
-2077	1,799343E+22	2,124569E+22	2,303851E+22	2,303831E+22	2,124504E+22	1,799269E+22	1,398415E+22	1,029367E+22	8,078606E+21	8,078743E+21	1,029399E+22	1,398442E+22
-2076	1,799282E+22	2,124495E+22	2,303783E+22	2,303790E+22	2,124515E+22	1,799307E+22	1,398448E+22	1,029374E+22	8,078379E+21	8,078265E+21	1,029338E+22	1,398379E+22
-2075	1,799234E+22	2,124506E+22	2,303864E+22	2,303874E+22	2,124561E+22	1,799319E+22	1,398441E+22	1,029362E+22	8,078294E+21	8,078283E+21	1,029368E+22	1,398467E+22
-2074	1,799352E+22	2,124567E+22	2,303861E+22	2,303844E+22	2,124525E+22	1,799282E+22	1,398392E+22	1,029309E+22	8,077873E+21	8,078046E+21	1,029348E+22	1,398419E+22
-2073	1,799278E+22	2,124483E+22	2,303800E+22	2,303853E+22	2,124578E+22	1,799337E+22	1,398439E+22	1,029333E+22	8,077783E+21	8,077644E+21	1,029295E+22	1,398392E+22
-2072	1,799324E+22	2,124607E+22	2,303902E+22	2,303879E+22	2,124561E+22	1,799306E+22	1,398405E+22	1,029309E+22	8,077730E+21	8,077832E+21	1,029345E+22	1,398461E+22
-2071	1,799358E+22	2,124600E+22	2,303884E+22	2,303833E+22	2,124505E+22	1,799277E+22	1,398402E+22	1,029314E+22	8,077733E+21	8,077693E+21	1,029298E+22	1,398371E+22
-2070	1,799240E+22	2,124487E+22	2,303862E+22	2,303903E+22	2,124586E+22	1,799332E+22	1,398448E+22	1,029359E+22	8,078104E+21	8,077939E+21	1,029314E+22	1,398397E+22
-2069	1,799319E+22	2,124589E+22	2,303904E+22	2,303900E+22	2,124560E+22	1,799287E+22	1,398393E+22	1,029322E+22	8,078128E+21	8,078366E+21	1,029384E+22	1,398450E+22
-2068	1,799297E+22	2,124508E+22	2,303788E+22	2,303793E+22	2,124523E+22	1,799311E+22	1,398440E+22	1,029361E+22	8,078325E+21	8,078341E+21	1,029355E+22	1,398397E+22
-2067	1,799229E+22	2,124460E+22	2,303799E+22	2,303821E+22	2,124537E+22	1,799328E+22	1,398476E+22	1,029415E+22	8,078883E+21	8,078804E+21	1,029399E+22	1,398477E+22
-2066	1,799353E+22	2,124550E+22	2,303811E+22	2,303777E+22	2,124468E+22	1,799262E+22	1,398426E+22	1,029395E+22	8,079026E+21	8,079181E+21	1,029431E+22	1,398457E+22
-2065	1,799270E+22	2,124444E+22	2,303721E+22	2,303743E+22	2,124479E+22	1,799295E+22	1,398479E+22	1,029452E+22	8,079425E+21	8,079272E+21	1,029406E+22	1,398416E+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°
-2064	1,799260E+22	2,124498E+22	2,303796E+22	2,303780E+22	2,124478E+22	1,799274E+22	1,398460E+22	1,029453E+22	8,079705E+21	8,079792E+21	1,029485E+22	1,398514E+22
-2063	1,799324E+22	2,124503E+22	2,303768E+22	2,303731E+22	2,124427E+22	1,799241E+22	1,398441E+22	1,029444E+22	8,079699E+21	8,079809E+21	1,029468E+22	1,398453E+22
-2062	1,799218E+22	2,124374E+22	2,303695E+22	2,303758E+22	2,124503E+22	1,799319E+22	1,398507E+22	1,029488E+22	8,079878E+21	8,079747E+21	1,029451E+22	1,398458E+22
-2061	1,799292E+22	2,124501E+22	2,303775E+22	2,303769E+22	2,124480E+22	1,799278E+22	1,398457E+22	1,029446E+22	8,079675E+21	8,079831E+21	1,029493E+22	1,398515E+22
-2060	1,799312E+22	2,124474E+22	2,303716E+22	2,303693E+22	2,124435E+22	1,799280E+22	1,398476E+22	1,029451E+22	8,079504E+21	8,079441E+21	1,029425E+22	1,398418E+22
-2059	1,799212E+22	2,124409E+22	2,303736E+22	2,303767E+22	2,124486E+22	1,799305E+22	1,398502E+22	1,029478E+22	8,079639E+21	8,079430E+21	1,029427E+22	1,398459E+22
-2058	1,799318E+22	2,124530E+22	2,303802E+22	2,303786E+22	2,124473E+22	1,799254E+22	1,398421E+22	1,029404E+22	8,079203E+21	8,079370E+21	1,029449E+22	1,398464E+22
-2057	1,799260E+22	2,124442E+22	2,303726E+22	2,303754E+22	2,124497E+22	1,799301E+22	1,398459E+22	1,029409E+22	8,078924E+21	8,078833E+21	1,029381E+22	1,398408E+22
-2056	1,799246E+22	2,124481E+22	2,303802E+22	2,303808E+22	2,124513E+22	1,799299E+22	1,398447E+22	1,029392E+22	8,078754E+21	8,078785E+21	1,029410E+22	1,398494E+22
-2055	1,799362E+22	2,124560E+22	2,303827E+22	2,303793E+22	2,124472E+22	1,799252E+22	1,398403E+22	1,029351E+22	8,078388E+21	8,078483E+21	1,029373E+22	1,398425E+22
-2054	1,799268E+22	2,124464E+22	2,303768E+22	2,303813E+22	2,124541E+22	1,799324E+22	1,398461E+22	1,029385E+22	8,078427E+21	8,078226E+21	1,029328E+22	1,398388E+22
-2053	1,799290E+22	2,124575E+22	2,303887E+22	2,303863E+22	2,124533E+22	1,799286E+22	1,398416E+22	1,029354E+22	8,078377E+21	8,078450E+21	1,029382E+22	1,398460E+22
-2052	1,799322E+22	2,124551E+22	2,303842E+22	2,303812E+22	2,124496E+22	1,799275E+22	1,398417E+22	1,029354E+22	8,078362E+21	8,078406E+21	1,029354E+22	1,398386E+22
-2051	1,799207E+22	2,124420E+22	2,303776E+22	2,303835E+22	2,124547E+22	1,799326E+22	1,398473E+22	1,029413E+22	8,078840E+21	8,078709E+21	1,029377E+22	1,398428E+22
-2050	1,799303E+22	2,124533E+22	2,303821E+22	2,303823E+22	2,124518E+22	1,799283E+22	1,398421E+22	1,029379E+22	8,078858E+21	8,079083E+21	1,029440E+22	1,398480E+22
-2049	1,799289E+22	2,124460E+22	2,303715E+22	2,303724E+22	2,124477E+22	1,799299E+22	1,398468E+22	1,029423E+22	8,079125E+21	8,079075E+21	1,029401E+22	1,398418E+22
-2048	1,799237E+22	2,124444E+22	2,303741E+22	2,303737E+22	2,124460E+22	1,799289E+22	1,398487E+22	1,029468E+22	8,079668E+21	8,079594E+21	1,029455E+22	1,398495E+22
-2047	1,799340E+22	2,124530E+22	2,303783E+22	2,303733E+22	2,124406E+22	1,799215E+22	1,398430E+22	1,029449E+22	8,079813E+21	8,079954E+21	1,029485E+22	1,398471E+22
-2046	1,799243E+22	2,124393E+22	2,303668E+22	2,303707E+22	2,124454E+22	1,799281E+22	1,398492E+22	1,029501E+22	8,080177E+21	8,080071E+21	1,029468E+22	1,398438E+22
-2045	1,799231E+22	2,124445E+22	2,303748E+22	2,303747E+22	2,124457E+22	1,799268E+22	1,398473E+22	1,029492E+22	8,080299E+21	8,080415E+21	1,029535E+22	1,398540E+22
-2044	1,799317E+22	2,124463E+22	2,303711E+22	2,303687E+22	2,124407E+22	1,799245E+22	1,398466E+22	1,029483E+22	8,080216E+21	8,080365E+21	1,029511E+22	1,398470E+22
-2043	1,799210E+22	2,124337E+22	2,303620E+22	2,303677E+22	2,124449E+22	1,799308E+22	1,398536E+22	1,029544E+22	8,080530E+21	8,080324E+21	1,029488E+22	1,398465E+22
-2042	1,799274E+22	2,124475E+22	2,303730E+22	2,303711E+22	2,124436E+22	1,799266E+22	1,398479E+22	1,029500E+22	8,080346E+21	8,080425E+21	1,029527E+22	1,398516E+22
-2041	1,799282E+22	2,124432E+22	2,303676E+22	2,303662E+22	2,124408E+22	1,799263E+22	1,398490E+22	1,029500E+22	8,080184E+21	8,080087E+21	1,029464E+22	1,398428E+22
-2040	1,799198E+22	2,124372E+22	2,303681E+22	2,303712E+22	2,124446E+22	1,799280E+22	1,398501E+22	1,029509E+22	8,080197E+21	8,080068E+21	1,029481E+22	1,398486E+22
-2039	1,799310E+22	2,124501E+22	2,303763E+22	2,303745E+22	2,124434E+22	1,799228E+22	1,398426E+22	1,029438E+22	8,079688E+21	8,079875E+21	1,029492E+22	1,398491E+22
-2038	1,799258E+22	2,124405E+22	2,303670E+22	2,303707E+22	2,124468E+22	1,799294E+22	1,398476E+22	1,029447E+22	8,079416E+21	8,079320E+21	1,029418E+22	1,398426E+22
-2037	1,799240E+22	2,124464E+22	2,303776E+22	2,303772E+22	2,124481E+22	1,799285E+22	1,398459E+22	1,029428E+22	8,079229E+21	8,079204E+21	1,029435E+22	1,398500E+22
-2036	1,799354E+22	2,124550E+22	2,303810E+22	2,303767E+22	2,124444E+22	1,799240E+22	1,398418E+22	1,029388E+22	8,078921E+21	8,079029E+21	1,029406E+22	1,398421E+22
-2035	1,799234E+22	2,124421E+22	2,303716E+22	2,303764E+22	2,124498E+22	1,799303E+22	1,398478E+22	1,029438E+22	8,079152E+21	8,078947E+21	1,029378E+22	1,398395E+22
-2034	1,799248E+22	2,124515E+22	2,303823E+22	2,303819E+22	2,124517E+22	1,799284E+22	1,398432E+22	1,029403E+22	8,079101E+21	8,079197E+21	1,029439E+22	1,398481E+22
-2033	1,799292E+22	2,124481E+22	2,303762E+22	2,303756E+22	2,124473E+22	1,799276E+22	1,398441E+22	1,029406E+22	8,079086E+21	8,079137E+21	1,029409E+22	1,398421E+22
-2032	1,799214E+22	2,124379E+22	2,303686E+22	2,303737E+22	2,124480E+22	1,799301E+22	1,398489E+22	1,029461E+22	8,079522E+21	8,079419E+21	1,029434E+22	1,398464E+22
-2031	1,799311E+22	2,124515E+22	2,303768E+22	2,303746E+22	2,124442E+22	1,799241E+22	1,398435E+22	1,029436E+22	8,079582E+21	8,079739E+21	1,029483E+22	1,398498E+22
-2030	1,799281E+22	2,124433E+22	2,303671E+22	2,303669E+22	2,124422E+22	1,799270E+22	1,398483E+22	1,029480E+22	8,079919E+21	8,079844E+21	1,029452E+22	1,398427E+22
-2029	1,799209E+22	2,124415E+22	2,303722E+22	2,303713E+22	2,124425E+22	1,799260E+22	1,398490E+22	1,029512E+22	8,080377E+21	8,080319E+21	1,029506E+22	1,398509E+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°
-2028	1,799316E+22	2,124490E+22	2,303745E+22	2,303710E+22	2,124397E+22	1,799213E+22	1,398444E+22	1,029487E+22	8,080449E+21	8,080690E+21	1,029542E+22	1,398488E+22
-2027	1,799217E+22	2,124336E+22	2,303594E+22	2,303645E+22	2,124423E+22	1,799283E+22	1,398523E+22	1,029556E+22	8,080886E+21	8,080788E+21	1,029524E+22	1,398463E+22
-2026	1,799213E+22	2,124393E+22	2,303674E+22	2,303685E+22	2,124433E+22	1,799275E+22	1,398507E+22	1,029550E+22	8,080993E+21	8,081041E+21	1,029575E+22	1,398554E+22
-2025	1,799302E+22	2,124419E+22	2,303645E+22	2,303627E+22	2,124375E+22	1,799245E+22	1,398500E+22	1,029546E+22	8,080961E+21	8,080998E+21	1,029546E+22	1,398481E+22
-2024	1,799206E+22	2,124313E+22	2,303565E+22	2,303598E+22	2,124379E+22	1,799274E+22	1,398549E+22	1,029596E+22	8,081246E+21	8,081030E+21	1,029537E+22	1,398478E+22
-2023	1,799251E+22	2,124440E+22	2,303695E+22	2,303665E+22	2,124377E+22	1,799220E+22	1,398481E+22	1,029546E+22	8,081008E+21	8,081083E+21	1,029574E+22	1,398531E+22
-2022	1,799256E+22	2,124379E+22	2,303623E+22	2,303624E+22	2,124382E+22	1,799246E+22	1,398493E+22	1,029535E+22	8,080778E+21	8,080755E+21	1,029520E+22	1,398454E+22
-2021	1,799182E+22	2,124336E+22	2,303644E+22	2,303672E+22	2,124415E+22	1,799263E+22	1,398500E+22	1,029530E+22	8,080599E+21	8,080531E+21	1,029520E+22	1,398513E+22
-2020	1,799315E+22	2,124479E+22	2,303722E+22	2,303704E+22	2,124411E+22	1,799224E+22	1,398437E+22	1,029461E+22	8,080059E+21	8,080293E+21	1,029522E+22	1,398502E+22
-2019	1,799255E+22	2,124387E+22	2,303624E+22	2,303648E+22	2,124425E+22	1,799280E+22	1,398496E+22	1,029492E+22	8,079961E+21	8,079800E+21	1,029445E+22	1,398429E+22
-2018	1,799220E+22	2,124438E+22	2,303742E+22	2,303737E+22	2,124458E+22	1,799277E+22	1,398477E+22	1,029475E+22	8,079845E+21	8,079748E+21	1,029461E+22	1,398493E+22
-2017	1,799318E+22	2,124500E+22	2,303771E+22	2,303746E+22	2,124436E+22	1,799239E+22	1,398438E+22	1,029438E+22	8,079608E+21	8,079678E+21	1,029447E+22	1,398431E+22
-2016	1,799214E+22	2,124371E+22	2,303649E+22	2,303699E+22	2,124458E+22	1,799288E+22	1,398490E+22	1,029480E+22	8,079813E+21	8,079680E+21	1,029440E+22	1,398425E+22
-2015	1,799230E+22	2,124463E+22	2,303761E+22	2,303756E+22	2,124466E+22	1,799263E+22	1,398452E+22	1,029453E+22	8,079748E+21	8,079853E+21	1,029491E+22	1,398511E+22
-2014	1,799286E+22	2,124432E+22	2,303687E+22	2,303685E+22	2,124429E+22	1,799264E+22	1,398465E+22	1,029460E+22	8,079799E+21	8,079848E+21	1,029462E+22	1,398446E+22
-2013	1,799210E+22	2,124360E+22	2,303647E+22	2,303672E+22	2,124422E+22	1,799272E+22	1,398499E+22	1,029508E+22	8,080196E+21	8,080062E+21	1,029477E+22	1,398481E+22
-2012	1,799308E+22	2,124501E+22	2,303743E+22	2,303703E+22	2,124396E+22	1,799216E+22	1,398446E+22	1,029481E+22	8,080291E+21	8,080490E+21	1,029533E+22	1,398505E+22
-2011	1,799255E+22	2,124391E+22	2,303623E+22	2,303620E+22	2,124378E+22	1,799243E+22	1,398496E+22	1,029536E+22	8,080738E+21	8,080680E+21	1,029512E+22	1,398445E+22
-2010	1,799177E+22	2,124356E+22	2,303661E+22	2,303675E+22	2,124415E+22	1,799261E+22	1,398507E+22	1,029563E+22	8,081131E+21	8,081093E+21	1,029562E+22	1,398530E+22
-2009	1,799292E+22	2,124427E+22	2,303674E+22	2,303661E+22	2,124382E+22	1,799224E+22	1,398477E+22	1,029543E+22	8,081182E+21	8,081392E+21	1,029592E+22	1,398516E+22
-2008	1,799217E+22	2,124294E+22	2,303513E+22	2,303553E+22	2,124363E+22	1,799268E+22	1,398549E+22	1,029611E+22	8,081596E+21	8,081482E+21	1,029574E+22	1,398486E+22
-2007	1,799206E+22	2,124364E+22	2,303625E+22	2,303616E+22	2,124366E+22	1,799245E+22	1,398530E+22	1,029612E+22	8,081718E+21	8,081679E+21	1,029612E+22	1,398560E+22
-2006	1,799282E+22	2,124379E+22	2,303597E+22	2,303574E+22	2,124326E+22	1,799220E+22	1,398515E+22	1,029599E+22	8,081707E+21	8,081729E+21	1,029593E+22	1,398486E+22
-2005	1,799174E+22	2,124277E+22	2,303537E+22	2,303564E+22	2,124342E+22	1,799243E+22	1,398544E+22	1,029628E+22	8,081821E+21	8,081655E+21	1,029584E+22	1,398497E+22
-2004	1,799237E+22	2,124403E+22	2,303658E+22	2,303635E+22	2,124359E+22	1,799210E+22	1,398482E+22	1,029567E+22	8,081465E+21	8,081666E+21	1,029623E+22	1,398553E+22
-2003	1,799244E+22	2,124333E+22	2,303562E+22	2,303567E+22	2,124345E+22	1,799237E+22	1,398509E+22	1,029570E+22	8,081267E+21	8,081276E+21	1,029564E+22	1,398481E+22
-2002	1,799181E+22	2,124303E+22	2,303589E+22	2,303628E+22	2,124400E+22	1,799265E+22	1,398518E+22	1,029568E+22	8,081077E+21	8,080962E+21	1,029546E+22	1,398522E+22
-2001	1,799311E+22	2,124457E+22	2,303683E+22	2,303661E+22	2,124388E+22	1,799227E+22	1,398464E+22	1,029509E+22	8,080630E+21	8,080760E+21	1,029543E+22	1,398503E+22
-2000	1,799248E+22	2,124369E+22	2,303587E+22	2,303588E+22	2,124370E+22	1,799255E+22	1,398508E+22	1,029537E+22	8,080592E+21	8,080425E+21	1,029487E+22	1,398435E+22
-1999	1,799191E+22	2,124395E+22	2,303708E+22	2,303702E+22	2,124416E+22	1,799248E+22	1,398487E+22	1,029523E+22	8,080500E+21	8,080400E+21	1,029506E+22	1,398502E+22
-1998	1,799284E+22	2,124435E+22	2,303705E+22	2,303700E+22	2,124413E+22	1,799234E+22	1,398453E+22	1,029482E+22	8,080274E+21	8,080406E+21	1,029505E+22	1,398456E+22
-1997	1,799196E+22	2,124328E+22	2,303597E+22	2,303637E+22	2,124414E+22	1,799271E+22	1,398499E+22	1,029515E+22	8,080363E+21	8,080279E+21	1,029490E+22	1,398458E+22
-1996	1,799239E+22	2,124435E+22	2,303707E+22	2,303691E+22	2,124419E+22	1,799248E+22	1,398467E+22	1,029492E+22	8,080330E+21	8,080472E+21	1,029534E+22	1,398527E+22
-1995	1,799283E+22	2,124408E+22	2,303635E+22	2,303611E+22	2,124365E+22	1,799238E+22	1,398485E+22	1,029517E+22	8,080549E+21	8,080559E+21	1,029509E+22	1,398458E+22
-1994	1,799193E+22	2,124329E+22	2,303611E+22	2,303635E+22	2,124392E+22	1,799253E+22	1,398511E+22	1,029561E+22	8,080970E+21	8,080807E+21	1,029521E+22	1,398484E+22
-1993	1,799276E+22	2,124451E+22	2,303700E+22	2,303677E+22	2,124386E+22	1,799214E+22	1,398467E+22	1,029537E+22	8,081093E+21	8,081273E+21	1,029586E+22	1,398524E+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	1,799237E+22	2,124341E+22	2,303560E+22	2,303558E+22	2,124339E+22	1,799233E+22	1,398514E+22	1,029587E+22	8,081497E+21	8,081504E+21	1,029580E+22	1,398478E+22
-1991	1,799161E+22	2,124298E+22	2,303594E+22	2,303612E+22	2,124368E+22	1,799248E+22	1,398538E+22	1,029623E+22	8,081852E+21	8,081794E+21	1,029613E+22	1,398552E+22
-1990	1,799279E+22	2,124373E+22	2,303597E+22	2,303592E+22	2,124344E+22	1,799222E+22	1,398510E+22	1,029605E+22	8,081956E+21	8,082132E+21	1,029643E+22	1,398532E+22
-1989	1,799204E+22	2,124271E+22	2,303472E+22	2,303482E+22	2,124300E+22	1,799241E+22	1,398564E+22	1,029661E+22	8,082284E+21	8,082144E+21	1,029618E+22	1,398499E+22
-1988	1,799193E+22	2,124331E+22	2,303588E+22	2,303567E+22	2,124316E+22	1,799217E+22	1,398537E+22	1,029652E+22	8,082392E+21	8,082407E+21	1,029660E+22	1,398565E+22
-1987	1,799252E+22	2,124327E+22	2,303542E+22	2,303522E+22	2,124283E+22	1,799193E+22	1,398521E+22	1,029643E+22	8,082394E+21	8,082468E+21	1,029652E+22	1,398511E+22
-1986	1,799155E+22	2,124222E+22	2,303474E+22	2,303525E+22	2,124328E+22	1,799235E+22	1,398549E+22	1,029658E+22	8,082357E+21	8,082238E+21	1,029630E+22	1,398523E+22
-1985	1,799233E+22	2,124361E+22	2,303599E+22	2,303589E+22	2,124341E+22	1,799216E+22	1,398504E+22	1,029604E+22	8,081949E+21	8,082123E+21	1,029658E+22	1,398579E+22
-1984	1,799258E+22	2,124317E+22	2,303512E+22	2,303495E+22	2,124290E+22	1,799218E+22	1,398524E+22	1,029608E+22	8,081756E+21	8,081740E+21	1,029596E+22	1,398494E+22
-1983	1,799179E+22	2,124291E+22	2,303568E+22	2,303583E+22	2,124345E+22	1,799240E+22	1,398538E+22	1,029615E+22	8,081615E+21	8,081416E+21	1,029566E+22	1,398513E+22
-1982	1,799285E+22	2,124424E+22	2,303655E+22	2,303635E+22	2,124364E+22	1,799216E+22	1,398481E+22	1,029555E+22	8,081265E+21	8,081380E+21	1,029580E+22	1,398497E+22
-1981	1,799211E+22	2,124333E+22	2,303563E+22	2,303559E+22	2,124344E+22	1,799239E+22	1,398512E+22	1,029569E+22	8,081137E+21	8,081022E+21	1,029533E+22	1,398450E+22
-1980	1,799171E+22	2,124344E+22	2,303658E+22	2,303665E+22	2,124397E+22	1,799247E+22	1,398499E+22	1,029554E+22	8,081041E+21	8,081042E+21	1,029557E+22	1,398521E+22
-1979	1,799266E+22	2,124378E+22	2,303631E+22	2,303631E+22	2,124369E+22	1,799224E+22	1,398477E+22	1,029531E+22	8,080908E+21	8,081059E+21	1,029559E+22	1,398487E+22
-1978	1,799195E+22	2,124286E+22	2,303529E+22	2,303579E+22	2,124381E+22	1,799261E+22	1,398519E+22	1,029564E+22	8,081015E+21	8,080892E+21	1,029530E+22	1,398474E+22
-1977	1,799238E+22	2,124411E+22	2,303662E+22	2,303635E+22	2,124375E+22	1,799236E+22	1,398493E+22	1,029550E+22	8,081072E+21	8,081140E+21	1,029576E+22	1,398540E+22
-1976	1,799276E+22	2,124381E+22	2,303593E+22	2,303547E+22	2,124299E+22	1,799200E+22	1,398493E+22	1,029569E+22	8,081338E+21	8,081379E+21	1,029569E+22	1,398476E+22
-1975	1,799168E+22	2,124282E+22	2,303571E+22	2,303596E+22	2,124348E+22	1,799227E+22	1,398525E+22	1,029614E+22	8,081733E+21	8,081603E+21	1,029579E+22	1,398502E+22
-1974	1,799249E+22	2,124386E+22	2,303629E+22	2,303625E+22	2,124363E+22	1,799215E+22	1,398488E+22	1,029588E+22	8,081852E+21	8,082088E+21	1,029650E+22	1,398548E+22
-1973	1,799219E+22	2,124296E+22	2,303500E+22	2,303490E+22	2,124294E+22	1,799222E+22	1,398534E+22	1,029633E+22	8,082142E+21	8,082169E+21	1,029631E+22	1,398507E+22
-1972	1,799163E+22	2,124262E+22	2,303534E+22	2,303547E+22	2,124322E+22	1,799236E+22	1,398559E+22	1,029672E+22	8,082538E+21	8,082477E+21	1,029655E+22	1,398558E+22
-1971	1,799260E+22	2,124333E+22	2,303538E+22	2,303517E+22	2,124279E+22	1,799197E+22	1,398534E+22	1,029668E+22	8,082747E+21	8,082872E+21	1,029691E+22	1,398542E+22
-1970	1,799180E+22	2,124224E+22	2,303424E+22	2,303444E+22	2,124268E+22	1,799219E+22	1,398574E+22	1,029711E+22	8,083016E+21	8,082861E+21	1,029664E+22	1,398506E+22
-1969	1,799167E+22	2,124283E+22	2,303537E+22	2,303528E+22	2,124294E+22	1,799210E+22	1,398553E+22	1,029698E+22	8,083056E+21	8,083073E+21	1,029711E+22	1,398589E+22
-1968	1,799242E+22	2,124285E+22	2,303481E+22	2,303457E+22	2,124236E+22	1,799175E+22	1,398530E+22	1,029680E+22	8,082969E+21	8,083110E+21	1,029709E+22	1,398544E+22
-1967	1,799155E+22	2,124187E+22	2,303426E+22	2,303475E+22	2,124283E+22	1,799220E+22	1,398569E+22	1,029700E+22	8,082859E+21	8,082723E+21	1,029665E+22	1,398539E+22
-1966	1,799231E+22	2,124332E+22	2,303548E+22	2,303541E+22	2,124312E+22	1,799213E+22	1,398528E+22	1,029650E+22	8,082517E+21	8,082641E+21	1,029689E+22	1,398581E+22
-1965	1,799247E+22	2,124312E+22	2,303499E+22	2,303454E+22	2,124244E+22	1,799196E+22	1,398534E+22	1,029646E+22	8,082274E+21	8,082227E+21	1,029625E+22	1,398496E+22
-1964	1,799161E+22	2,124263E+22	2,303547E+22	2,303561E+22	2,124316E+22	1,799221E+22	1,398544E+22	1,029650E+22	8,082195E+21	8,082031E+21	1,029604E+22	1,398505E+22
-1963	1,799241E+22	2,124364E+22	2,303601E+22	2,303597E+22	2,124337E+22	1,799204E+22	1,398494E+22	1,029599E+22	8,081906E+21	8,082064E+21	1,029636E+22	1,398518E+22
-1962	1,799185E+22	2,124268E+22	2,303492E+22	2,303519E+22	2,124331E+22	1,799238E+22	1,398526E+22	1,029605E+22	8,081701E+21	8,081631E+21	1,029582E+22	1,398476E+22
-1961	1,799165E+22	2,124295E+22	2,303584E+22	2,303601E+22	2,124365E+22	1,799250E+22	1,398528E+22	1,029601E+22	8,081621E+21	8,081593E+21	1,029601E+22	1,398551E+22
-1960	1,799278E+22	2,124356E+22	2,303568E+22	2,303546E+22	2,124299E+22	1,799195E+22	1,398492E+22	1,029579E+22	8,081557E+21	8,081693E+21	1,029608E+22	1,398511E+22
-1959	1,799197E+22	2,124269E+22	2,303496E+22	2,303522E+22	2,124312E+22	1,799224E+22	1,398533E+22	1,029616E+22	8,081692E+21	8,081527E+21	1,029568E+22	1,398478E+22
-1958	1,799216E+22	2,124375E+22	2,303624E+22	2,303602E+22	2,124343E+22	1,799217E+22	1,398505E+22	1,029601E+22	8,081828E+21	8,081915E+21	1,029629E+22	1,398546E+22
-1957	1,799247E+22	2,124350E+22	2,303564E+22	2,303514E+22	2,124266E+22	1,799180E+22	1,398498E+22	1,029607E+22	8,081981E+21	8,082093E+21	1,029627E+22	1,398500E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-1956	1,799152E+22	2,124232E+22	2,303515E+22	2,303553E+22	2,124323E+22	1,799225E+22	1,398542E+22	1,029656E+22	8,082397E+21	8,082335E+21	1,029633E+22	1,398517E+22
-1955	1,799225E+22	2,124325E+22	2,303550E+22	2,303557E+22	2,124323E+22	1,799213E+22	1,398524E+22	1,029651E+22	8,082612E+21	8,082821E+21	1,029704E+22	1,398573E+22
-1954	1,799211E+22	2,124246E+22	2,303424E+22	2,303428E+22	2,124258E+22	1,799216E+22	1,398563E+22	1,029695E+22	8,082915E+21	8,082867E+21	1,029674E+22	1,398517E+22
-1953	1,799151E+22	2,124225E+22	2,303474E+22	2,303482E+22	2,124272E+22	1,799226E+22	1,398592E+22	1,029738E+22	8,083353E+21	8,083207E+21	1,029704E+22	1,398571E+22
-1952	1,799239E+22	2,124292E+22	2,303482E+22	2,303449E+22	2,124209E+22	1,799155E+22	1,398542E+22	1,029722E+22	8,083555E+21	8,083708E+21	1,029756E+22	1,398567E+22
-1951	1,799158E+22	2,124174E+22	2,303372E+22	2,303395E+22	2,124216E+22	1,799188E+22	1,398581E+22	1,029755E+22	8,083690E+21	8,083585E+21	1,029721E+22	1,398531E+22
-1950	1,799152E+22	2,124232E+22	2,303472E+22	2,303477E+22	2,124265E+22	1,799203E+22	1,398568E+22	1,029738E+22	8,083665E+21	8,083742E+21	1,029766E+22	1,398614E+22
-1949	1,799240E+22	2,124268E+22	2,303440E+22	2,303403E+22	2,124191E+22	1,799157E+22	1,398539E+22	1,029711E+22	8,083425E+21	8,083581E+21	1,029746E+22	1,398567E+22
-1948	1,799164E+22	2,124177E+22	2,303395E+22	2,303434E+22	2,124249E+22	1,799207E+22	1,398580E+22	1,029735E+22	8,083369E+21	8,083203E+21	1,029689E+22	1,398531E+22
-1947	1,799208E+22	2,124305E+22	2,303515E+22	2,303500E+22	2,124274E+22	1,799199E+22	1,398549E+22	1,029700E+22	8,083134E+21	8,083196E+21	1,029721E+22	1,398578E+22
-1946	1,799213E+22	2,124264E+22	2,303461E+22	2,303445E+22	2,124239E+22	1,799188E+22	1,398546E+22	1,029687E+22	8,082865E+21	8,082800E+21	1,029661E+22	1,398498E+22
-1945	1,799131E+22	2,124210E+22	2,303490E+22	2,303530E+22	2,124308E+22	1,799229E+22	1,398567E+22	1,029693E+22	8,082769E+21	8,082611E+21	1,029653E+22	1,398529E+22
-1944	1,799221E+22	2,124307E+22	2,303526E+22	2,303527E+22	2,124288E+22	1,799188E+22	1,398510E+22	1,029639E+22	8,082476E+21	8,082685E+21	1,029693E+22	1,398554E+22
-1943	1,799185E+22	2,124229E+22	2,303430E+22	2,303453E+22	2,124274E+22	1,799218E+22	1,398547E+22	1,029650E+22	8,082256E+21	8,082178E+21	1,029624E+22	1,398499E+22
-1942	1,799170E+22	2,124274E+22	2,303525E+22	2,303533E+22	2,124313E+22	1,799231E+22	1,398546E+22	1,029650E+22	8,082275E+21	8,082220E+21	1,029642E+22	1,398559E+22
-1941	1,799272E+22	2,124356E+22	2,303547E+22	2,303491E+22	2,124234E+22	1,799157E+22	1,398495E+22	1,029619E+22	8,082172E+21	8,082310E+21	1,029650E+22	1,398524E+22
-1940	1,799185E+22	2,124245E+22	2,303473E+22	2,303499E+22	2,124279E+22	1,799195E+22	1,398531E+22	1,029654E+22	8,082374E+21	8,082253E+21	1,029616E+22	1,398480E+22
-1939	1,799178E+22	2,124316E+22	2,303566E+22	2,303562E+22	2,124317E+22	1,799206E+22	1,398521E+22	1,029650E+22	8,082557E+21	8,082676E+21	1,029689E+22	1,398572E+22
-1938	1,799223E+22	2,124282E+22	2,303491E+22	2,303476E+22	2,124255E+22	1,799184E+22	1,398522E+22	1,029656E+22	8,082662E+21	8,082780E+21	1,029677E+22	1,398523E+22
-1937	1,799143E+22	2,124184E+22	2,303436E+22	2,303485E+22	2,124288E+22	1,799232E+22	1,398584E+22	1,029720E+22	8,083131E+21	8,082995E+21	1,029682E+22	1,398538E+22
-1936	1,799212E+22	2,124286E+22	2,303478E+22	2,303467E+22	2,124248E+22	1,799186E+22	1,398551E+22	1,029717E+22	8,083445E+21	8,083595E+21	1,029757E+22	1,398590E+22
-1935	1,799195E+22	2,124212E+22	2,303377E+22	2,303364E+22	2,124188E+22	1,799182E+22	1,398585E+22	1,029758E+22	8,083748E+21	8,083658E+21	1,029723E+22	1,398524E+22
-1934	1,799123E+22	2,124177E+22	2,303416E+22	2,303433E+22	2,124232E+22	1,799202E+22	1,398604E+22	1,029793E+22	8,084182E+21	8,084067E+21	1,029765E+22	1,398584E+22
-1933	1,799214E+22	2,124259E+22	2,303438E+22	2,303400E+22	2,124168E+22	1,799130E+22	1,398543E+22	1,029757E+22	8,084177E+21	8,084414E+21	1,029817E+22	1,398603E+22
-1932	1,799154E+22	2,124137E+22	2,303323E+22	2,303354E+22	2,124188E+22	1,799176E+22	1,398587E+22	1,029787E+22	8,084254E+21	8,084204E+21	1,029768E+22	1,398551E+22
-1931	1,799140E+22	2,124191E+22	2,303412E+22	2,303424E+22	2,124232E+22	1,799198E+22	1,398593E+22	1,029786E+22	8,084254E+21	8,084298E+21	1,029807E+22	1,398635E+22
-1930	1,799238E+22	2,124237E+22	2,303394E+22	2,303370E+22	2,124172E+22	1,799153E+22	1,398561E+22	1,029757E+22	8,083995E+21	8,084077E+21	1,029771E+22	1,398567E+22
-1929	1,799149E+22	2,124154E+22	2,303359E+22	2,303397E+22	2,124220E+22	1,799205E+22	1,398609E+22	1,029788E+22	8,083986E+21	8,083747E+21	1,029724E+22	1,398533E+22
-1928	1,799172E+22	2,124260E+22	2,303468E+22	2,303454E+22	2,124231E+22	1,799173E+22	1,398558E+22	1,029745E+22	8,083794E+21	8,083868E+21	1,029773E+22	1,398596E+22
-1927	1,799187E+22	2,124209E+22	2,303401E+22	2,303395E+22	2,124200E+22	1,799172E+22	1,398559E+22	1,029725E+22	8,083432E+21	8,083405E+21	1,029709E+22	1,398520E+22
-1926	1,799116E+22	2,124156E+22	2,303411E+22	2,303465E+22	2,124274E+22	1,799223E+22	1,398584E+22	1,029732E+22	8,083326E+21	8,083209E+21	1,029702E+22	1,398554E+22
-1925	1,799223E+22	2,124294E+22	2,303477E+22	2,303457E+22	2,124229E+22	1,799160E+22	1,398516E+22	1,029671E+22	8,082937E+21	8,083156E+21	1,029731E+22	1,398582E+22
-1924	1,799198E+22	2,124225E+22	2,303399E+22	2,303402E+22	2,124222E+22	1,799186E+22	1,398547E+22	1,029685E+22	8,082814E+21	8,082707E+21	1,029652E+22	1,398498E+22
-1923	1,799150E+22	2,124252E+22	2,303498E+22	2,303495E+22	2,124270E+22	1,799205E+22	1,398557E+22	1,029697E+22	8,082941E+21	8,082858E+21	1,029683E+22	1,398565E+22
-1922	1,799244E+22	2,124312E+22	2,303513E+22	2,303484E+22	2,124228E+22	1,799145E+22	1,398503E+22	1,029661E+22	8,082819E+21	8,082960E+21	1,029692E+22	1,398530E+22
-1921	1,799157E+22	2,124198E+22	2,303419E+22	2,303467E+22	2,124271E+22	1,799207E+22	1,398561E+22	1,029705E+22	8,083043E+21	8,082925E+21	1,029671E+22	1,398503E+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	1,799149E+22	2,124254E+22	2,303489E+22	2,303495E+22	2,124275E+22	1,799198E+22	1,398550E+22	1,029708E+22	8,083305E+21	8,083421E+21	1,029748E+22	1,398602E+22
-1919	1,799212E+22	2,124230E+22	2,303414E+22	2,303402E+22	2,124203E+22	1,799174E+22	1,398558E+22	1,029721E+22	8,083439E+21	8,083506E+21	1,029727E+22	1,398541E+22
-1918	1,799133E+22	2,124146E+22	2,303361E+22	2,303404E+22	2,124233E+22	1,799219E+22	1,398616E+22	1,029789E+22	8,084010E+21	8,083831E+21	1,029737E+22	1,398549E+22
-1917	1,799193E+22	2,124264E+22	2,303436E+22	2,303399E+22	2,124175E+22	1,799144E+22	1,398558E+22	1,029770E+22	8,084240E+21	8,084407E+21	1,029817E+22	1,398613E+22
-1916	1,799178E+22	2,124174E+22	2,303334E+22	2,303322E+22	2,124143E+22	1,799144E+22	1,398579E+22	1,029800E+22	8,084534E+21	8,084503E+21	1,029785E+22	1,398542E+22
-1915	1,799094E+22	2,124119E+22	2,303350E+22	2,303379E+22	2,124197E+22	1,799185E+22	1,398613E+22	1,029837E+22	8,084891E+21	8,084843E+21	1,029831E+22	1,398621E+22
-1914	1,799205E+22	2,124203E+22	2,303371E+22	2,303361E+22	2,124151E+22	1,799127E+22	1,398559E+22	1,029797E+22	8,084752E+21	8,084998E+21	1,029861E+22	1,398629E+22
-1913	1,799161E+22	2,124115E+22	2,303269E+22	2,303301E+22	2,124161E+22	1,799181E+22	1,398620E+22	1,029838E+22	8,084817E+21	8,084700E+21	1,029804E+22	1,398568E+22
-1912	1,799131E+22	2,124166E+22	2,303364E+22	2,303358E+22	2,124174E+22	1,799175E+22	1,398613E+22	1,029839E+22	8,084904E+21	8,084865E+21	1,029840E+22	1,398640E+22
-1911	1,799217E+22	2,124206E+22	2,303362E+22	2,303330E+22	2,124129E+22	1,799135E+22	1,398582E+22	1,029806E+22	8,084636E+21	8,084668E+21	1,029804E+22	1,398562E+22
-1910	1,799116E+22	2,124110E+22	2,303309E+22	2,303357E+22	2,124197E+22	1,799195E+22	1,398624E+22	1,029832E+22	8,084637E+21	8,084422E+21	1,029770E+22	1,398538E+22
-1909	1,799139E+22	2,124219E+22	2,303417E+22	2,303401E+22	2,124193E+22	1,799155E+22	1,398562E+22	1,029774E+22	8,084286E+21	8,084429E+21	1,029821E+22	1,398625E+22
-1908	1,799181E+22	2,124171E+22	2,303349E+22	2,303347E+22	2,124167E+22	1,799154E+22	1,398561E+22	1,029755E+22	8,083942E+21	8,083940E+21	1,029748E+22	1,398539E+22
-1907	1,799110E+22	2,124122E+22	2,303350E+22	2,303401E+22	2,124230E+22	1,799206E+22	1,398600E+22	1,029775E+22	8,083884E+21	8,083737E+21	1,029741E+22	1,398576E+22
-1906	1,799224E+22	2,124270E+22	2,303439E+22	2,303420E+22	2,124197E+22	1,799143E+22	1,398529E+22	1,029713E+22	8,083505E+21	8,083667E+21	1,029759E+22	1,398587E+22
-1905	1,799189E+22	2,124211E+22	2,303377E+22	2,303372E+22	2,124191E+22	1,799173E+22	1,398566E+22	1,029733E+22	8,083438E+21	8,083306E+21	1,029694E+22	1,398505E+22
-1904	1,799114E+22	2,124204E+22	2,303454E+22	2,303455E+22	2,124233E+22	1,799179E+22	1,398564E+22	1,029744E+22	8,083653E+21	8,083595E+21	1,029739E+22	1,398586E+22
-1903	1,799217E+22	2,124254E+22	2,303451E+22	2,303436E+22	2,124203E+22	1,799143E+22	1,398525E+22	1,029706E+22	8,083497E+21	8,083678E+21	1,029746E+22	1,398553E+22
-1902	1,799139E+22	2,124142E+22	2,303336E+22	2,303396E+22	2,124240E+22	1,799211E+22	1,398593E+22	1,029762E+22	8,083790E+21	8,083684E+21	1,029726E+22	1,398526E+22
-1901	1,799140E+22	2,124223E+22	2,303424E+22	2,303413E+22	2,124213E+22	1,799177E+22	1,398571E+22	1,029762E+22	8,084018E+21	8,084111E+21	1,029798E+22	1,398628E+22
-1900	1,799211E+22	2,124207E+22	2,303366E+22	2,303337E+22	2,124144E+22	1,799141E+22	1,398567E+22	1,029776E+22	8,084259E+21	8,084276E+21	1,029772E+22	1,398547E+22
-1899	1,799105E+22	2,124103E+22	2,303310E+22	2,303346E+22	2,124180E+22	1,799188E+22	1,398630E+22	1,029848E+22	8,084854E+21	8,084673E+21	1,029797E+22	1,398570E+22
-1898	1,799168E+22	2,124207E+22	2,303384E+22	2,303370E+22	2,124153E+22	1,799126E+22	1,398567E+22	1,029816E+22	8,084970E+21	8,085171E+21	1,029873E+22	1,398636E+22
-1897	1,799163E+22	2,124130E+22	2,303277E+22	2,303275E+22	2,124120E+22	1,799145E+22	1,398603E+22	1,029848E+22	8,085177E+21	8,085189E+21	1,029844E+22	1,398574E+22
-1896	1,799079E+22	2,124070E+22	2,303285E+22	2,303315E+22	2,124152E+22	1,799170E+22	1,398633E+22	1,029887E+22	8,085561E+21	8,085510E+21	1,029883E+22	1,398652E+22
-1895	1,799208E+22	2,124172E+22	2,303311E+22	2,303294E+22	2,124108E+22	1,799122E+22	1,398589E+22	1,029850E+22	8,085402E+21	8,085584E+21	1,029895E+22	1,398635E+22
-1894	1,799150E+22	2,124090E+22	2,303218E+22	2,303239E+22	2,124119E+22	1,799173E+22	1,398649E+22	1,029896E+22	8,085544E+21	8,085361E+21	1,029840E+22	1,398563E+22
-1893	1,799103E+22	2,124142E+22	2,303337E+22	2,303313E+22	2,124123E+22	1,799143E+22	1,398620E+22	1,029882E+22	8,085541E+21	8,085499E+21	1,029882E+22	1,398649E+22
-1892	1,799190E+22	2,124161E+22	2,303322E+22	2,303298E+22	2,124100E+22	1,799107E+22	1,398575E+22	1,029840E+22	8,085263E+21	8,085326E+21	1,029850E+22	1,398572E+22
-1891	1,799082E+22	2,124048E+22	2,303241E+22	2,303301E+22	2,124167E+22	1,799186E+22	1,398634E+22	1,029867E+22	8,085191E+21	8,085039E+21	1,029824E+22	1,398571E+22
-1890	1,799132E+22	2,124164E+22	2,303353E+22	2,303354E+22	2,124167E+22	1,799148E+22	1,398575E+22	1,029806E+22	8,084740E+21	8,084891E+21	1,029855E+22	1,398648E+22
-1889	1,799191E+22	2,124157E+22	2,303304E+22	2,303291E+22	2,124129E+22	1,799147E+22	1,398583E+22	1,029796E+22	8,084419E+21	8,084387E+21	1,029782E+22	1,398554E+22
-1888	1,799102E+22	2,124103E+22	2,303318E+22	2,303346E+22	2,124172E+22	1,799174E+22	1,398608E+22	1,029819E+22	8,084498E+21	8,084307E+21	1,029776E+22	1,398585E+22
-1887	1,799209E+22	2,124243E+22	2,303411E+22	2,303386E+22	2,124163E+22	1,799126E+22	1,398542E+22	1,029756E+22	8,084138E+21	8,084289E+21	1,029796E+22	1,398587E+22
-1886	1,799160E+22	2,124169E+22	2,303333E+22	2,303339E+22	2,124178E+22	1,799171E+22	1,398583E+22	1,029779E+22	8,084119E+21	8,084030E+21	1,029746E+22	1,398517E+22
-1885	1,799088E+22	2,124159E+22	2,303401E+22	2,303404E+22	2,124200E+22	1,799170E+22	1,398578E+22	1,029783E+22	8,084248E+21	8,084248E+21	1,029792E+22	1,398615E+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	1,799209E+22	2,124209E+22	2,303391E+22	2,303382E+22	2,124169E+22	1,799132E+22	1,398541E+22	1,029755E+22	8,084188E+21	8,084351E+21	1,029793E+22	1,398571E+22
-1883	1,799127E+22	2,124098E+22	2,303264E+22	2,303316E+22	2,124189E+22	1,799200E+22	1,398622E+22	1,029824E+22	8,084571E+21	8,084428E+21	1,029779E+22	1,398549E+22
-1882	1,799129E+22	2,124177E+22	2,303369E+22	2,303356E+22	2,124166E+22	1,799158E+22	1,398593E+22	1,029821E+22	8,084807E+21	8,084849E+21	1,029842E+22	1,398637E+22
-1881	1,799196E+22	2,124177E+22	2,303327E+22	2,303288E+22	2,124098E+22	1,799120E+22	1,398587E+22	1,029836E+22	8,085060E+21	8,085094E+21	1,029835E+22	1,398567E+22
-1880	1,799074E+22	2,124044E+22	2,303248E+22	2,303285E+22	2,124126E+22	1,799152E+22	1,398633E+22	1,029898E+22	8,085665E+21	8,085531E+21	1,029865E+22	1,398604E+22
-1879	1,799154E+22	2,124149E+22	2,303313E+22	2,303303E+22	2,124114E+22	1,799119E+22	1,398586E+22	1,029862E+22	8,085672E+21	8,085917E+21	1,029930E+22	1,398664E+22
-1878	1,799159E+22	2,124090E+22	2,303211E+22	2,303207E+22	2,124080E+22	1,799141E+22	1,398630E+22	1,029901E+22	8,085878E+21	8,085886E+21	1,029892E+22	1,398592E+22
-1877	1,799078E+22	2,124052E+22	2,303236E+22	2,303245E+22	2,124093E+22	1,799147E+22	1,398650E+22	1,029935E+22	8,086194E+21	8,086102E+21	1,029919E+22	1,398663E+22
-1876	1,799200E+22	2,124153E+22	2,303283E+22	2,303252E+22	2,124066E+22	1,799096E+22	1,398596E+22	1,029899E+22	8,086117E+21	8,086223E+21	1,029927E+22	1,398627E+22
-1875	1,799112E+22	2,124044E+22	2,303178E+22	2,303200E+22	2,124087E+22	1,799158E+22	1,398664E+22	1,029946E+22	8,086251E+21	8,086065E+21	1,029889E+22	1,398573E+22
-1874	1,799067E+22	2,124072E+22	2,303284E+22	2,303291E+22	2,124112E+22	1,799138E+22	1,398631E+22	1,029919E+22	8,086116E+21	8,086104E+21	1,029926E+22	1,398662E+22
-1873	1,799170E+22	2,124112E+22	2,303267E+22	2,303254E+22	2,124080E+22	1,799112E+22	1,398598E+22	1,029879E+22	8,085755E+21	8,085880E+21	1,029902E+22	1,398601E+22
-1872	1,799070E+22	2,123997E+22	2,303174E+22	2,303233E+22	2,124117E+22	1,799166E+22	1,398648E+22	1,029908E+22	8,085732E+21	8,085583E+21	1,029869E+22	1,398603E+22
-1871	1,799144E+22	2,124141E+22	2,303298E+22	2,303284E+22	2,124120E+22	1,799140E+22	1,398596E+22	1,029847E+22	8,085285E+21	8,085403E+21	1,029887E+22	1,398656E+22
-1870	1,799190E+22	2,124146E+22	2,303274E+22	2,303238E+22	2,124084E+22	1,799131E+22	1,398601E+22	1,029843E+22	8,085053E+21	8,084998E+21	1,029818E+22	1,398554E+22
-1869	1,799087E+22	2,124088E+22	2,303299E+22	2,303311E+22	2,124127E+22	1,799141E+22	1,398607E+22	1,029853E+22	8,085075E+21	8,084923E+21	1,029820E+22	1,398597E+22
-1868	1,799190E+22	2,124204E+22	2,303376E+22	2,303361E+22	2,124144E+22	1,799105E+22	1,398538E+22	1,029790E+22	8,084761E+21	8,084935E+21	1,029842E+22	1,398598E+22
-1867	1,799132E+22	2,124109E+22	2,303268E+22	2,303286E+22	2,124155E+22	1,799173E+22	1,398605E+22	1,029823E+22	8,084744E+21	8,084698E+21	1,029802E+22	1,398548E+22
-1866	1,799078E+22	2,124098E+22	2,303335E+22	2,303354E+22	2,124172E+22	1,799170E+22	1,398607E+22	1,029832E+22	8,084857E+21	8,084829E+21	1,029831E+22	1,398630E+22
-1865	1,799207E+22	2,124181E+22	2,303337E+22	2,303314E+22	2,124122E+22	1,799126E+22	1,398574E+22	1,029814E+22	8,084871E+21	8,084999E+21	1,029840E+22	1,398584E+22
-1864	1,799106E+22	2,124059E+22	2,303215E+22	2,303245E+22	2,124118E+22	1,799164E+22	1,398638E+22	1,029885E+22	8,085410E+21	8,085230E+21	1,029832E+22	1,398564E+22
-1863	1,799112E+22	2,124134E+22	2,303315E+22	2,303294E+22	2,124116E+22	1,799137E+22	1,398607E+22	1,029875E+22	8,085621E+21	8,085682E+21	1,029898E+22	1,398647E+22
-1862	1,799170E+22	2,124125E+22	2,303265E+22	2,303233E+22	2,124064E+22	1,799108E+22	1,398603E+22	1,029888E+22	8,085864E+21	8,085953E+21	1,029899E+22	1,398590E+22
-1861	1,799060E+22	2,124001E+22	2,303190E+22	2,303226E+22	2,124080E+22	1,799132E+22	1,398642E+22	1,029939E+22	8,086324E+21	8,086253E+21	1,029924E+22	1,398639E+22
-1860	1,799155E+22	2,124112E+22	2,303257E+22	2,303249E+22	2,124076E+22	1,799099E+22	1,398598E+22	1,029912E+22	8,086377E+21	8,086579E+21	1,029974E+22	1,398678E+22
-1859	1,799147E+22	2,124054E+22	2,303155E+22	2,303143E+22	2,124039E+22	1,799135E+22	1,398659E+22	1,029960E+22	8,086614E+21	8,086577E+21	1,029939E+22	1,398606E+22
-1858	1,799059E+22	2,124008E+22	2,303199E+22	2,303209E+22	2,124057E+22	1,799134E+22	1,398672E+22	1,029988E+22	8,086894E+21	8,086750E+21	1,029955E+22	1,398658E+22
-1857	1,799170E+22	2,124114E+22	2,303248E+22	2,303219E+22	2,124038E+22	1,799086E+22	1,398617E+22	1,029949E+22	8,086783E+21	8,086926E+21	1,029982E+22	1,398638E+22
-1856	1,799072E+22	2,123976E+22	2,303112E+22	2,303144E+22	2,124046E+22	1,799136E+22	1,398671E+22	1,029988E+22	8,086919E+21	8,086788E+21	1,029948E+22	1,398605E+22
-1855	1,799057E+22	2,124012E+22	2,303201E+22	2,303216E+22	2,124075E+22	1,799139E+22	1,398650E+22	1,029956E+22	8,086667E+21	8,086697E+21	1,029973E+22	1,398688E+22
-1854	1,799174E+22	2,124079E+22	2,303201E+22	2,303184E+22	2,124035E+22	1,799103E+22	1,398621E+22	1,029922E+22	8,086312E+21	8,086425E+21	1,029942E+22	1,398621E+22
-1853	1,799083E+22	2,123993E+22	2,303138E+22	2,303170E+22	2,124053E+22	1,799132E+22	1,398651E+22	1,029941E+22	8,086219E+21	8,086054E+21	1,029900E+22	1,398615E+22
-1852	1,799147E+22	2,124136E+22	2,303286E+22	2,303255E+22	2,124077E+22	1,799103E+22	1,398593E+22	1,029885E+22	8,085865E+21	8,085929E+21	1,029915E+22	1,398650E+22
-1851	1,799163E+22	2,124115E+22	2,303251E+22	2,303216E+22	2,124062E+22	1,799119E+22	1,398610E+22	1,029881E+22	8,085637E+21	8,085612E+21	1,029863E+22	1,398565E+22
-1850	1,799056E+22	2,124030E+22	2,303260E+22	2,303297E+22	2,124122E+22	1,799144E+22	1,398622E+22	1,029888E+22	8,085597E+21	8,085470E+21	1,029858E+22	1,398604E+22
-1849	1,799169E+22	2,124160E+22	2,303329E+22	2,303325E+22	2,124131E+22	1,799119E+22	1,398570E+22	1,029835E+22	8,085300E+21	8,085513E+21	1,029891E+22	1,398619E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799113E+22	2,124052E+22	2,303194E+22	2,303214E+22	2,124103E+22	1,799159E+22	1,398630E+22	1,029879E+22	8,085444E+21	8,085361E+21	1,029850E+22	1,398573E+22
-1847	1,799077E+22	2,124056E+22	2,303257E+22	2,303267E+22	2,124118E+22	1,799165E+22	1,398638E+22	1,029892E+22	8,085626E+21	8,085542E+21	1,029875E+22	1,398636E+22
-1846	1,799191E+22	2,124149E+22	2,303289E+22	2,303249E+22	2,124062E+22	1,799102E+22	1,398597E+22	1,029879E+22	8,085736E+21	8,085846E+21	1,029895E+22	1,398594E+22
-1845	1,799085E+22	2,124021E+22	2,303169E+22	2,303189E+22	2,124053E+22	1,799117E+22	1,398634E+22	1,029930E+22	8,086183E+21	8,086073E+21	1,029898E+22	1,398591E+22
-1844	1,799097E+22	2,124086E+22	2,303260E+22	2,303248E+22	2,124077E+22	1,799104E+22	1,398603E+22	1,029917E+22	8,086377E+21	8,086489E+21	1,029961E+22	1,398673E+22
-1843	1,799153E+22	2,124071E+22	2,303196E+22	2,303171E+22	2,124028E+22	1,799101E+22	1,398622E+22	1,029935E+22	8,086555E+21	8,086704E+21	1,029962E+22	1,398626E+22
-1842	1,799057E+22	2,123954E+22	2,303132E+22	2,303176E+22	2,124046E+22	1,799128E+22	1,398669E+22	1,029990E+22	8,086960E+21	8,086850E+21	1,029963E+22	1,398650E+22
-1841	1,799151E+22	2,124093E+22	2,303218E+22	2,303199E+22	2,124038E+22	1,799096E+22	1,398632E+22	1,029971E+22	8,087059E+21	8,087220E+21	1,030017E+22	1,398682E+22
-1840	1,799116E+22	2,124007E+22	2,303109E+22	2,303091E+22	2,123986E+22	1,799110E+22	1,398679E+22	1,030020E+22	8,087414E+21	8,087329E+21	1,029987E+22	1,398616E+22
-1839	1,799034E+22	2,123951E+22	2,303134E+22	2,303156E+22	2,124028E+22	1,799131E+22	1,398694E+22	1,030040E+22	8,087630E+21	8,087498E+21	1,030007E+22	1,398664E+22
-1838	1,799137E+22	2,124057E+22	2,303182E+22	2,303165E+22	2,124008E+22	1,799083E+22	1,398640E+22	1,029998E+22	8,087467E+21	8,087647E+21	1,030038E+22	1,398663E+22
-1837	1,799063E+22	2,123933E+22	2,303048E+22	2,303078E+22	2,123993E+22	1,799112E+22	1,398678E+22	1,030022E+22	8,087449E+21	8,087373E+21	1,030000E+22	1,398640E+22
-1836	1,799070E+22	2,123990E+22	2,303148E+22	2,303158E+22	2,124026E+22	1,799109E+22	1,398656E+22	1,029996E+22	8,087220E+21	8,087203E+21	1,030007E+22	1,398701E+22
-1835	1,799173E+22	2,124063E+22	2,303160E+22	2,303128E+22	2,123990E+22	1,799088E+22	1,398637E+22	1,029965E+22	8,086878E+21	8,086961E+21	1,029978E+22	1,398634E+22
-1834	1,799073E+22	2,123973E+22	2,303127E+22	2,303154E+22	2,124021E+22	1,799111E+22	1,398661E+22	1,029978E+22	8,086742E+21	8,086546E+21	1,029928E+22	1,398611E+22
-1833	1,799124E+22	2,124110E+22	2,303268E+22	2,303243E+22	2,124062E+22	1,799094E+22	1,398605E+22	1,029921E+22	8,086380E+21	8,086497E+21	1,029960E+22	1,398657E+22
-1832	1,799122E+22	2,124051E+22	2,303195E+22	2,303180E+22	2,124036E+22	1,799109E+22	1,398622E+22	1,029920E+22	8,086228E+21	8,086240E+21	1,029914E+22	1,398591E+22
-1831	1,799045E+22	2,123973E+22	2,303177E+22	2,303228E+22	2,124095E+22	1,799154E+22	1,398650E+22	1,029932E+22	8,086181E+21	8,086065E+21	1,029901E+22	1,398617E+22
-1830	1,799155E+22	2,124117E+22	2,303257E+22	2,303251E+22	2,124084E+22	1,799115E+22	1,398603E+22	1,029893E+22	8,085992E+21	8,086152E+21	1,029932E+22	1,398633E+22
-1829	1,799111E+22	2,124029E+22	2,303141E+22	2,303141E+22	2,124031E+22	1,799122E+22	1,398640E+22	1,029928E+22	8,086151E+21	8,086047E+21	1,029897E+22	1,398589E+22
-1828	1,799070E+22	2,124031E+22	2,303216E+22	2,303217E+22	2,124058E+22	1,799118E+22	1,398638E+22	1,029944E+22	8,086415E+21	8,086299E+21	1,029924E+22	1,398643E+22
-1827	1,799161E+22	2,124102E+22	2,303237E+22	2,303204E+22	2,124025E+22	1,799081E+22	1,398607E+22	1,029926E+22	8,086491E+21	8,086668E+21	1,029962E+22	1,398623E+22
-1826	1,799062E+22	2,123965E+22	2,303120E+22	2,303157E+22	2,124028E+22	1,799106E+22	1,398646E+22	1,029970E+22	8,086812E+21	8,086759E+21	1,029953E+22	1,398616E+22
-1825	1,799088E+22	2,124048E+22	2,303208E+22	2,303204E+22	2,124050E+22	1,799105E+22	1,398631E+22	1,029965E+22	8,086993E+21	8,087161E+21	1,030018E+22	1,398700E+22
-1824	1,799140E+22	2,124022E+22	2,303128E+22	2,303105E+22	2,123980E+22	1,799089E+22	1,398650E+22	1,029995E+22	8,087317E+21	8,087418E+21	1,030012E+22	1,398649E+22
-1823	1,799056E+22	2,123921E+22	2,303062E+22	2,303098E+22	2,124002E+22	1,799130E+22	1,398705E+22	1,030055E+22	8,087773E+21	8,087590E+21	1,030004E+22	1,398647E+22
-1822	1,799120E+22	2,124056E+22	2,303173E+22	2,303146E+22	2,123991E+22	1,799083E+22	1,398664E+22	1,030040E+22	8,087941E+21	8,088041E+21	1,030067E+22	1,398689E+22
-1821	1,799088E+22	2,123957E+22	2,303052E+22	2,303039E+22	2,123934E+22	1,799073E+22	1,398683E+22	1,030068E+22	8,088173E+21	8,088132E+21	1,030050E+22	1,398642E+22
-1820	1,799016E+22	2,123896E+22	2,303063E+22	2,303100E+22	2,123987E+22	1,799102E+22	1,398697E+22	1,030083E+22	8,088309E+21	8,088203E+21	1,030063E+22	1,398691E+22
-1819	1,799123E+22	2,124007E+22	2,303110E+22	2,303097E+22	2,123966E+22	1,799073E+22	1,398658E+22	1,030039E+22	8,088040E+21	8,088261E+21	1,030092E+22	1,398698E+22
-1818	1,799065E+22	2,123905E+22	2,303004E+22	2,303028E+22	2,123947E+22	1,799093E+22	1,398691E+22	1,030059E+22	8,087922E+21	8,087808E+21	1,030027E+22	1,398650E+22
-1817	1,799073E+22	2,123992E+22	2,303134E+22	2,303123E+22	2,123988E+22	1,799093E+22	1,398671E+22	1,030035E+22	8,087718E+21	8,087693E+21	1,030039E+22	1,398701E+22
-1816	1,799147E+22	2,124034E+22	2,303135E+22	2,303101E+22	2,123952E+22	1,799060E+22	1,398643E+22	1,030007E+22	8,087483E+21	8,087538E+21	1,030014E+22	1,398638E+22
-1815	1,799049E+22	2,123929E+22	2,303074E+22	2,303121E+22	2,124014E+22	1,799117E+22	1,398676E+22	1,030017E+22	8,087317E+21	8,087133E+21	1,029967E+22	1,398610E+22
-1814	1,799085E+22	2,124058E+22	2,303215E+22	2,303208E+22	2,124049E+22	1,799103E+22	1,398633E+22	1,029967E+22	8,086977E+21	8,087091E+21	1,030004E+22	1,398675E+22
-1813	1,799108E+22	2,124001E+22	2,303127E+22	2,303120E+22	2,123993E+22	1,799092E+22	1,398637E+22	1,029961E+22	8,086785E+21	8,086816E+21	1,029961E+22	1,398620E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799049E+22	2,123940E+22	2,303107E+22	2,303160E+22	2,124043E+22	1,799129E+22	1,398667E+22	1,029984E+22	8,086837E+21	8,086664E+21	1,029942E+22	1,398630E+22
-1811	1,799141E+22	2,124088E+22	2,303202E+22	2,303182E+22	2,124028E+22	1,799095E+22	1,398625E+22	1,029947E+22	8,086711E+21	8,086856E+21	1,029983E+22	1,398650E+22
-1810	1,799092E+22	2,123997E+22	2,303113E+22	2,303105E+22	2,123981E+22	1,799088E+22	1,398646E+22	1,029974E+22	8,086836E+21	8,086740E+21	1,029945E+22	1,398600E+22
-1809	1,799050E+22	2,124000E+22	2,303182E+22	2,303186E+22	2,124027E+22	1,799096E+22	1,398644E+22	1,029985E+22	8,087082E+21	8,087063E+21	1,029989E+22	1,398666E+22
-1808	1,799132E+22	2,124040E+22	2,303167E+22	2,303149E+22	2,123988E+22	1,799064E+22	1,398618E+22	1,029972E+22	8,087205E+21	8,087427E+21	1,030025E+22	1,398662E+22
-1807	1,799063E+22	2,123918E+22	2,303036E+22	2,303084E+22	2,123998E+22	1,799115E+22	1,398677E+22	1,030023E+22	8,087507E+21	8,087444E+21	1,030001E+22	1,398633E+22
-1806	1,799078E+22	2,124015E+22	2,303149E+22	2,303138E+22	2,124006E+22	1,799103E+22	1,398671E+22	1,030034E+22	8,087791E+21	8,087856E+21	1,030059E+22	1,398710E+22
-1805	1,799130E+22	2,123995E+22	2,303080E+22	2,303043E+22	2,123918E+22	1,799058E+22	1,398669E+22	1,030056E+22	8,088133E+21	8,088183E+21	1,030060E+22	1,398660E+22
-1804	1,799037E+22	2,123886E+22	2,303014E+22	2,303050E+22	2,123953E+22	1,799095E+22	1,398717E+22	1,030116E+22	8,088624E+21	8,088402E+21	1,030057E+22	1,398649E+22
-1803	1,799075E+22	2,123993E+22	2,303109E+22	2,303096E+22	2,123961E+22	1,799072E+22	1,398681E+22	1,030093E+22	8,088716E+21	8,088864E+21	1,030133E+22	1,398715E+22
-1802	1,799060E+22	2,123899E+22	2,302997E+22	2,302996E+22	2,123902E+22	1,799062E+22	1,398696E+22	1,030108E+22	8,088778E+21	8,088776E+21	1,030102E+22	1,398671E+22
-1801	1,799012E+22	2,123862E+22	2,303007E+22	2,303046E+22	2,123949E+22	1,799090E+22	1,398715E+22	1,030122E+22	8,088840E+21	8,088786E+21	1,030113E+22	1,398716E+22
-1800	1,799115E+22	2,123968E+22	2,303046E+22	2,303031E+22	2,123916E+22	1,799053E+22	1,398674E+22	1,030086E+22	8,088649E+21	8,088827E+21	1,030132E+22	1,398721E+22
-1799	1,799072E+22	2,123891E+22	2,302957E+22	2,302969E+22	2,123910E+22	1,799086E+22	1,398710E+22	1,030103E+22	8,088522E+21	8,088363E+21	1,030057E+22	1,398645E+22
-1798	1,799045E+22	2,123967E+22	2,303110E+22	2,303094E+22	2,123957E+22	1,799077E+22	1,398688E+22	1,030083E+22	8,088364E+21	8,088294E+21	1,030075E+22	1,398706E+22
-1797	1,799122E+22	2,123989E+22	2,303091E+22	2,303070E+22	2,123924E+22	1,799035E+22	1,398640E+22	1,030038E+22	8,088046E+21	8,088156E+21	1,030062E+22	1,398660E+22
-1796	1,799035E+22	2,123883E+22	2,303010E+22	2,303072E+22	2,123985E+22	1,799101E+22	1,398684E+22	1,030054E+22	8,087863E+21	8,087697E+21	1,030010E+22	1,398628E+22
-1795	1,799065E+22	2,124006E+22	2,303142E+22	2,303143E+22	2,124016E+22	1,799103E+22	1,398658E+22	1,030011E+22	8,087531E+21	8,087646E+21	1,030048E+22	1,398699E+22
-1794	1,799101E+22	2,123973E+22	2,303083E+22	2,303064E+22	2,123945E+22	1,799073E+22	1,398654E+22	1,030005E+22	8,087332E+21	8,087309E+21	1,029992E+22	1,398630E+22
-1793	1,799045E+22	2,123931E+22	2,303080E+22	2,303112E+22	2,123994E+22	1,799104E+22	1,398681E+22	1,030029E+22	8,087458E+21	8,087295E+21	1,029986E+22	1,398637E+22
-1792	1,799112E+22	2,124045E+22	2,303157E+22	2,303137E+22	2,123981E+22	1,799064E+22	1,398632E+22	1,029996E+22	8,087447E+21	8,087599E+21	1,030036E+22	1,398672E+22
-1791	1,799076E+22	2,123953E+22	2,303049E+22	2,303054E+22	2,123961E+22	1,799085E+22	1,398660E+22	1,030018E+22	8,087534E+21	8,087482E+21	1,029998E+22	1,398614E+22
-1790	1,799023E+22	2,123954E+22	2,303129E+22	2,303139E+22	2,124001E+22	1,799096E+22	1,398672E+22	1,030040E+22	8,087807E+21	8,087778E+21	1,030041E+22	1,398695E+22
-1789	1,799128E+22	2,123995E+22	2,303099E+22	2,303088E+22	2,123942E+22	1,799044E+22	1,398636E+22	1,030024E+22	8,087923E+21	8,088139E+21	1,030078E+22	1,398691E+22
-1788	1,799067E+22	2,123890E+22	2,302972E+22	2,303015E+22	2,123946E+22	1,799093E+22	1,398703E+22	1,030089E+22	8,088325E+21	8,088178E+21	1,030046E+22	1,398641E+22
-1787	1,799052E+22	2,123977E+22	2,303097E+22	2,303077E+22	2,123958E+22	1,799090E+22	1,398703E+22	1,030103E+22	8,088669E+21	8,088691E+21	1,030114E+22	1,398721E+22
-1786	1,799094E+22	2,123948E+22	2,303043E+22	2,303003E+22	2,123873E+22	1,799030E+22	1,398683E+22	1,030112E+22	8,088933E+21	8,088983E+21	1,030116E+22	1,398672E+22
-1785	1,799006E+22	2,123837E+22	2,302960E+22	2,303006E+22	2,123923E+22	1,799079E+22	1,398727E+22	1,030160E+22	8,089344E+21	8,089230E+21	1,030126E+22	1,398678E+22
-1784	1,799045E+22	2,123920E+22	2,303022E+22	2,303023E+22	2,123916E+22	1,799055E+22	1,398694E+22	1,030137E+22	8,089402E+21	8,089599E+21	1,030194E+22	1,398757E+22
-1783	1,799066E+22	2,123854E+22	2,302908E+22	2,302912E+22	2,123862E+22	1,799059E+22	1,398717E+22	1,030153E+22	8,089386E+21	8,089376E+21	1,030144E+22	1,398689E+22
-1782	1,799010E+22	2,123844E+22	2,302964E+22	2,302986E+22	2,123902E+22	1,799075E+22	1,398738E+22	1,030175E+22	8,089483E+21	8,089333E+21	1,030144E+22	1,398730E+22
-1781	1,799115E+22	2,123951E+22	2,303015E+22	2,302984E+22	2,123861E+22	1,799015E+22	1,398677E+22	1,030127E+22	8,089262E+21	8,089410E+21	1,030167E+22	1,398728E+22
-1780	1,799059E+22	2,123869E+22	2,302930E+22	2,302942E+22	2,123877E+22	1,799057E+22	1,398714E+22	1,030145E+22	8,089120E+21	8,088948E+21	1,030094E+22	1,398645E+22
-1779	1,799007E+22	2,123917E+22	2,303066E+22	2,303064E+22	2,123945E+22	1,799079E+22	1,398704E+22	1,030120E+22	8,088914E+21	8,088885E+21	1,030121E+22	1,398721E+22
-1778	1,799092E+22	2,123940E+22	2,303051E+22	2,303037E+22	2,123905E+22	1,799034E+22	1,398656E+22	1,030070E+22	8,088497E+21	8,088626E+21	1,030099E+22	1,398678E+22
-1777	1,799029E+22	2,123853E+22	2,302960E+22	2,303022E+22	2,123957E+22	1,799098E+22	1,398705E+22	1,030091E+22	8,088358E+21	8,088226E+21	1,030052E+22	1,398645E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
-1776	1,799050E+22	2,123961E+22	2,303074E+22	2,303072E+22	2,123966E+22	1,799087E+22	1,398679E+22	1,030062E+22	8,088180E+21	8,088239E+21	1,030086E+22	1,398717E+22
-1775	1,799100E+22	2,123950E+22	2,303028E+22	2,302999E+22	2,123902E+22	1,799060E+22	1,398673E+22	1,030056E+22	8,088035E+21	8,087978E+21	1,030032E+22	1,398632E+22
-1774	1,799017E+22	2,123898E+22	2,303050E+22	2,303075E+22	2,123953E+22	1,799078E+22	1,398693E+22	1,030082E+22	8,088213E+21	8,088026E+21	1,030036E+22	1,398656E+22
-1773	1,799093E+22	2,123993E+22	2,303103E+22	2,303090E+22	2,123941E+22	1,799032E+22	1,398630E+22	1,030035E+22	8,088136E+21	8,088364E+21	1,030099E+22	1,398707E+22
-1772	1,799073E+22	2,123913E+22	2,302986E+22	2,302995E+22	2,123920E+22	1,799065E+22	1,398672E+22	1,030064E+22	8,088196E+21	8,088180E+21	1,030053E+22	1,398640E+22
-1771	1,799010E+22	2,123908E+22	2,303060E+22	2,303072E+22	2,123964E+22	1,799094E+22	1,398701E+22	1,030094E+22	8,088507E+21	8,088468E+21	1,030090E+22	1,398716E+22
-1770	1,799118E+22	2,123969E+22	2,303062E+22	2,303034E+22	2,123897E+22	1,799028E+22	1,398659E+22	1,030080E+22	8,088644E+21	8,088795E+21	1,030117E+22	1,398698E+22
-1769	1,799052E+22	2,123869E+22	2,302940E+22	2,302968E+22	2,123902E+22	1,799072E+22	1,398722E+22	1,030145E+22	8,089121E+21	8,088984E+21	1,030099E+22	1,398645E+22
-1768	1,799005E+22	2,123904E+22	2,303030E+22	2,303023E+22	2,123918E+22	1,799070E+22	1,398720E+22	1,030163E+22	8,089532E+21	8,089558E+21	1,030175E+22	1,398742E+22
-1767	1,799069E+22	2,123884E+22	2,302959E+22	2,302939E+22	2,123849E+22	1,799031E+22	1,398703E+22	1,030164E+22	8,089702E+21	8,089796E+21	1,030177E+22	1,398694E+22
-1766	1,798981E+22	2,123780E+22	2,302892E+22	2,302940E+22	2,123880E+22	1,799071E+22	1,398754E+22	1,030215E+22	8,090061E+21	8,089933E+21	1,030181E+22	1,398715E+22
-1765	1,799050E+22	2,123874E+22	2,302948E+22	2,302946E+22	2,123857E+22	1,799028E+22	1,398706E+22	1,030183E+22	8,090055E+21	8,090255E+21	1,030243E+22	1,398789E+22
-1764	1,799083E+22	2,123843E+22	2,302860E+22	2,302842E+22	2,123800E+22	1,799028E+22	1,398732E+22	1,030204E+22	8,090037E+21	8,089979E+21	1,030180E+22	1,398694E+22
-1763	1,798995E+22	2,123824E+22	2,302936E+22	2,302942E+22	2,123859E+22	1,799057E+22	1,398754E+22	1,030223E+22	8,090145E+21	8,089973E+21	1,030184E+22	1,398732E+22
-1762	1,799085E+22	2,123922E+22	2,303002E+22	2,302968E+22	2,123837E+22	1,798993E+22	1,398679E+22	1,030163E+22	8,089827E+21	8,089982E+21	1,030205E+22	1,398733E+22
-1761	1,799033E+22	2,123830E+22	2,302896E+22	2,302918E+22	2,123867E+22	1,799053E+22	1,398721E+22	1,030173E+22	8,089632E+21	8,089554E+21	1,030143E+22	1,398661E+22
-1760	1,798974E+22	2,123845E+22	2,302991E+22	2,303007E+22	2,123919E+22	1,799080E+22	1,398726E+22	1,030160E+22	8,089454E+21	8,089441E+21	1,030164E+22	1,398746E+22
-1759	1,799091E+22	2,123897E+22	2,302973E+22	2,302965E+22	2,123875E+22	1,799039E+22	1,398684E+22	1,030116E+22	8,089052E+21	8,089141E+21	1,030131E+22	1,398685E+22
-1758	1,799018E+22	2,123832E+22	2,302921E+22	2,302961E+22	2,123907E+22	1,799083E+22	1,398730E+22	1,030146E+22	8,089016E+21	8,088785E+21	1,030084E+22	1,398658E+22
-1757	1,799044E+22	2,123930E+22	2,303034E+22	2,303016E+22	2,123907E+22	1,799047E+22	1,398680E+22	1,030106E+22	8,088865E+21	8,088926E+21	1,030132E+22	1,398731E+22
-1756	1,799090E+22	2,123919E+22	2,302989E+22	2,302958E+22	2,123859E+22	1,799027E+22	1,398676E+22	1,030100E+22	8,088707E+21	8,088690E+21	1,030084E+22	1,398646E+22
-1755	1,798990E+22	2,123850E+22	2,303003E+22	2,303037E+22	2,123932E+22	1,799073E+22	1,398706E+22	1,030122E+22	8,088850E+21	8,088739E+21	1,030094E+22	1,398684E+22
-1754	1,799076E+22	2,123951E+22	2,303060E+22	2,303047E+22	2,123911E+22	1,799023E+22	1,398644E+22	1,030074E+22	8,088697E+21	8,088953E+21	1,030145E+22	1,398731E+22
-1753	1,799073E+22	2,123884E+22	2,302939E+22	2,302944E+22	2,123889E+22	1,799061E+22	1,398695E+22	1,030109E+22	8,088838E+21	8,088852E+21	1,030101E+22	1,398655E+22
-1752	1,798992E+22	2,123860E+22	2,302994E+22	2,303000E+22	2,123915E+22	1,799085E+22	1,398732E+22	1,030158E+22	8,089312E+21	8,089213E+21	1,030136E+22	1,398726E+22
-1751	1,799100E+22	2,123928E+22	2,302999E+22	2,302969E+22	2,123857E+22	1,799020E+22	1,398687E+22	1,030146E+22	8,089510E+21	8,089620E+21	1,030166E+22	1,398698E+22
-1750	1,799012E+22	2,123815E+22	2,302891E+22	2,302919E+22	2,123861E+22	1,799054E+22	1,398744E+22	1,030210E+22	8,090015E+21	8,089849E+21	1,030161E+22	1,398673E+22
-1749	1,798983E+22	2,123829E+22	2,302944E+22	2,302951E+22	2,123867E+22	1,799041E+22	1,398725E+22	1,030210E+22	8,090322E+21	8,090419E+21	1,030245E+22	1,398782E+22
-1748	1,799070E+22	2,123835E+22	2,302879E+22	2,302857E+22	2,123788E+22	1,799006E+22	1,398720E+22	1,030214E+22	8,090393E+21	8,090523E+21	1,030235E+22	1,398724E+22
-1747	1,798980E+22	2,123744E+22	2,302829E+22	2,302867E+22	2,123827E+22	1,799054E+22	1,398775E+22	1,030265E+22	8,090723E+21	8,090584E+21	1,030228E+22	1,398735E+22
-1746	1,799047E+22	2,123864E+22	2,302927E+22	2,302896E+22	2,123803E+22	1,798999E+22	1,398716E+22	1,030227E+22	8,090660E+21	8,090812E+21	1,030276E+22	1,398793E+22
-1745	1,799073E+22	2,123835E+22	2,302853E+22	2,302820E+22	2,123769E+22	1,799007E+22	1,398737E+22	1,030241E+22	8,090654E+21	8,090632E+21	1,030221E+22	1,398692E+22
-1744	1,798955E+22	2,123766E+22	2,302891E+22	2,302913E+22	2,123842E+22	1,799050E+22	1,398768E+22	1,030266E+22	8,090781E+21	8,090622E+21	1,030228E+22	1,398741E+22
-1743	1,799059E+22	2,123866E+22	2,302936E+22	2,302929E+22	2,123836E+22	1,799009E+22	1,398703E+22	1,030204E+22	8,090397E+21	8,090567E+21	1,030247E+22	1,398742E+22
-1742	1,799006E+22	2,123778E+22	2,302842E+22	2,302871E+22	2,123842E+22	1,799058E+22	1,398753E+22	1,030223E+22	8,090211E+21	8,090081E+21	1,030183E+22	1,398688E+22
-1741	1,798972E+22	2,123790E+22	2,302913E+22	2,302934E+22	2,123869E+22	1,799061E+22	1,398742E+22	1,030205E+22	8,090052E+21	8,090021E+21	1,030206E+22	1,398768E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,799099E+22	2,123879E+22	2,302923E+22	2,302893E+22	2,123808E+22	1,799010E+22	1,398702E+22	1,030166E+22	8,089681E+21	8,089749E+21	1,030171E+22	1,398693E+22
-1739	1,799001E+22	2,123804E+22	2,302888E+22	2,302912E+22	2,123854E+22	1,799055E+22	1,398740E+22	1,030190E+22	8,089675E+21	8,089470E+21	1,030133E+22	1,398669E+22
-1738	1,799022E+22	2,123902E+22	2,303013E+22	2,302988E+22	2,123871E+22	1,799015E+22	1,398675E+22	1,030137E+22	8,089437E+21	8,089563E+21	1,030182E+22	1,398752E+22
-1737	1,799081E+22	2,123888E+22	2,302952E+22	2,302924E+22	2,123836E+22	1,799013E+22	1,398674E+22	1,030123E+22	8,089237E+21	8,089349E+21	1,030139E+22	1,398670E+22
-1736	1,798972E+22	2,123788E+22	2,302928E+22	2,302974E+22	2,123900E+22	1,799071E+22	1,398728E+22	1,030165E+22	8,089441E+21	8,089342E+21	1,030140E+22	1,398708E+22
-1735	1,799078E+22	2,123915E+22	2,302989E+22	2,302982E+22	2,123883E+22	1,799028E+22	1,398677E+22	1,030130E+22	8,089366E+21	8,089551E+21	1,030179E+22	1,398733E+22
-1734	1,799054E+22	2,123856E+22	2,302903E+22	2,302889E+22	2,123841E+22	1,799050E+22	1,398729E+22	1,030179E+22	8,089655E+21	8,089544E+21	1,030141E+22	1,398666E+22
-1733	1,798970E+22	2,123803E+22	2,302933E+22	2,302940E+22	2,123859E+22	1,799055E+22	1,398747E+22	1,030219E+22	8,090186E+21	8,090080E+21	1,030194E+22	1,398738E+22
-1732	1,799076E+22	2,123877E+22	2,302938E+22	2,302908E+22	2,123804E+22	1,798995E+22	1,398705E+22	1,030204E+22	8,090344E+21	8,090498E+21	1,030232E+22	1,398716E+22
-1731	1,798980E+22	2,123751E+22	2,302822E+22	2,302855E+22	2,123819E+22	1,799043E+22	1,398764E+22	1,030262E+22	8,090793E+21	8,090692E+21	1,030230E+22	1,398704E+22
-1730	1,798972E+22	2,123786E+22	2,302886E+22	2,302887E+22	2,123815E+22	1,799019E+22	1,398738E+22	1,030256E+22	8,090981E+21	8,091101E+21	1,030299E+22	1,398813E+22
-1729	1,799080E+22	2,123815E+22	2,302830E+22	2,302799E+22	2,123744E+22	1,798987E+22	1,398731E+22	1,030257E+22	8,091060E+21	8,091216E+21	1,030283E+22	1,398741E+22
-1728	1,798969E+22	2,123709E+22	2,302778E+22	2,302807E+22	2,123779E+22	1,799038E+22	1,398797E+22	1,030320E+22	8,091448E+21	8,091267E+21	1,030271E+22	1,398744E+22
-1727	1,799032E+22	2,123833E+22	2,302886E+22	2,302860E+22	2,123778E+22	1,798991E+22	1,398737E+22	1,030281E+22	8,091378E+21	8,091498E+21	1,030317E+22	1,398789E+22
-1726	1,799032E+22	2,123787E+22	2,302822E+22	2,302800E+22	2,123752E+22	1,799002E+22	1,398758E+22	1,030292E+22	8,091348E+21	8,091300E+21	1,030271E+22	1,398715E+22
-1725	1,798932E+22	2,123694E+22	2,302813E+22	2,302857E+22	2,123811E+22	1,799040E+22	1,398780E+22	1,030305E+22	8,091390E+21	8,091290E+21	1,030282E+22	1,398767E+22
-1724	1,799054E+22	2,123819E+22	2,302861E+22	2,302854E+22	2,123786E+22	1,798999E+22	1,398729E+22	1,030248E+22	8,090939E+21	8,091121E+21	1,030290E+22	1,398761E+22
-1723	1,799000E+22	2,123745E+22	2,302784E+22	2,302803E+22	2,123790E+22	1,799044E+22	1,398775E+22	1,030269E+22	8,090791E+21	8,090631E+21	1,030222E+22	1,398703E+22
-1722	1,798970E+22	2,123780E+22	2,302885E+22	2,302879E+22	2,123807E+22	1,799025E+22	1,398746E+22	1,030243E+22	8,090593E+21	8,090533E+21	1,030238E+22	1,398774E+22
-1721	1,799091E+22	2,123866E+22	2,302907E+22	2,302867E+22	2,123771E+22	1,798979E+22	1,398697E+22	1,030195E+22	8,090242E+21	8,090377E+21	1,030215E+22	1,398699E+22
-1720	1,798973E+22	2,123755E+22	2,302843E+22	2,302880E+22	2,123830E+22	1,799041E+22	1,398745E+22	1,030223E+22	8,090234E+21	8,090087E+21	1,030182E+22	1,398688E+22
-1719	1,799007E+22	2,123855E+22	2,302953E+22	2,302949E+22	2,123860E+22	1,799021E+22	1,398694E+22	1,030174E+22	8,089973E+21	8,090125E+21	1,030224E+22	1,398765E+22
-1718	1,799063E+22	2,123848E+22	2,302908E+22	2,302885E+22	2,123813E+22	1,799017E+22	1,398705E+22	1,030174E+22	8,089843E+21	8,089892E+21	1,030180E+22	1,398697E+22
-1717	1,798972E+22	2,123740E+22	2,302854E+22	2,302902E+22	2,123851E+22	1,799057E+22	1,398751E+22	1,030221E+22	8,090164E+21	8,090017E+21	1,030183E+22	1,398718E+22
-1716	1,799071E+22	2,123889E+22	2,302937E+22	2,302910E+22	2,123817E+22	1,799008E+22	1,398710E+22	1,030196E+22	8,090176E+21	8,090307E+21	1,030226E+22	1,398735E+22
-1715	1,799020E+22	2,123809E+22	2,302857E+22	2,302840E+22	2,123789E+22	1,799025E+22	1,398751E+22	1,030243E+22	8,090543E+21	8,090437E+21	1,030205E+22	1,398679E+22
-1714	1,798937E+22	2,123750E+22	2,302879E+22	2,302889E+22	2,123812E+22	1,799024E+22	1,398752E+22	1,030267E+22	8,090967E+21	8,090924E+21	1,030262E+22	1,398767E+22
-1713	1,799060E+22	2,123826E+22	2,302873E+22	2,302851E+22	2,123765E+22	1,798976E+22	1,398709E+22	1,030242E+22	8,091057E+21	8,091335E+21	1,030302E+22	1,398752E+22
-1712	1,798968E+22	2,123691E+22	2,302737E+22	2,302776E+22	2,123768E+22	1,799030E+22	1,398785E+22	1,030312E+22	8,091488E+21	8,091412E+21	1,030286E+22	1,398736E+22
-1711	1,798981E+22	2,123758E+22	2,302820E+22	2,302820E+22	2,123773E+22	1,799008E+22	1,398763E+22	1,030312E+22	8,091693E+21	8,091753E+21	1,030339E+22	1,398820E+22
-1710	1,799066E+22	2,123797E+22	2,302807E+22	2,302760E+22	2,123701E+22	1,798970E+22	1,398756E+22	1,030318E+22	8,091820E+21	8,091873E+21	1,030325E+22	1,398754E+22
-1709	1,798949E+22	2,123660E+22	2,302727E+22	2,302765E+22	2,123741E+22	1,799015E+22	1,398808E+22	1,030371E+22	8,092207E+21	8,092028E+21	1,030322E+22	1,398753E+22
-1708	1,799008E+22	2,123789E+22	2,302834E+22	2,302814E+22	2,123744E+22	1,798983E+22	1,398761E+22	1,030330E+22	8,092046E+21	8,092195E+21	1,030370E+22	1,398802E+22
-1707	1,799000E+22	2,123726E+22	2,302759E+22	2,302751E+22	2,123723E+22	1,799002E+22	1,398783E+22	1,030338E+22	8,091962E+21	8,091945E+21	1,030323E+22	1,398737E+22
-1706	1,798920E+22	2,123653E+22	2,302750E+22	2,302796E+22	2,123767E+22	1,799025E+22	1,398796E+22	1,030344E+22	8,091905E+21	8,091807E+21	1,030322E+22	1,398789E+22
-1705	1,799058E+22	2,123802E+22	2,302812E+22	2,302795E+22	2,123739E+22	1,798978E+22	1,398735E+22	1,030283E+22	8,091482E+21	8,091675E+21	1,030326E+22	1,398771E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-1704	1,798987E+22	2,123714E+22	2,302735E+22	2,302741E+22	2,123734E+22	1,799018E+22	1,398787E+22	1,030313E+22	8,091390E+21	8,091207E+21	1,030260E+22	1,398711E+22
-1703	1,798958E+22	2,123754E+22	2,302849E+22	2,302849E+22	2,123777E+22	1,799002E+22	1,398753E+22	1,030284E+22	8,091197E+21	8,091128E+21	1,030277E+22	1,398777E+22
-1702	1,799061E+22	2,123829E+22	2,302879E+22	2,302849E+22	2,123753E+22	1,798966E+22	1,398706E+22	1,030234E+22	8,090820E+21	8,090950E+21	1,030264E+22	1,398729E+22
-1701	1,798960E+22	2,123696E+22	2,302771E+22	2,302827E+22	2,123799E+22	1,799030E+22	1,398755E+22	1,030258E+22	8,090791E+21	8,090695E+21	1,030231E+22	1,398714E+22
-1700	1,799007E+22	2,123823E+22	2,302891E+22	2,302881E+22	2,123810E+22	1,799015E+22	1,398725E+22	1,030223E+22	8,090547E+21	8,090679E+21	1,030263E+22	1,398776E+22
-1699	1,799049E+22	2,123816E+22	2,302859E+22	2,302829E+22	2,123766E+22	1,799007E+22	1,398735E+22	1,030233E+22	8,090554E+21	8,090545E+21	1,030220E+22	1,398701E+22
-1698	1,798955E+22	2,123719E+22	2,302816E+22	2,302850E+22	2,123796E+22	1,799028E+22	1,398766E+22	1,030275E+22	8,090916E+21	8,090738E+21	1,030228E+22	1,398722E+22
-1697	1,799043E+22	2,123852E+22	2,302897E+22	2,302874E+22	2,123781E+22	1,798982E+22	1,398713E+22	1,030243E+22	8,090977E+21	8,091162E+21	1,030286E+22	1,398746E+22
-1696	1,798981E+22	2,123739E+22	2,302782E+22	2,302785E+22	2,123755E+22	1,799013E+22	1,398768E+22	1,030295E+22	8,091331E+21	8,091285E+21	1,030273E+22	1,398711E+22
-1695	1,798922E+22	2,123691E+22	2,302797E+22	2,302829E+22	2,123780E+22	1,799017E+22	1,398776E+22	1,030320E+22	8,091694E+21	8,091676E+21	1,030321E+22	1,398795E+22
-1694	1,799048E+22	2,123783E+22	2,302812E+22	2,302793E+22	2,123724E+22	1,798968E+22	1,398739E+22	1,030302E+22	8,091788E+21	8,092012E+21	1,030358E+22	1,398792E+22
-1693	1,798975E+22	2,123653E+22	2,302662E+22	2,302696E+22	2,123708E+22	1,799007E+22	1,398804E+22	1,030369E+22	8,092264E+21	8,092159E+21	1,030337E+22	1,398755E+22
-1692	1,798979E+22	2,123742E+22	2,302778E+22	2,302752E+22	2,123707E+22	1,798985E+22	1,398792E+22	1,030373E+22	8,092476E+21	8,092499E+21	1,030386E+22	1,398823E+22
-1691	1,799034E+22	2,123756E+22	2,302773E+22	2,302731E+22	2,123667E+22	1,798951E+22	1,398775E+22	1,030375E+22	8,092624E+21	8,092677E+21	1,030380E+22	1,398764E+22
-1690	1,798921E+22	2,123616E+22	2,302674E+22	2,302722E+22	2,123708E+22	1,798994E+22	1,398813E+22	1,030411E+22	8,092859E+21	8,092725E+21	1,030376E+22	1,398774E+22
-1689	1,798985E+22	2,123738E+22	2,302771E+22	2,302763E+22	2,123716E+22	1,798974E+22	1,398769E+22	1,030364E+22	8,092624E+21	8,092830E+21	1,030418E+22	1,398824E+22
-1688	1,798984E+22	2,123671E+22	2,302681E+22	2,302679E+22	2,123679E+22	1,798993E+22	1,398807E+22	1,030384E+22	8,092524E+21	8,092486E+21	1,030364E+22	1,398758E+22
-1687	1,798922E+22	2,123626E+22	2,302689E+22	2,302734E+22	2,123721E+22	1,799008E+22	1,398816E+22	1,030391E+22	8,092480E+21	8,092305E+21	1,030351E+22	1,398790E+22
-1686	1,799039E+22	2,123784E+22	2,302792E+22	2,302763E+22	2,123699E+22	1,798957E+22	1,398750E+22	1,030330E+22	8,092084E+21	8,092205E+21	1,030363E+22	1,398786E+22
-1685	1,798969E+22	2,123674E+22	2,302689E+22	2,302702E+22	2,123698E+22	1,798989E+22	1,398786E+22	1,030348E+22	8,091995E+21	8,091848E+21	1,030306E+22	1,398724E+22
-1684	1,798941E+22	2,123723E+22	2,302806E+22	2,302805E+22	2,123743E+22	1,798992E+22	1,398768E+22	1,030320E+22	8,091736E+21	8,091714E+21	1,030324E+22	1,398793E+22
-1683	1,799037E+22	2,123783E+22	2,302831E+22	2,302815E+22	2,123732E+22	1,798965E+22	1,398727E+22	1,030276E+22	8,091382E+21	8,091527E+21	1,030308E+22	1,398749E+22
-1682	1,798955E+22	2,123668E+22	2,302716E+22	2,302774E+22	2,123763E+22	1,799016E+22	1,398771E+22	1,030300E+22	8,091343E+21	8,091231E+21	1,030270E+22	1,398730E+22
-1681	1,799001E+22	2,123802E+22	2,302847E+22	2,302830E+22	2,123771E+22	1,799001E+22	1,398740E+22	1,030270E+22	8,091220E+21	8,091323E+21	1,030301E+22	1,398779E+22
-1680	1,799022E+22	2,123774E+22	2,302805E+22	2,302771E+22	2,123718E+22	1,798989E+22	1,398760E+22	1,030292E+22	8,091336E+21	8,091303E+21	1,030272E+22	1,398712E+22
-1679	1,798928E+22	2,123670E+22	2,302757E+22	2,302807E+22	2,123763E+22	1,799008E+22	1,398783E+22	1,030332E+22	8,091722E+21	8,091550E+21	1,030287E+22	1,398737E+22
-1678	1,799007E+22	2,123792E+22	2,302838E+22	2,302830E+22	2,123753E+22	1,798971E+22	1,398730E+22	1,030296E+22	8,091738E+21	8,091947E+21	1,030355E+22	1,398792E+22
-1677	1,798972E+22	2,123671E+22	2,302685E+22	2,302701E+22	2,123702E+22	1,798992E+22	1,398782E+22	1,030344E+22	8,092075E+21	8,092081E+21	1,030339E+22	1,398751E+22
-1676	1,798933E+22	2,123665E+22	2,302727E+22	2,302739E+22	2,123710E+22	1,798998E+22	1,398805E+22	1,030378E+22	8,092417E+21	8,092376E+21	1,030372E+22	1,398817E+22
-1675	1,799043E+22	2,123759E+22	2,302766E+22	2,302731E+22	2,123667E+22	1,798945E+22	1,398764E+22	1,030365E+22	8,092589E+21	8,092746E+21	1,030402E+22	1,398799E+22
-1674	1,798963E+22	2,123640E+22	2,302632E+22	2,302650E+22	2,123656E+22	1,798974E+22	1,398814E+22	1,030421E+22	8,093024E+21	8,092898E+21	1,030383E+22	1,398760E+22
-1673	1,798951E+22	2,123708E+22	2,302747E+22	2,302727E+22	2,123682E+22	1,798965E+22	1,398795E+22	1,030417E+22	8,093226E+21	8,093277E+21	1,030436E+22	1,398828E+22
-1672	1,798991E+22	2,123687E+22	2,302703E+22	2,302682E+22	2,123646E+22	1,798951E+22	1,398797E+22	1,030424E+22	8,093319E+21	8,093403E+21	1,030436E+22	1,398786E+22
-1671	1,798899E+22	2,123555E+22	2,302598E+22	2,302671E+22	2,123687E+22	1,798995E+22	1,398840E+22	1,030460E+22	8,093490E+21	8,093340E+21	1,030421E+22	1,398792E+22
-1670	1,798966E+22	2,123691E+22	2,302709E+22	2,302709E+22	2,123683E+22	1,798970E+22	1,398797E+22	1,030417E+22	8,093237E+21	8,093368E+21	1,030460E+22	1,398852E+22
-1669	1,798981E+22	2,123631E+22	2,302608E+22	2,302599E+22	2,123619E+22	1,798967E+22	1,398821E+22	1,030433E+22	8,093191E+21	8,093119E+21	1,030405E+22	1,398772E+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°
-1668	1,798917E+22	2,123613E+22	2,302656E+22	2,302670E+22	2,123654E+22	1,798977E+22	1,398832E+22	1,030439E+22	8,093122E+21	8,092937E+21	1,030393E+22	1,398796E+22
-1667	1,799010E+22	2,123746E+22	2,302763E+22	2,302737E+22	2,123668E+22	1,798932E+22	1,398755E+22	1,030371E+22	8,092726E+21	8,092879E+21	1,030412E+22	1,398801E+22
-1666	1,798953E+22	2,123644E+22	2,302646E+22	2,302665E+22	2,123671E+22	1,798969E+22	1,398782E+22	1,030372E+22	8,092486E+21	8,092426E+21	1,030355E+22	1,398750E+22
-1665	1,798935E+22	2,123690E+22	2,302758E+22	2,302763E+22	2,123722E+22	1,798984E+22	1,398771E+22	1,030346E+22	8,092215E+21	8,092234E+21	1,030361E+22	1,398810E+22
-1664	1,799027E+22	2,123742E+22	2,302768E+22	2,302756E+22	2,123700E+22	1,798963E+22	1,398753E+22	1,030322E+22	8,091937E+21	8,092037E+21	1,030342E+22	1,398763E+22
-1663	1,798950E+22	2,123643E+22	2,302668E+22	2,302726E+22	2,123727E+22	1,799004E+22	1,398797E+22	1,030355E+22	8,092006E+21	8,091803E+21	1,030300E+22	1,398727E+22
-1662	1,798967E+22	2,123764E+22	2,302817E+22	2,302799E+22	2,123741E+22	1,798988E+22	1,398764E+22	1,030329E+22	8,091961E+21	8,092001E+21	1,030348E+22	1,398795E+22
-1661	1,798992E+22	2,123713E+22	2,302736E+22	2,302713E+22	2,123678E+22	1,798967E+22	1,398771E+22	1,030344E+22	8,092134E+21	8,092144E+21	1,030335E+22	1,398736E+22
-1660	1,798909E+22	2,123623E+22	2,302688E+22	2,302730E+22	2,123709E+22	1,798995E+22	1,398807E+22	1,030383E+22	8,092455E+21	8,092335E+21	1,030350E+22	1,398768E+22
-1659	1,798989E+22	2,123738E+22	2,302770E+22	2,302768E+22	2,123710E+22	1,798959E+22	1,398754E+22	1,030351E+22	8,092492E+21	8,092715E+21	1,030413E+22	1,398824E+22
-1658	1,798981E+22	2,123650E+22	2,302623E+22	2,302626E+22	2,123643E+22	1,798962E+22	1,398791E+22	1,030392E+22	8,092776E+21	8,092780E+21	1,030388E+22	1,398774E+22
-1657	1,798934E+22	2,123650E+22	2,302687E+22	2,302680E+22	2,123658E+22	1,798969E+22	1,398812E+22	1,030428E+22	8,093193E+21	8,093113E+21	1,030415E+22	1,398821E+22
-1656	1,799015E+22	2,123720E+22	2,302723E+22	2,302687E+22	2,123626E+22	1,798925E+22	1,398785E+22	1,030426E+22	8,093417E+21	8,093549E+21	1,030454E+22	1,398808E+22
-1655	1,798930E+22	2,123585E+22	2,302583E+22	2,302621E+22	2,123634E+22	1,798960E+22	1,398831E+22	1,030478E+22	8,093819E+21	8,093688E+21	1,030439E+22	1,398771E+22
-1654	1,798906E+22	2,123638E+22	2,302686E+22	2,302690E+22	2,123668E+22	1,798969E+22	1,398820E+22	1,030469E+22	8,093928E+21	8,093994E+21	1,030497E+22	1,398862E+22
-1653	1,798973E+22	2,123616E+22	2,302605E+22	2,302598E+22	2,123600E+22	1,798942E+22	1,398820E+22	1,030473E+22	8,094005E+21	8,094114E+21	1,030491E+22	1,398816E+22
-1652	1,798901E+22	2,123526E+22	2,302526E+22	2,302574E+22	2,123617E+22	1,798981E+22	1,398870E+22	1,030514E+22	8,094136E+21	8,093951E+21	1,030463E+22	1,398808E+22
-1651	1,798956E+22	2,123662E+22	2,302665E+22	2,302648E+22	2,123628E+22	1,798945E+22	1,398814E+22	1,030470E+22	8,093933E+21	8,094009E+21	1,030498E+22	1,398860E+22
-1650	1,798976E+22	2,123619E+22	2,302579E+22	2,302555E+22	2,123567E+22	1,798927E+22	1,398816E+22	1,030467E+22	8,093789E+21	8,093744E+21	1,030448E+22	1,398784E+22
-1649	1,798902E+22	2,123589E+22	2,302634E+22	2,302649E+22	2,123632E+22	1,798951E+22	1,398820E+22	1,030464E+22	8,093672E+21	8,093540E+21	1,030436E+22	1,398808E+22
-1648	1,798985E+22	2,123696E+22	2,302713E+22	2,302701E+22	2,123653E+22	1,798932E+22	1,398770E+22	1,030405E+22	8,093224E+21	8,093422E+21	1,030457E+22	1,398823E+22
-1647	1,798944E+22	2,123602E+22	2,302597E+22	2,302632E+22	2,123657E+22	1,798972E+22	1,398805E+22	1,030412E+22	8,092971E+21	8,092890E+21	1,030387E+22	1,398764E+22
-1646	1,798921E+22	2,123655E+22	2,302714E+22	2,302723E+22	2,123703E+22	1,798990E+22	1,398802E+22	1,030396E+22	8,092761E+21	8,092708E+21	1,030393E+22	1,398824E+22
-1645	1,799016E+22	2,123703E+22	2,302704E+22	2,302683E+22	2,123650E+22	1,798949E+22	1,398776E+22	1,030377E+22	8,092652E+21	8,092702E+21	1,030382E+22	1,398769E+22
-1644	1,798934E+22	2,123619E+22	2,302629E+22	2,302658E+22	2,123665E+22	1,798983E+22	1,398821E+22	1,030414E+22	8,092783E+21	8,092564E+21	1,030352E+22	1,398737E+22
-1643	1,798930E+22	2,123703E+22	2,302763E+22	2,302754E+22	2,123703E+22	1,798964E+22	1,398776E+22	1,030383E+22	8,092771E+21	8,092837E+21	1,030409E+22	1,398817E+22
-1642	1,798976E+22	2,123665E+22	2,302665E+22	2,302646E+22	2,123630E+22	1,798939E+22	1,398771E+22	1,030382E+22	8,092813E+21	8,092918E+21	1,030401E+22	1,398774E+22
-1641	1,798909E+22	2,123587E+22	2,302630E+22	2,302665E+22	2,123660E+22	1,798968E+22	1,398808E+22	1,030422E+22	8,093118E+21	8,093028E+21	1,030401E+22	1,398793E+22
-1640	1,798985E+22	2,123700E+22	2,302706E+22	2,302693E+22	2,123657E+22	1,798942E+22	1,398778E+22	1,030407E+22	8,093211E+21	8,093400E+21	1,030459E+22	1,398841E+22
-1639	1,798974E+22	2,123625E+22	2,302588E+22	2,302583E+22	2,123601E+22	1,798943E+22	1,398811E+22	1,030450E+22	8,093550E+21	8,093489E+21	1,030428E+22	1,398774E+22
-1638	1,798901E+22	2,123611E+22	2,302658E+22	2,302657E+22	2,123637E+22	1,798961E+22	1,398834E+22	1,030487E+22	8,093982E+21	8,093875E+21	1,030467E+22	1,398833E+22
-1637	1,798979E+22	2,123650E+22	2,302650E+22	2,302632E+22	2,123598E+22	1,798917E+22	1,398805E+22	1,030482E+22	8,094249E+21	8,094412E+21	1,030518E+22	1,398829E+22
-1636	1,798904E+22	2,123529E+22	2,302512E+22	2,302544E+22	2,123591E+22	1,798962E+22	1,398866E+22	1,030535E+22	8,094573E+21	8,094469E+21	1,030500E+22	1,398798E+22
-1635	1,798882E+22	2,123567E+22	2,302608E+22	2,302624E+22	2,123628E+22	1,798964E+22	1,398852E+22	1,030530E+22	8,094680E+21	8,094724E+21	1,030549E+22	1,398887E+22
-1634	1,798978E+22	2,123587E+22	2,302534E+22	2,302514E+22	2,123537E+22	1,798915E+22	1,398832E+22	1,030520E+22	8,094666E+21	8,094777E+21	1,030539E+22	1,398839E+22
-1633	1,798905E+22	2,123514E+22	2,302490E+22	2,302511E+22	2,123555E+22	1,798943E+22	1,398869E+22	1,030555E+22	8,094802E+21	8,094593E+21	1,030503E+22	1,398814E+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°
-1632	1,798938E+22	2,123630E+22	2,302630E+22	2,302605E+22	2,123584E+22	1,798918E+22	1,398823E+22	1,030514E+22	8,094582E+21	8,094671E+21	1,030545E+22	1,398874E+22
-1631	1,798957E+22	2,123580E+22	2,302550E+22	2,302541E+22	2,123551E+22	1,798909E+22	1,398817E+22	1,030500E+22	8,094341E+21	8,094329E+21	1,030492E+22	1,398799E+22
-1630	1,798878E+22	2,123541E+22	2,302594E+22	2,302627E+22	2,123628E+22	1,798958E+22	1,398836E+22	1,030496E+22	8,094121E+21	8,094030E+21	1,030479E+22	1,398835E+22
-1629	1,798978E+22	2,123646E+22	2,302641E+22	2,302637E+22	2,123621E+22	1,798932E+22	1,398793E+22	1,030445E+22	8,093747E+21	8,093937E+21	1,030494E+22	1,398840E+22
-1628	1,798945E+22	2,123583E+22	2,302548E+22	2,302553E+22	2,123602E+22	1,798968E+22	1,398838E+22	1,030463E+22	8,093556E+21	8,093406E+21	1,030417E+22	1,398765E+22
-1627	1,798898E+22	2,123616E+22	2,302675E+22	2,302676E+22	2,123660E+22	1,798975E+22	1,398827E+22	1,030454E+22	8,093492E+21	8,093367E+21	1,030427E+22	1,398820E+22
-1626	1,798996E+22	2,123674E+22	2,302663E+22	2,302634E+22	2,123600E+22	1,798914E+22	1,398777E+22	1,030419E+22	8,093344E+21	8,093439E+21	1,030434E+22	1,398781E+22
-1625	1,798910E+22	2,123575E+22	2,302583E+22	2,302612E+22	2,123627E+22	1,798953E+22	1,398815E+22	1,030450E+22	8,093469E+21	8,093305E+21	1,030408E+22	1,398756E+22
-1624	1,798907E+22	2,123642E+22	2,302693E+22	2,302694E+22	2,123668E+22	1,798956E+22	1,398794E+22	1,030428E+22	8,093432E+21	8,093554E+21	1,030469E+22	1,398851E+22
-1623	1,798974E+22	2,123617E+22	2,302606E+22	2,302597E+22	2,123593E+22	1,798924E+22	1,398789E+22	1,030429E+22	8,093455E+21	8,093559E+21	1,030449E+22	1,398798E+22
-1622	1,798906E+22	2,123555E+22	2,302583E+22	2,302615E+22	2,123627E+22	1,798963E+22	1,398833E+22	1,030475E+22	8,093784E+21	8,093672E+21	1,030448E+22	1,398812E+22
-1621	1,798975E+22	2,123663E+22	2,302647E+22	2,302622E+22	2,123601E+22	1,798923E+22	1,398801E+22	1,030468E+22	8,094044E+21	8,094204E+21	1,030511E+22	1,398849E+22
-1620	1,798952E+22	2,123592E+22	2,302548E+22	2,302521E+22	2,123549E+22	1,798928E+22	1,398840E+22	1,030514E+22	8,094418E+21	8,094354E+21	1,030488E+22	1,398785E+22
-1619	1,798860E+22	2,123537E+22	2,302594E+22	2,302614E+22	2,123613E+22	1,798954E+22	1,398857E+22	1,030548E+22	8,094863E+21	8,094775E+21	1,030530E+22	1,398852E+22
-1618	1,798961E+22	2,123593E+22	2,302566E+22	2,302555E+22	2,123552E+22	1,798902E+22	1,398818E+22	1,030529E+22	8,094980E+21	8,095212E+21	1,030583E+22	1,398865E+22
-1617	1,798903E+22	2,123487E+22	2,302441E+22	2,302466E+22	2,123533E+22	1,798937E+22	1,398877E+22	1,030583E+22	8,095273E+21	8,095151E+21	1,030549E+22	1,398822E+22
-1616	1,798879E+22	2,123527E+22	2,302539E+22	2,302543E+22	2,123566E+22	1,798943E+22	1,398876E+22	1,030586E+22	8,095383E+21	8,095379E+21	1,030592E+22	1,398902E+22
-1615	1,798971E+22	2,123562E+22	2,302506E+22	2,302475E+22	2,123487E+22	1,798885E+22	1,398843E+22	1,030569E+22	8,095335E+21	8,095403E+21	1,030578E+22	1,398843E+22
-1614	1,798883E+22	2,123485E+22	2,302472E+22	2,302497E+22	2,123535E+22	1,798928E+22	1,398877E+22	1,030594E+22	8,095379E+21	8,095209E+21	1,030550E+22	1,398828E+22
-1613	1,798913E+22	2,123578E+22	2,302573E+22	2,302560E+22	2,123559E+22	1,798911E+22	1,398834E+22	1,030551E+22	8,095177E+21	8,095315E+21	1,030594E+22	1,398892E+22
-1612	1,798943E+22	2,123544E+22	2,302504E+22	2,302487E+22	2,123522E+22	1,798917E+22	1,398844E+22	1,030540E+22	8,094874E+21	8,094876E+21	1,030534E+22	1,398816E+22
-1611	1,798863E+22	2,123490E+22	2,302536E+22	2,302583E+22	2,123604E+22	1,798959E+22	1,398865E+22	1,030545E+22	8,094710E+21	8,094561E+21	1,030510E+22	1,398841E+22
-1610	1,798977E+22	2,123622E+22	2,302582E+22	2,302569E+22	2,123572E+22	1,798914E+22	1,398808E+22	1,030488E+22	8,094330E+21	8,094492E+21	1,030528E+22	1,398847E+22
-1609	1,798935E+22	2,123564E+22	2,302519E+22	2,302503E+22	2,123546E+22	1,798934E+22	1,398843E+22	1,030508E+22	8,094226E+21	8,094037E+21	1,030456E+22	1,398766E+22
-1608	1,798866E+22	2,123562E+22	2,302624E+22	2,302630E+22	2,123617E+22	1,798952E+22	1,398840E+22	1,030503E+22	8,094198E+21	8,094104E+21	1,030483E+22	1,398836E+22
-1607	1,798967E+22	2,123615E+22	2,302614E+22	2,302603E+22	2,123573E+22	1,798896E+22	1,398781E+22	1,030456E+22	8,093974E+21	8,094140E+21	1,030492E+22	1,398808E+22
-1606	1,798896E+22	2,123524E+22	2,302525E+22	2,302567E+22	2,123603E+22	1,798949E+22	1,398828E+22	1,030484E+22	8,094001E+21	8,093933E+21	1,030465E+22	1,398792E+22
-1605	1,798910E+22	2,123597E+22	2,302611E+22	2,302610E+22	2,123613E+22	1,798942E+22	1,398814E+22	1,030477E+22	8,094086E+21	8,094208E+21	1,030518E+22	1,398876E+22
-1604	1,798983E+22	2,123605E+22	2,302560E+22	2,302519E+22	2,123532E+22	1,798912E+22	1,398817E+22	1,030487E+22	8,094182E+21	8,094226E+21	1,030490E+22	1,398806E+22
-1603	1,798885E+22	2,123517E+22	2,302547E+22	2,302574E+22	2,123586E+22	1,798946E+22	1,398859E+22	1,030541E+22	8,094641E+21	8,094459E+21	1,030491E+22	1,398811E+22
-1602	1,798952E+22	2,123625E+22	2,302599E+22	2,302575E+22	2,123560E+22	1,798901E+22	1,398813E+22	1,030522E+22	8,094860E+21	8,095056E+21	1,030572E+22	1,398864E+22
-1601	1,798924E+22	2,123541E+22	2,302495E+22	2,302474E+22	2,123512E+22	1,798910E+22	1,398851E+22	1,030566E+22	8,095220E+21	8,095179E+21	1,030549E+22	1,398805E+22
-1600	1,798831E+22	2,123463E+22	2,302510E+22	2,302547E+22	2,123576E+22	1,798954E+22	1,398890E+22	1,030608E+22	8,095633E+21	8,095570E+21	1,030593E+22	1,398882E+22
-1599	1,798949E+22	2,123539E+22	2,302499E+22	2,302496E+22	2,123507E+22	1,798888E+22	1,398842E+22	1,030584E+22	8,095692E+21	8,095899E+21	1,030633E+22	1,398887E+22
-1598	1,798899E+22	2,123455E+22	2,302388E+22	2,302407E+22	2,123488E+22	1,798923E+22	1,398899E+22	1,030635E+22	8,095943E+21	8,095813E+21	1,030598E+22	1,398840E+22
-1597	1,798869E+22	2,123495E+22	2,302484E+22	2,302473E+22	2,123501E+22	1,798913E+22	1,398892E+22	1,030642E+22	8,096151E+21	8,096129E+21	1,030643E+22	1,398914E+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°
-1596	1,798955E+22	2,123536E+22	2,302471E+22	2,302425E+22	2,123440E+22	1,798863E+22	1,398855E+22	1,030616E+22	8,096036E+21	8,096118E+21	1,030630E+22	1,398856E+22
-1595	1,798851E+22	2,123426E+22	2,302423E+22	2,302470E+22	2,123520E+22	1,798922E+22	1,398890E+22	1,030636E+22	8,096024E+21	8,095877E+21	1,030597E+22	1,398845E+22
-1594	1,798906E+22	2,123540E+22	2,302508E+22	2,302502E+22	2,123524E+22	1,798900E+22	1,398843E+22	1,030582E+22	8,095673E+21	8,095872E+21	1,030640E+22	1,398916E+22
-1593	1,798942E+22	2,123516E+22	2,302455E+22	2,302430E+22	2,123476E+22	1,798896E+22	1,398855E+22	1,030579E+22	8,095390E+21	8,095343E+21	1,030564E+22	1,398824E+22
-1592	1,798852E+22	2,123455E+22	2,302480E+22	2,302524E+22	2,123560E+22	1,798949E+22	1,398890E+22	1,030595E+22	8,095310E+21	8,095102E+21	1,030542E+22	1,398842E+22
-1591	1,798952E+22	2,123589E+22	2,302555E+22	2,302542E+22	2,123532E+22	1,798889E+22	1,398818E+22	1,030532E+22	8,094941E+21	8,095068E+21	1,030564E+22	1,398848E+22
-1590	1,798906E+22	2,123522E+22	2,302485E+22	2,302482E+22	2,123526E+22	1,798921E+22	1,398852E+22	1,030545E+22	8,094789E+21	8,094677E+21	1,030510E+22	1,398785E+22
-1589	1,798843E+22	2,123505E+22	2,302550E+22	2,302568E+22	2,123577E+22	1,798940E+22	1,398853E+22	1,030545E+22	8,094833E+21	8,094802E+21	1,030542E+22	1,398865E+22
-1588	1,798960E+22	2,123577E+22	2,302552E+22	2,302532E+22	2,123528E+22	1,798893E+22	1,398806E+22	1,030502E+22	8,094584E+21	8,094772E+21	1,030545E+22	1,398838E+22
-1587	1,798891E+22	2,123482E+22	2,302464E+22	2,302514E+22	2,123567E+22	1,798942E+22	1,398854E+22	1,030538E+22	8,094691E+21	8,094575E+21	1,030505E+22	1,398808E+22
-1586	1,798919E+22	2,123584E+22	2,302556E+22	2,302537E+22	2,123552E+22	1,798916E+22	1,398829E+22	1,030527E+22	8,094799E+21	8,094904E+21	1,030563E+22	1,398887E+22
-1585	1,798972E+22	2,123589E+22	2,302535E+22	2,302475E+22	2,123475E+22	1,798875E+22	1,398827E+22	1,030544E+22	8,094999E+21	8,094992E+21	1,030538E+22	1,398809E+22
-1584	1,798850E+22	2,123460E+22	2,302491E+22	2,302533E+22	2,123552E+22	1,798931E+22	1,398881E+22	1,030603E+22	8,095511E+21	8,095340E+21	1,030555E+22	1,398824E+22
-1583	1,798910E+22	2,123554E+22	2,302540E+22	2,302539E+22	2,123534E+22	1,798891E+22	1,398832E+22	1,030575E+22	8,095642E+21	8,095871E+21	1,030635E+22	1,398891E+22
-1582	1,798904E+22	2,123480E+22	2,302423E+22	2,302419E+22	2,123482E+22	1,798910E+22	1,398879E+22	1,030617E+22	8,095906E+21	8,095934E+21	1,030614E+22	1,398839E+22
-1581	1,798826E+22	2,123408E+22	2,302410E+22	2,302446E+22	2,123507E+22	1,798936E+22	1,398920E+22	1,030670E+22	8,096416E+21	8,096325E+21	1,030648E+22	1,398906E+22
-1580	1,798947E+22	2,123517E+22	2,302442E+22	2,302411E+22	2,123440E+22	1,798869E+22	1,398867E+22	1,030645E+22	8,096480E+21	8,096630E+21	1,030681E+22	1,398899E+22
-1579	1,798880E+22	2,123419E+22	2,302349E+22	2,302365E+22	2,123443E+22	1,798896E+22	1,398913E+22	1,030691E+22	8,096739E+21	8,096568E+21	1,030642E+22	1,398846E+22
-1578	1,798854E+22	2,123462E+22	2,302434E+22	2,302426E+22	2,123459E+22	1,798882E+22	1,398890E+22	1,030679E+22	8,096817E+21	8,096858E+21	1,030699E+22	1,398934E+22
-1577	1,798937E+22	2,123498E+22	2,302432E+22	2,302393E+22	2,123411E+22	1,798843E+22	1,398858E+22	1,030652E+22	8,096618E+21	8,096722E+21	1,030677E+22	1,398876E+22
-1576	1,798833E+22	2,123371E+22	2,302358E+22	2,302423E+22	2,123496E+22	1,798924E+22	1,398917E+22	1,030680E+22	8,096573E+21	8,096429E+21	1,030641E+22	1,398863E+22
-1575	1,798891E+22	2,123499E+22	2,302462E+22	2,302462E+22	2,123495E+22	1,798895E+22	1,398865E+22	1,030625E+22	8,096186E+21	8,096328E+21	1,030669E+22	1,398924E+22
-1574	1,798932E+22	2,123494E+22	2,302417E+22	2,302388E+22	2,123445E+22	1,798891E+22	1,398878E+22	1,030621E+22	8,095913E+21	8,095863E+21	1,030599E+22	1,398828E+22
-1573	1,798831E+22	2,123417E+22	2,302422E+22	2,302460E+22	2,123504E+22	1,798925E+22	1,398907E+22	1,030646E+22	8,095994E+21	8,095770E+21	1,030588E+22	1,398850E+22
-1572	1,798926E+22	2,123550E+22	2,302507E+22	2,302493E+22	2,123496E+22	1,798873E+22	1,398829E+22	1,030577E+22	8,095608E+21	8,095758E+21	1,030618E+22	1,398868E+22
-1571	1,798879E+22	2,123463E+22	2,302422E+22	2,302442E+22	2,123503E+22	1,798910E+22	1,398863E+22	1,030586E+22	8,095431E+21	8,095347E+21	1,030560E+22	1,398814E+22
-1570	1,798848E+22	2,123473E+22	2,302479E+22	2,302494E+22	2,123524E+22	1,798916E+22	1,398861E+22	1,030580E+22	8,095387E+21	8,095413E+21	1,030594E+22	1,398898E+22
-1569	1,798970E+22	2,123564E+22	2,302509E+22	2,302472E+22	2,123469E+22	1,798860E+22	1,398817E+22	1,030549E+22	8,095195E+21	8,095323E+21	1,030581E+22	1,398850E+22
-1568	1,798883E+22	2,123458E+22	2,302421E+22	2,302462E+22	2,123521E+22	1,798926E+22	1,398879E+22	1,030596E+22	8,095420E+21	8,095249E+21	1,030547E+22	1,398810E+22
-1567	1,798887E+22	2,123550E+22	2,302537E+22	2,302517E+22	2,123520E+22	1,798896E+22	1,398844E+22	1,030581E+22	8,095549E+21	8,095624E+21	1,030608E+22	1,398889E+22
-1566	1,798935E+22	2,123537E+22	2,302492E+22	2,302454E+22	2,123465E+22	1,798873E+22	1,398847E+22	1,030593E+22	8,095731E+21	8,095801E+21	1,030602E+22	1,398827E+22
-1565	1,798816E+22	2,123389E+22	2,302400E+22	2,302461E+22	2,123515E+22	1,798929E+22	1,398912E+22	1,030664E+22	8,096341E+21	8,096201E+21	1,030624E+22	1,398857E+22
-1564	1,798891E+22	2,123495E+22	2,302453E+22	2,302456E+22	2,123488E+22	1,798889E+22	1,398864E+22	1,030638E+22	8,096442E+21	8,096654E+21	1,030696E+22	1,398921E+22
-1563	1,798891E+22	2,123423E+22	2,302340E+22	2,302345E+22	2,123433E+22	1,798896E+22	1,398908E+22	1,030683E+22	8,096747E+21	8,096707E+21	1,030664E+22	1,398862E+22
-1562	1,798833E+22	2,123388E+22	2,302345E+22	2,302356E+22	2,123427E+22	1,798896E+22	1,398930E+22	1,030723E+22	8,097203E+21	8,097114E+21	1,030704E+22	1,398926E+22
-1561	1,798936E+22	2,123497E+22	2,302410E+22	2,302359E+22	2,123372E+22	1,798819E+22	1,398869E+22	1,030697E+22	8,097252E+21	8,097384E+21	1,030732E+22	1,398912E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798853E+22	2,123371E+22	2,302300E+22	2,302329E+22	2,123414E+22	1,798878E+22	1,398922E+22	1,030736E+22	8,097453E+21	8,097331E+21	1,030701E+22	1,398866E+22
-1559	1,798827E+22	2,123411E+22	2,302392E+22	2,302398E+22	2,123440E+22	1,798874E+22	1,398898E+22	1,030714E+22	8,097370E+21	8,097446E+21	1,030745E+22	1,398958E+22
-1558	1,798928E+22	2,123458E+22	2,302378E+22	2,302355E+22	2,123396E+22	1,798848E+22	1,398881E+22	1,030687E+22	8,097080E+21	8,097229E+21	1,030718E+22	1,398894E+22
-1557	1,798826E+22	2,123335E+22	2,302284E+22	2,302346E+22	2,123447E+22	1,798915E+22	1,398946E+22	1,030733E+22	8,097179E+21	8,096964E+21	1,030674E+22	1,398871E+22
-1556	1,798874E+22	2,123475E+22	2,302417E+22	2,302401E+22	2,123449E+22	1,798885E+22	1,398890E+22	1,030679E+22	8,096842E+21	8,096893E+21	1,030700E+22	1,398921E+22
-1555	1,798899E+22	2,123451E+22	2,302379E+22	2,302357E+22	2,123415E+22	1,798874E+22	1,398894E+22	1,030673E+22	8,096618E+21	8,096521E+21	1,030637E+22	1,398834E+22
-1554	1,798814E+22	2,123380E+22	2,302364E+22	2,302403E+22	2,123461E+22	1,798897E+22	1,398907E+22	1,030681E+22	8,096606E+21	8,096459E+21	1,030645E+22	1,398876E+22
-1553	1,798911E+22	2,123513E+22	2,302460E+22	2,302445E+22	2,123453E+22	1,798847E+22	1,398834E+22	1,030614E+22	8,096175E+21	8,096352E+21	1,030667E+22	1,398897E+22
-1552	1,798872E+22	2,123421E+22	2,302360E+22	2,302389E+22	2,123470E+22	1,798901E+22	1,398882E+22	1,030629E+22	8,096012E+21	8,095940E+21	1,030607E+22	1,398838E+22
-1551	1,798842E+22	2,123447E+22	2,302443E+22	2,302453E+22	2,123488E+22	1,798899E+22	1,398874E+22	1,030623E+22	8,095966E+21	8,095946E+21	1,030628E+22	1,398910E+22
-1550	1,798965E+22	2,123549E+22	2,302483E+22	2,302439E+22	2,123440E+22	1,798850E+22	1,398837E+22	1,030595E+22	8,095828E+21	8,095971E+21	1,030624E+22	1,398855E+22
-1549	1,798856E+22	2,123416E+22	2,302366E+22	2,302406E+22	2,123473E+22	1,798905E+22	1,398902E+22	1,030658E+22	8,096252E+21	8,096065E+21	1,030603E+22	1,398820E+22
-1548	1,798846E+22	2,123490E+22	2,302473E+22	2,302468E+22	2,123496E+22	1,798892E+22	1,398867E+22	1,030640E+22	8,096389E+21	8,096472E+21	1,030670E+22	1,398909E+22
-1547	1,798900E+22	2,123463E+22	2,302409E+22	2,302396E+22	2,123440E+22	1,798872E+22	1,398873E+22	1,030652E+22	8,096557E+21	8,096635E+21	1,030662E+22	1,398860E+22
-1546	1,798816E+22	2,123339E+22	2,302300E+22	2,302356E+22	2,123445E+22	1,798905E+22	1,398930E+22	1,030717E+22	8,097096E+21	8,096989E+21	1,030688E+22	1,398894E+22
-1545	1,798894E+22	2,123467E+22	2,302389E+22	2,302372E+22	2,123411E+22	1,798847E+22	1,398880E+22	1,030698E+22	8,097218E+21	8,097362E+21	1,030743E+22	1,398942E+22
-1544	1,798884E+22	2,123393E+22	2,302289E+22	2,302280E+22	2,123371E+22	1,798864E+22	1,398924E+22	1,030742E+22	8,097562E+21	8,097490E+21	1,030715E+22	1,398873E+22
-1543	1,798806E+22	2,123357E+22	2,302325E+22	2,302329E+22	2,123387E+22	1,798863E+22	1,398932E+22	1,030769E+22	8,097919E+21	8,097836E+21	1,030754E+22	1,398938E+22
-1542	1,798913E+22	2,123459E+22	2,302376E+22	2,302339E+22	2,123362E+22	1,798813E+22	1,398880E+22	1,030733E+22	8,097862E+21	8,098093E+21	1,030789E+22	1,398930E+22
-1541	1,798827E+22	2,123317E+22	2,302230E+22	2,302270E+22	2,123385E+22	1,798879E+22	1,398949E+22	1,030786E+22	8,098109E+21	8,098004E+21	1,030753E+22	1,398890E+22
-1540	1,798810E+22	2,123364E+22	2,302325E+22	2,302340E+22	2,123418E+22	1,798883E+22	1,398931E+22	1,030766E+22	8,098000E+21	8,098018E+21	1,030782E+22	1,398970E+22
-1539	1,798913E+22	2,123414E+22	2,302315E+22	2,302300E+22	2,123369E+22	1,798848E+22	1,398912E+22	1,030745E+22	8,097766E+21	8,097806E+21	1,030747E+22	1,398901E+22
-1538	1,798823E+22	2,123314E+22	2,302228E+22	2,302267E+22	2,123381E+22	1,798885E+22	1,398959E+22	1,030782E+22	8,097856E+21	8,097625E+21	1,030718E+22	1,398881E+22
-1537	1,798852E+22	2,123442E+22	2,302385E+22	2,302357E+22	2,123392E+22	1,798840E+22	1,398893E+22	1,030726E+22	8,097512E+21	8,097550E+21	1,030746E+22	1,398933E+22
-1536	1,798869E+22	2,123395E+22	2,302324E+22	2,302318E+22	2,123387E+22	1,798855E+22	1,398899E+22	1,030711E+22	8,097253E+21	8,097227E+21	1,030696E+22	1,398861E+22
-1535	1,798794E+22	2,123336E+22	2,302323E+22	2,302364E+22	2,123431E+22	1,798880E+22	1,398908E+22	1,030707E+22	8,097084E+21	8,097008E+21	1,030693E+22	1,398909E+22
-1534	1,798916E+22	2,123485E+22	2,302412E+22	2,302398E+22	2,123427E+22	1,798841E+22	1,398848E+22	1,030643E+22	8,096615E+21	8,096860E+21	1,030707E+22	1,398917E+22
-1533	1,798874E+22	2,123399E+22	2,302305E+22	2,302319E+22	2,123420E+22	1,798887E+22	1,398904E+22	1,030680E+22	8,096637E+21	8,096511E+21	1,030643E+22	1,398848E+22
-1532	1,798829E+22	2,123426E+22	2,302406E+22	2,302405E+22	2,123454E+22	1,798888E+22	1,398895E+22	1,030677E+22	8,096675E+21	8,096575E+21	1,030661E+22	1,398906E+22
-1531	1,798927E+22	2,123498E+22	2,302439E+22	2,302412E+22	2,123423E+22	1,798843E+22	1,398858E+22	1,030653E+22	8,096627E+21	8,096718E+21	1,030668E+22	1,398863E+22
-1530	1,798831E+22	2,123363E+22	2,302296E+22	2,302339E+22	2,123431E+22	1,798887E+22	1,398915E+22	1,030708E+22	8,097027E+21	8,096904E+21	1,030670E+22	1,398849E+22
-1529	1,798821E+22	2,123428E+22	2,302403E+22	2,302399E+22	2,123443E+22	1,798870E+22	1,398889E+22	1,030698E+22	8,097147E+21	8,097234E+21	1,030729E+22	1,398939E+22
-1528	1,798886E+22	2,123403E+22	2,302325E+22	2,302319E+22	2,123392E+22	1,798861E+22	1,398901E+22	1,030713E+22	8,097356E+21	8,097434E+21	1,030723E+22	1,398889E+22
-1527	1,798809E+22	2,123310E+22	2,302250E+22	2,302284E+22	2,123383E+22	1,798875E+22	1,398943E+22	1,030770E+22	8,097840E+21	8,097703E+21	1,030736E+22	1,398914E+22
-1526	1,798892E+22	2,123448E+22	2,302355E+22	2,302319E+22	2,123360E+22	1,798821E+22	1,398893E+22	1,030747E+22	8,097963E+21	8,098144E+21	1,030796E+22	1,398952E+22
-1525	1,798861E+22	2,123354E+22	2,302240E+22	2,302226E+22	2,123321E+22	1,798834E+22	1,398937E+22	1,030800E+22	8,098402E+21	8,098339E+21	1,030776E+22	1,398891E+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°
-1524	1,798777E+22	2,123302E+22	2,302268E+22	2,302290E+22	2,123372E+22	1,798858E+22	1,398946E+22	1,030819E+22	8,098675E+21	8,098606E+21	1,030809E+22	1,398957E+22
-1523	1,798886E+22	2,123395E+22	2,302308E+22	2,302296E+22	2,123350E+22	1,798823E+22	1,398909E+22	1,030786E+22	8,098565E+21	8,098774E+21	1,030836E+22	1,398955E+22
-1522	1,798828E+22	2,123277E+22	2,302152E+22	2,302184E+22	2,123330E+22	1,798866E+22	1,398972E+22	1,030836E+22	8,098758E+21	8,098648E+21	1,030801E+22	1,398911E+22
-1521	1,798802E+22	2,123334E+22	2,302277E+22	2,302272E+22	2,123355E+22	1,798855E+22	1,398953E+22	1,030824E+22	8,098670E+21	8,098600E+21	1,030815E+22	1,398973E+22
-1520	1,798892E+22	2,123376E+22	2,302271E+22	2,302249E+22	2,123324E+22	1,798828E+22	1,398928E+22	1,030797E+22	8,098478E+21	8,098496E+21	1,030791E+22	1,398904E+22
-1519	1,798790E+22	2,123276E+22	2,302203E+22	2,302235E+22	2,123345E+22	1,798856E+22	1,398957E+22	1,030816E+22	8,098442E+21	8,098249E+21	1,030765E+22	1,398898E+22
-1518	1,798836E+22	2,123402E+22	2,302345E+22	2,302327E+22	2,123377E+22	1,798833E+22	1,398897E+22	1,030750E+22	8,097998E+21	8,098164E+21	1,030798E+22	1,398958E+22
-1517	1,798859E+22	2,123348E+22	2,302260E+22	2,302255E+22	2,123347E+22	1,798845E+22	1,398916E+22	1,030750E+22	8,097786E+21	8,097798E+21	1,030744E+22	1,398891E+22
-1516	1,798793E+22	2,123301E+22	2,302266E+22	2,302312E+22	2,123407E+22	1,798878E+22	1,398927E+22	1,030748E+22	8,097617E+21	8,097501E+21	1,030724E+22	1,398922E+22
-1515	1,798912E+22	2,123460E+22	2,302369E+22	2,302351E+22	2,123399E+22	1,798839E+22	1,398873E+22	1,030694E+22	8,097248E+21	8,097396E+21	1,030734E+22	1,398922E+22
-1514	1,798870E+22	2,123381E+22	2,302263E+22	2,302250E+22	2,123359E+22	1,798859E+22	1,398918E+22	1,030729E+22	8,097340E+21	8,097208E+21	1,030688E+22	1,398854E+22
-1513	1,798800E+22	2,123382E+22	2,302371E+22	2,302367E+22	2,123407E+22	1,798857E+22	1,398908E+22	1,030732E+22	8,097434E+21	8,097319E+21	1,030710E+22	1,398914E+22
-1512	1,798890E+22	2,123430E+22	2,302371E+22	2,302363E+22	2,123399E+22	1,798835E+22	1,398875E+22	1,030705E+22	8,097411E+21	8,097555E+21	1,030734E+22	1,398888E+22
-1511	1,798805E+22	2,123307E+22	2,302235E+22	2,302274E+22	2,123386E+22	1,798871E+22	1,398929E+22	1,030753E+22	8,097698E+21	8,097624E+21	1,030729E+22	1,398885E+22
-1510	1,798824E+22	2,123388E+22	2,302336E+22	2,302328E+22	2,123395E+22	1,798857E+22	1,398909E+22	1,030744E+22	8,097818E+21	8,097951E+21	1,030782E+22	1,398961E+22
-1509	1,798882E+22	2,123370E+22	2,302259E+22	2,302232E+22	2,123320E+22	1,798833E+22	1,398925E+22	1,030777E+22	8,098183E+21	8,098216E+21	1,030775E+22	1,398905E+22
-1508	1,798794E+22	2,123278E+22	2,302207E+22	2,302234E+22	2,123341E+22	1,798852E+22	1,398957E+22	1,030828E+22	8,098673E+21	8,098498E+21	1,030784E+22	1,398919E+22
-1507	1,798862E+22	2,123398E+22	2,302310E+22	2,302288E+22	2,123340E+22	1,798812E+22	1,398911E+22	1,030804E+22	8,098799E+21	8,098960E+21	1,030850E+22	1,398969E+22
-1506	1,798843E+22	2,123305E+22	2,302176E+22	2,302163E+22	2,123281E+22	1,798821E+22	1,398952E+22	1,030848E+22	8,099156E+21	8,099162E+21	1,030842E+22	1,398922E+22
-1505	1,798760E+22	2,123248E+22	2,302207E+22	2,302234E+22	2,123329E+22	1,798845E+22	1,398973E+22	1,030875E+22	8,099369E+21	8,099287E+21	1,030859E+22	1,398978E+22
-1504	1,798872E+22	2,123340E+22	2,302234E+22	2,302232E+22	2,123318E+22	1,798823E+22	1,398941E+22	1,030844E+22	8,099289E+21	8,099466E+21	1,030885E+22	1,398972E+22
-1503	1,798815E+22	2,123250E+22	2,302113E+22	2,302120E+22	2,123276E+22	1,798846E+22	1,398989E+22	1,030884E+22	8,099403E+21	8,099262E+21	1,030841E+22	1,398924E+22
-1502	1,798792E+22	2,123303E+22	2,302239E+22	2,302224E+22	2,123309E+22	1,798833E+22	1,398964E+22	1,030864E+22	8,099301E+21	8,099279E+21	1,030860E+22	1,398977E+22
-1501	1,798862E+22	2,123327E+22	2,302218E+22	2,302197E+22	2,123278E+22	1,798802E+22	1,398937E+22	1,030842E+22	8,099159E+21	8,099218E+21	1,030848E+22	1,398926E+22
-1500	1,798771E+22	2,123225E+22	2,302143E+22	2,302193E+22	2,123326E+22	1,798845E+22	1,398959E+22	1,030847E+22	8,098998E+21	8,098852E+21	1,030812E+22	1,398922E+22
-1499	1,798827E+22	2,123354E+22	2,302281E+22	2,302276E+22	2,123355E+22	1,798833E+22	1,398915E+22	1,030788E+22	8,098514E+21	8,098661E+21	1,030835E+22	1,398985E+22
-1498	1,798874E+22	2,123328E+22	2,302203E+22	2,302179E+22	2,123290E+22	1,798823E+22	1,398928E+22	1,030788E+22	8,098302E+21	8,098307E+21	1,030782E+22	1,398908E+22
-1497	1,798794E+22	2,123287E+22	2,302239E+22	2,302260E+22	2,123347E+22	1,798849E+22	1,398945E+22	1,030798E+22	8,098205E+21	8,098006E+21	1,030749E+22	1,398915E+22
-1496	1,798887E+22	2,123426E+22	2,302338E+22	2,302319E+22	2,123369E+22	1,798826E+22	1,398892E+22	1,030746E+22	8,097958E+21	8,098080E+21	1,030775E+22	1,398917E+22
-1495	1,798830E+22	2,123341E+22	2,302239E+22	2,302221E+22	2,123330E+22	1,798841E+22	1,398924E+22	1,030770E+22	8,097994E+21	8,097907E+21	1,030740E+22	1,398869E+22
-1494	1,798774E+22	2,123323E+22	2,302314E+22	2,302325E+22	2,123388E+22	1,798857E+22	1,398924E+22	1,030771E+22	8,098086E+21	8,098077E+21	1,030769E+22	1,398933E+22
-1493	1,798866E+22	2,123363E+22	2,302288E+22	2,302288E+22	2,123352E+22	1,798828E+22	1,398905E+22	1,030763E+22	8,098166E+21	8,098330E+21	1,030796E+22	1,398922E+22
-1492	1,798801E+22	2,123257E+22	2,302156E+22	2,302203E+22	2,123346E+22	1,798860E+22	1,398952E+22	1,030811E+22	8,098468E+21	8,098350E+21	1,030778E+22	1,398905E+22
-1491	1,798821E+22	2,123354E+22	2,302276E+22	2,302259E+22	2,123345E+22	1,798844E+22	1,398937E+22	1,030809E+22	8,098657E+21	8,098711E+21	1,030830E+22	1,398978E+22
-1490	1,798878E+22	2,123342E+22	2,302210E+22	2,302158E+22	2,123245E+22	1,798792E+22	1,398935E+22	1,030834E+22	8,099039E+21	8,099102E+21	1,030840E+22	1,398925E+22
-1489	1,798771E+22	2,123233E+22	2,302167E+22	2,302192E+22	2,123290E+22	1,798819E+22	1,398969E+22	1,030885E+22	8,099489E+21	8,099342E+21	1,030846E+22	1,398938E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798833E+22	2,123334E+22	2,302243E+22	2,302240E+22	2,123319E+22	1,798812E+22	1,398932E+22	1,030856E+22	8,099585E+21	8,099809E+21	1,030916E+22	1,398996E+22
-1487	1,798824E+22	2,123258E+22	2,302119E+22	2,302101E+22	2,123241E+22	1,798813E+22	1,398971E+22	1,030893E+22	8,099793E+21	8,099829E+21	1,030895E+22	1,398952E+22
-1486	1,798763E+22	2,123212E+22	2,302147E+22	2,302172E+22	2,123289E+22	1,798839E+22	1,398997E+22	1,030922E+22	8,100011E+21	8,099932E+21	1,030900E+22	1,398985E+22
-1485	1,798857E+22	2,123305E+22	2,302175E+22	2,302157E+22	2,123255E+22	1,798801E+22	1,398966E+22	1,030905E+22	8,100034E+21	8,100143E+21	1,030927E+22	1,398978E+22
-1484	1,798790E+22	2,123207E+22	2,302066E+22	2,302079E+22	2,123241E+22	1,798823E+22	1,399000E+22	1,030933E+22	8,100106E+21	8,099929E+21	1,030882E+22	1,398927E+22
-1483	1,798763E+22	2,123253E+22	2,302189E+22	2,302190E+22	2,123286E+22	1,798824E+22	1,398978E+22	1,030908E+22	8,099949E+21	8,099920E+21	1,030908E+22	1,398996E+22
-1482	1,798850E+22	2,123282E+22	2,302154E+22	2,302131E+22	2,123230E+22	1,798781E+22	1,398944E+22	1,030876E+22	8,099717E+21	8,099855E+21	1,030905E+22	1,398958E+22
-1481	1,798768E+22	2,123189E+22	2,302094E+22	2,302143E+22	2,123279E+22	1,798826E+22	1,398976E+22	1,030887E+22	8,099491E+21	8,099348E+21	1,030850E+22	1,398941E+22
-1480	1,798827E+22	2,123324E+22	2,302228E+22	2,302226E+22	2,123323E+22	1,798828E+22	1,398936E+22	1,030832E+22	8,099084E+21	8,099200E+21	1,030870E+22	1,398991E+22
-1479	1,798864E+22	2,123321E+22	2,302187E+22	2,302135E+22	2,123242E+22	1,798801E+22	1,398938E+22	1,030826E+22	8,098846E+21	8,098822E+21	1,030813E+22	1,398913E+22
-1478	1,798780E+22	2,123262E+22	2,302216E+22	2,302235E+22	2,123316E+22	1,798831E+22	1,398954E+22	1,030838E+22	8,098832E+21	8,098670E+21	1,030790E+22	1,398909E+22
-1477	1,798843E+22	2,123365E+22	2,302283E+22	2,302277E+22	2,123337E+22	1,798813E+22	1,398909E+22	1,030798E+22	8,098693E+21	8,098842E+21	1,030834E+22	1,398936E+22
-1476	1,798800E+22	2,123271E+22	2,302164E+22	2,302177E+22	2,123314E+22	1,798840E+22	1,398942E+22	1,030815E+22	8,098683E+21	8,098635E+21	1,030797E+22	1,398896E+22
-1475	1,798762E+22	2,123263E+22	2,302228E+22	2,302254E+22	2,123352E+22	1,798860E+22	1,398956E+22	1,030827E+22	8,098787E+21	8,098754E+21	1,030822E+22	1,398965E+22
-1474	1,798874E+22	2,123330E+22	2,302210E+22	2,302189E+22	2,123274E+22	1,798799E+22	1,398924E+22	1,030819E+22	8,098920E+21	8,099081E+21	1,030854E+22	1,398951E+22
-1473	1,798803E+22	2,123236E+22	2,302113E+22	2,302136E+22	2,123268E+22	1,798820E+22	1,398969E+22	1,030870E+22	8,099251E+21	8,099092E+21	1,030824E+22	1,398914E+22
-1472	1,798801E+22	2,123315E+22	2,302232E+22	2,302216E+22	2,123303E+22	1,798820E+22	1,398951E+22	1,030867E+22	8,099510E+21	8,099578E+21	1,030890E+22	1,398989E+22
-1471	1,798849E+22	2,123308E+22	2,302180E+22	2,302123E+22	2,123211E+22	1,798770E+22	1,398940E+22	1,030878E+22	8,099762E+21	8,099892E+21	1,030903E+22	1,398952E+22
-1470	1,798756E+22	2,123183E+22	2,302111E+22	2,302149E+22	2,123266E+22	1,798818E+22	1,398987E+22	1,030928E+22	8,100178E+21	8,100110E+21	1,030903E+22	1,398955E+22
-1469	1,798808E+22	2,123273E+22	2,302165E+22	2,302172E+22	2,123278E+22	1,798812E+22	1,398969E+22	1,030920E+22	8,100347E+21	8,100543E+21	1,030971E+22	1,399021E+22
-1468	1,798815E+22	2,123209E+22	2,302046E+22	2,302040E+22	2,123207E+22	1,798808E+22	1,399000E+22	1,030954E+22	8,100545E+21	8,100502E+21	1,030935E+22	1,398960E+22
-1467	1,798749E+22	2,123172E+22	2,302082E+22	2,302105E+22	2,123242E+22	1,798830E+22	1,399029E+22	1,030986E+22	8,100796E+21	8,100618E+21	1,030942E+22	1,398993E+22
-1466	1,798835E+22	2,123265E+22	2,302119E+22	2,302089E+22	2,123186E+22	1,798761E+22	1,398974E+22	1,030957E+22	8,100808E+21	8,100935E+21	1,030987E+22	1,398998E+22
-1465	1,798766E+22	2,123159E+22	2,302018E+22	2,302034E+22	2,123188E+22	1,798787E+22	1,399005E+22	1,030976E+22	8,100765E+21	8,100631E+21	1,030937E+22	1,398949E+22
-1464	1,798743E+22	2,123200E+22	2,302124E+22	2,302140E+22	2,123257E+22	1,798815E+22	1,398990E+22	1,030946E+22	8,100542E+21	8,100582E+21	1,030963E+22	1,399023E+22
-1463	1,798845E+22	2,123261E+22	2,302114E+22	2,302077E+22	2,123185E+22	1,798762E+22	1,398951E+22	1,030905E+22	8,100155E+21	8,100326E+21	1,030944E+22	1,398985E+22
-1462	1,798779E+22	2,123177E+22	2,302059E+22	2,302099E+22	2,123244E+22	1,798814E+22	1,398987E+22	1,030919E+22	8,099974E+21	8,099825E+21	1,030876E+22	1,398938E+22
-1461	1,798807E+22	2,123300E+22	2,302193E+22	2,302181E+22	2,123282E+22	1,798814E+22	1,398958E+22	1,030883E+22	8,099713E+21	8,099766E+21	1,030903E+22	1,398990E+22
-1460	1,798834E+22	2,123278E+22	2,302149E+22	2,302121E+22	2,123231E+22	1,798791E+22	1,398951E+22	1,030871E+22	8,099492E+21	8,099440E+21	1,030850E+22	1,398912E+22
-1459	1,798746E+22	2,123205E+22	2,302156E+22	2,302202E+22	2,123307E+22	1,798838E+22	1,398980E+22	1,030888E+22	8,099503E+21	8,099331E+21	1,030842E+22	1,398930E+22
-1458	1,798818E+22	2,123305E+22	2,302204E+22	2,302205E+22	2,123288E+22	1,798799E+22	1,398929E+22	1,030846E+22	8,099371E+21	8,099576E+21	1,030898E+22	1,398973E+22
-1457	1,798794E+22	2,123222E+22	2,302093E+22	2,302106E+22	2,123253E+22	1,798819E+22	1,398968E+22	1,030870E+22	8,099360E+21	8,099308E+21	1,030849E+22	1,398924E+22
-1456	1,798763E+22	2,123230E+22	2,302157E+22	2,302179E+22	2,123298E+22	1,798843E+22	1,398981E+22	1,030885E+22	8,099562E+21	8,099509E+21	1,030875E+22	1,398982E+22
-1455	1,798868E+22	2,123323E+22	2,302178E+22	2,302122E+22	2,123204E+22	1,798761E+22	1,398932E+22	1,030867E+22	8,099644E+21	8,099810E+21	1,030905E+22	1,398969E+22
-1454	1,798793E+22	2,123212E+22	2,302085E+22	2,302103E+22	2,123226E+22	1,798790E+22	1,398971E+22	1,030915E+22	8,100019E+21	8,099913E+21	1,030880E+22	1,398921E+22
-1453	1,798766E+22	2,123260E+22	2,302174E+22	2,302172E+22	2,123269E+22	1,798803E+22	1,398967E+22	1,030921E+22	8,100319E+21	8,100417E+21	1,030955E+22	1,399014E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798823E+22	2,123239E+22	2,302104E+22	2,302082E+22	2,123197E+22	1,798770E+22	1,398963E+22	1,030929E+22	8,100498E+21	8,100634E+21	1,030957E+22	1,398975E+22
-1451	1,798743E+22	2,123130E+22	2,302030E+22	2,302083E+22	2,123235E+22	1,798826E+22	1,399029E+22	1,030992E+22	8,100925E+21	8,100786E+21	1,030952E+22	1,398977E+22
-1450	1,798796E+22	2,123231E+22	2,302089E+22	2,302079E+22	2,123204E+22	1,798786E+22	1,398997E+22	1,030984E+22	8,101158E+21	8,101294E+21	1,031022E+22	1,399036E+22
-1449	1,798798E+22	2,123174E+22	2,301997E+22	2,301975E+22	2,123136E+22	1,798774E+22	1,399023E+22	1,031016E+22	8,101346E+21	8,101253E+21	1,030981E+22	1,398964E+22
-1448	1,798720E+22	2,123125E+22	2,302025E+22	2,302055E+22	2,123200E+22	1,798806E+22	1,399041E+22	1,031039E+22	8,101593E+21	8,101442E+21	1,031001E+22	1,399004E+22
-1447	1,798806E+22	2,123228E+22	2,302076E+22	2,302041E+22	2,123146E+22	1,798735E+22	1,398973E+22	1,030989E+22	8,101398E+21	8,101609E+21	1,031045E+22	1,399032E+22
-1446	1,798761E+22	2,123123E+22	2,301969E+22	2,301994E+22	2,123161E+22	1,798775E+22	1,399008E+22	1,031003E+22	8,101279E+21	8,101222E+21	1,030983E+22	1,398970E+22
-1445	1,798733E+22	2,123160E+22	2,302064E+22	2,302085E+22	2,123222E+22	1,798806E+22	1,399011E+22	1,030990E+22	8,101092E+21	8,101108E+21	1,031003E+22	1,399046E+22
-1444	1,798845E+22	2,123232E+22	2,302066E+22	2,302043E+22	2,123166E+22	1,798757E+22	1,398970E+22	1,030948E+22	8,100701E+21	8,100799E+21	1,030969E+22	1,398986E+22
-1443	1,798767E+22	2,123158E+22	2,302023E+22	2,302060E+22	2,123214E+22	1,798811E+22	1,399016E+22	1,030971E+22	8,100593E+21	8,100360E+21	1,030908E+22	1,398938E+22
-1442	1,798774E+22	2,123258E+22	2,302148E+22	2,302132E+22	2,123234E+22	1,798787E+22	1,398970E+22	1,030932E+22	8,100411E+21	8,100470E+21	1,030955E+22	1,399004E+22
-1441	1,798803E+22	2,123224E+22	2,302093E+22	2,302076E+22	2,123194E+22	1,798774E+22	1,398967E+22	1,030917E+22	8,100150E+21	8,100135E+21	1,030904E+22	1,398934E+22
-1440	1,798725E+22	2,123145E+22	2,302070E+22	2,302135E+22	2,123273E+22	1,798834E+22	1,399001E+22	1,030935E+22	8,100179E+21	8,100054E+21	1,030901E+22	1,398959E+22
-1439	1,798815E+22	2,123279E+22	2,302144E+22	2,302129E+22	2,123228E+22	1,798773E+22	1,398941E+22	1,030887E+22	8,099956E+21	8,100177E+21	1,030948E+22	1,399008E+22
-1438	1,798808E+22	2,123211E+22	2,302049E+22	2,302043E+22	2,123193E+22	1,798786E+22	1,398973E+22	1,030913E+22	8,100025E+21	8,099955E+21	1,030888E+22	1,398929E+22
-1437	1,798743E+22	2,123204E+22	2,302119E+22	2,302125E+22	2,123240E+22	1,798811E+22	1,398995E+22	1,030943E+22	8,100346E+21	8,100254E+21	1,030924E+22	1,398992E+22
-1436	1,798840E+22	2,123278E+22	2,302139E+22	2,302106E+22	2,123187E+22	1,798742E+22	1,398941E+22	1,030916E+22	8,100405E+21	8,100568E+21	1,030954E+22	1,398977E+22
-1435	1,798762E+22	2,123160E+22	2,302025E+22	2,302064E+22	2,123213E+22	1,798796E+22	1,399000E+22	1,030971E+22	8,100778E+21	8,100670E+21	1,030939E+22	1,398944E+22
-1434	1,798736E+22	2,123194E+22	2,302094E+22	2,302101E+22	2,123225E+22	1,798795E+22	1,398996E+22	1,030982E+22	8,101121E+21	8,101228E+21	1,031018E+22	1,399046E+22
-1433	1,798811E+22	2,123185E+22	2,302027E+22	2,302010E+22	2,123145E+22	1,798760E+22	1,398999E+22	1,030996E+22	8,101304E+21	8,101393E+21	1,031009E+22	1,398995E+22
-1432	1,798731E+22	2,123086E+22	2,301949E+22	2,302001E+22	2,123183E+22	1,798815E+22	1,399061E+22	1,031061E+22	8,101808E+21	8,101623E+21	1,031007E+22	1,398988E+22
-1431	1,798774E+22	2,123206E+22	2,302045E+22	2,302010E+22	2,123133E+22	1,798747E+22	1,399007E+22	1,031038E+22	8,101938E+21	8,102080E+21	1,031079E+22	1,399057E+22
-1430	1,798781E+22	2,123137E+22	2,301955E+22	2,301932E+22	2,123089E+22	1,798737E+22	1,399019E+22	1,031058E+22	8,102101E+21	8,102065E+21	1,031039E+22	1,398980E+22
-1429	1,798689E+22	2,123068E+22	2,301962E+22	2,302002E+22	2,123163E+22	1,798786E+22	1,399049E+22	1,031082E+22	8,102280E+21	8,102191E+21	1,031064E+22	1,399040E+22
-1428	1,798796E+22	2,123174E+22	2,302009E+22	2,302001E+22	2,123129E+22	1,798730E+22	1,398986E+22	1,031025E+22	8,101935E+21	8,102168E+21	1,031088E+22	1,399057E+22
-1427	1,798767E+22	2,123098E+22	2,301914E+22	2,301940E+22	2,123135E+22	1,798780E+22	1,399037E+22	1,031049E+22	8,101795E+21	8,101673E+21	1,031016E+22	1,398988E+22
-1426	1,798730E+22	2,123140E+22	2,302019E+22	2,302020E+22	2,123166E+22	1,798783E+22	1,399029E+22	1,031039E+22	8,101702E+21	8,101641E+21	1,031034E+22	1,399052E+22
-1425	1,798828E+22	2,123206E+22	2,302039E+22	2,302007E+22	2,123123E+22	1,798737E+22	1,398990E+22	1,030998E+22	8,101337E+21	8,101376E+21	1,031000E+22	1,398981E+22
-1424	1,798734E+22	2,123114E+22	2,301977E+22	2,302025E+22	2,123194E+22	1,798803E+22	1,399033E+22	1,031020E+22	8,101286E+21	8,101071E+21	1,030958E+22	1,398943E+22
-1423	1,798738E+22	2,123214E+22	2,302097E+22	2,302082E+22	2,123199E+22	1,798771E+22	1,398978E+22	1,030966E+22	8,100975E+21	8,101099E+21	1,031007E+22	1,399032E+22
-1422	1,798792E+22	2,123180E+22	2,302035E+22	2,302024E+22	2,123160E+22	1,798760E+22	1,398975E+22	1,030953E+22	8,100739E+21	8,100766E+21	1,030952E+22	1,398957E+22
-1421	1,798716E+22	2,123104E+22	2,302002E+22	2,302062E+22	2,123222E+22	1,798815E+22	1,399021E+22	1,030985E+22	8,100835E+21	8,100686E+21	1,030948E+22	1,398986E+22
-1420	1,798813E+22	2,123245E+22	2,302088E+22	2,302077E+22	2,123188E+22	1,798753E+22	1,398956E+22	1,030936E+22	8,100629E+21	8,100792E+21	1,030984E+22	1,399017E+22
-1419	1,798798E+22	2,123191E+22	2,302016E+22	2,302000E+22	2,123153E+22	1,798769E+22	1,398994E+22	1,030969E+22	8,100756E+21	8,100649E+21	1,030936E+22	1,398941E+22
-1418	1,798712E+22	2,123156E+22	2,302071E+22	2,302075E+22	2,123191E+22	1,798777E+22	1,399002E+22	1,030996E+22	8,101159E+21	8,101093E+21	1,030987E+22	1,399015E+22
-1417	1,798812E+22	2,123218E+22	2,302076E+22	2,302057E+22	2,123155E+22	1,798733E+22	1,398962E+22	1,030969E+22	8,101179E+21	8,101384E+21	1,031016E+22	1,399002E+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												
-1416	1,798741E+22	2,123099E+22	2,301940E+22	2,301992E+22	2,123181E+22	1,798799E+22	1,399033E+22	1,031032E+22	8,101594E+21	8,101511E+21	1,031001E+22	1,398969E+22
-1415	1,798723E+22	2,123156E+22	2,302023E+22	2,302016E+22	2,123164E+22	1,798776E+22	1,399019E+22	1,031039E+22	8,101870E+21	8,101958E+21	1,031071E+22	1,399072E+22
-1414	1,798809E+22	2,123158E+22	2,301973E+22	2,301941E+22	2,123086E+22	1,798731E+22	1,399012E+22	1,031053E+22	8,102133E+21	8,102174E+21	1,031055E+22	1,399000E+22
-1413	1,798704E+22	2,123043E+22	2,301894E+22	2,301936E+22	2,123124E+22	1,798784E+22	1,399078E+22	1,031123E+22	8,102664E+21	8,102457E+21	1,031065E+22	1,399006E+22
-1412	1,798747E+22	2,123146E+22	2,301990E+22	2,301978E+22	2,123109E+22	1,798727E+22	1,399015E+22	1,031085E+22	8,102672E+21	8,102833E+21	1,031132E+22	1,399076E+22
-1411	1,798763E+22	2,123091E+22	2,301899E+22	2,301887E+22	2,123066E+22	1,798736E+22	1,399040E+22	1,031104E+22	8,102730E+21	8,102728E+21	1,031097E+22	1,399011E+22
-1410	1,798674E+22	2,123019E+22	2,301898E+22	2,301937E+22	2,123115E+22	1,798769E+22	1,399067E+22	1,031129E+22	8,102911E+21	8,102833E+21	1,031115E+22	1,399072E+22
-1409	1,798800E+22	2,123144E+22	2,301955E+22	2,301941E+22	2,123088E+22	1,798723E+22	1,399013E+22	1,031074E+22	8,102542E+21	8,102725E+21	1,031122E+22	1,399067E+22
-1408	1,798761E+22	2,123077E+22	2,301866E+22	2,301881E+22	2,123097E+22	1,798774E+22	1,399064E+22	1,031104E+22	8,102481E+21	8,102301E+21	1,031050E+22	1,398984E+22
-1407	1,798706E+22	2,123123E+22	2,301996E+22	2,301977E+22	2,123117E+22	1,798755E+22	1,399038E+22	1,031082E+22	8,102323E+21	8,102250E+21	1,031073E+22	1,399058E+22
-1406	1,798803E+22	2,123167E+22	2,302005E+22	2,301979E+22	2,123095E+22	1,798709E+22	1,398985E+22	1,031034E+22	8,101981E+21	8,102045E+21	1,031044E+22	1,398987E+22
-1405	1,798696E+22	2,123049E+22	2,301909E+22	2,301969E+22	2,123164E+22	1,798793E+22	1,399045E+22	1,031061E+22	8,101907E+21	8,101746E+21	1,031015E+22	1,398975E+22
-1404	1,798724E+22	2,123149E+22	2,302025E+22	2,302033E+22	2,123175E+22	1,798765E+22	1,398993E+22	1,031004E+22	8,101511E+21	8,101651E+21	1,031049E+22	1,399057E+22
-1403	1,798796E+22	2,123153E+22	2,301977E+22	2,301956E+22	2,123117E+22	1,798752E+22	1,399000E+22	1,031001E+22	8,101309E+21	8,101303E+21	1,030993E+22	1,398978E+22
-1402	1,798710E+22	2,123079E+22	2,301956E+22	2,301991E+22	2,123155E+22	1,798780E+22	1,399031E+22	1,031036E+22	8,101545E+21	8,101359E+21	1,030992E+22	1,399000E+22
-1401	1,798802E+22	2,123217E+22	2,302056E+22	2,302031E+22	2,123141E+22	1,798728E+22	1,398970E+22	1,030987E+22	8,101368E+21	8,101520E+21	1,031029E+22	1,399021E+22
-1400	1,798770E+22	2,123146E+22	2,301966E+22	2,301960E+22	2,123132E+22	1,798761E+22	1,399011E+22	1,031021E+22	8,101547E+21	8,101482E+21	1,030995E+22	1,398954E+22
-1399	1,798683E+22	2,123110E+22	2,302016E+22	2,302021E+22	2,123156E+22	1,798766E+22	1,399017E+22	1,031041E+22	8,101847E+21	8,101840E+21	1,031046E+22	1,399046E+22
-1398	1,798802E+22	2,123168E+22	2,302012E+22	2,302000E+22	2,123121E+22	1,798723E+22	1,398980E+22	1,031022E+22	8,101937E+21	8,102133E+21	1,031068E+22	1,399022E+22
-1397	1,798725E+22	2,123048E+22	2,301863E+22	2,301910E+22	2,123130E+22	1,798790E+22	1,399067E+22	1,031100E+22	8,102435E+21	8,102306E+21	1,031058E+22	1,398994E+22
-1396	1,798711E+22	2,123105E+22	2,301959E+22	2,301955E+22	2,123117E+22	1,798759E+22	1,399045E+22	1,031102E+22	8,102700E+21	8,102729E+21	1,031117E+22	1,399080E+22
-1395	1,798790E+22	2,123124E+22	2,301928E+22	2,301885E+22	2,123037E+22	1,798711E+22	1,399036E+22	1,031116E+22	8,102963E+21	8,102997E+21	1,031117E+22	1,399019E+22
-1394	1,798673E+22	2,122985E+22	2,301833E+22	2,301874E+22	2,123068E+22	1,798746E+22	1,399082E+22	1,031176E+22	8,103497E+21	8,103333E+21	1,031134E+22	1,399039E+22
-1393	1,798732E+22	2,123089E+22	2,301921E+22	2,301915E+22	2,123070E+22	1,798717E+22	1,399032E+22	1,031131E+22	8,103374E+21	8,103583E+21	1,031191E+22	1,399107E+22
-1392	1,798760E+22	2,123049E+22	2,301832E+22	2,301822E+22	2,123031E+22	1,798733E+22	1,399065E+22	1,031153E+22	8,103398E+21	8,103410E+21	1,031147E+22	1,399033E+22
-1391	1,798677E+22	2,123004E+22	2,301853E+22	2,301869E+22	2,123058E+22	1,798745E+22	1,399080E+22	1,031171E+22	8,103477E+21	8,103367E+21	1,031150E+22	1,399083E+22
-1390	1,798797E+22	2,123131E+22	2,301930E+22	2,301900E+22	2,123046E+22	1,798698E+22	1,399019E+22	1,031118E+22	8,103189E+21	8,103300E+21	1,031149E+22	1,399056E+22
-1389	1,798726E+22	2,123038E+22	2,301834E+22	2,301844E+22	2,123063E+22	1,798756E+22	1,399078E+22	1,031151E+22	8,103151E+21	8,102960E+21	1,031094E+22	1,398989E+22
-1388	1,798667E+22	2,123052E+22	2,301943E+22	2,301955E+22	2,123108E+22	1,798749E+22	1,399048E+22	1,031119E+22	8,102902E+21	8,102851E+21	1,031114E+22	1,399066E+22
-1387	1,798776E+22	2,123113E+22	2,301946E+22	2,301935E+22	2,123078E+22	1,798717E+22	1,399009E+22	1,031074E+22	8,102506E+21	8,102621E+21	1,031097E+22	1,399016E+22
-1386	1,798681E+22	2,122993E+22	2,301836E+22	2,301895E+22	2,123109E+22	1,798772E+22	1,399061E+22	1,031105E+22	8,102506E+21	8,102356E+21	1,031065E+22	1,399009E+22
-1385	1,798733E+22	2,123117E+22	2,301962E+22	2,301956E+22	2,123121E+22	1,798753E+22	1,399016E+22	1,031051E+22	8,102131E+21	8,102241E+21	1,031088E+22	1,399072E+22
-1384	1,798798E+22	2,123136E+22	2,301934E+22	2,301893E+22	2,123065E+22	1,798734E+22	1,399019E+22	1,031053E+22	8,102027E+21	8,102006E+21	1,031037E+22	1,398982E+22
-1383	1,798695E+22	2,123062E+22	2,301932E+22	2,301946E+22	2,123099E+22	1,798741E+22	1,399032E+22	1,031077E+22	8,102215E+21	8,102066E+21	1,031042E+22	1,399014E+22
-1382	1,798783E+22	2,123178E+22	2,302020E+22	2,302002E+22	2,123116E+22	1,798704E+22	1,398967E+22	1,031028E+22	8,102097E+21	8,102278E+21	1,031082E+22	1,399034E+22
-1381	1,798739E+22	2,123083E+22	2,301898E+22	2,301903E+22	2,123105E+22	1,798760E+22	1,399033E+22	1,031072E+22	8,102283E+21	8,102262E+21	1,031058E+22	1,398987E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798669E+22	2,123041E+22	2,301939E+22	2,301967E+22	2,123128E+22	1,798767E+22	1,399048E+22	1,031096E+22	8,102554E+21	8,102519E+21	1,031092E+22	1,399063E+22
-1379	1,798796E+22	2,123133E+22	2,301950E+22	2,301929E+22	2,123074E+22	1,798719E+22	1,399018E+22	1,031088E+22	8,102704E+21	8,102847E+21	1,031119E+22	1,399038E+22
-1378	1,798703E+22	2,123004E+22	2,301806E+22	2,301831E+22	2,123053E+22	1,798754E+22	1,399088E+22	1,031168E+22	8,103350E+21	8,103169E+21	1,031115E+22	1,399011E+22
-1377	1,798692E+22	2,123058E+22	2,301904E+22	2,301892E+22	2,123063E+22	1,798737E+22	1,399064E+22	1,031162E+22	8,103583E+21	8,103617E+21	1,031177E+22	1,399092E+22
-1376	1,798763E+22	2,123069E+22	2,301862E+22	2,301827E+22	2,123002E+22	1,798698E+22	1,399053E+22	1,031172E+22	8,103808E+21	8,103901E+21	1,031184E+22	1,399042E+22
-1375	1,798657E+22	2,122943E+22	2,301775E+22	2,301812E+22	2,123021E+22	1,798725E+22	1,399090E+22	1,031216E+22	8,104156E+21	8,104065E+21	1,031195E+22	1,399076E+22
-1374	1,798736E+22	2,123055E+22	2,301867E+22	2,301862E+22	2,123031E+22	1,798696E+22	1,399040E+22	1,031175E+22	8,104039E+21	8,104220E+21	1,031234E+22	1,399122E+22
-1373	1,798750E+22	2,123013E+22	2,301776E+22	2,301759E+22	2,122989E+22	1,798724E+22	1,399090E+22	1,031207E+22	8,104074E+21	8,104041E+21	1,031189E+22	1,399046E+22
-1372	1,798662E+22	2,122964E+22	2,301816E+22	2,301837E+22	2,123026E+22	1,798734E+22	1,399100E+22	1,031219E+22	8,104109E+21	8,103943E+21	1,031180E+22	1,399076E+22
-1371	1,798768E+22	2,123096E+22	2,301898E+22	2,301869E+22	2,123019E+22	1,798690E+22	1,399040E+22	1,031166E+22	8,103809E+21	8,103933E+21	1,031197E+22	1,399063E+22
-1370	1,798684E+22	2,122972E+22	2,301773E+22	2,301793E+22	2,123023E+22	1,798735E+22	1,399086E+22	1,031194E+22	8,103813E+21	8,103671E+21	1,031152E+22	1,399018E+22
-1369	1,798654E+22	2,122989E+22	2,301863E+22	2,301885E+22	2,123073E+22	1,798750E+22	1,399068E+22	1,031157E+22	8,103475E+21	8,103475E+21	1,031164E+22	1,399091E+22
-1368	1,798775E+22	2,123071E+22	2,301874E+22	2,301860E+22	2,123033E+22	1,798711E+22	1,399034E+22	1,031120E+22	8,103103E+21	8,103223E+21	1,031141E+22	1,399038E+22
-1367	1,798693E+22	2,122986E+22	2,301793E+22	2,301825E+22	2,123041E+22	1,798736E+22	1,399065E+22	1,031142E+22	8,103046E+21	8,102885E+21	1,031102E+22	1,399026E+22
-1366	1,798739E+22	2,123111E+22	2,301942E+22	2,301916E+22	2,123069E+22	1,798713E+22	1,399013E+22	1,031093E+22	8,102781E+21	8,102838E+21	1,031120E+22	1,399068E+22
-1365	1,798771E+22	2,123103E+22	2,301908E+22	2,301864E+22	2,123034E+22	1,798715E+22	1,399029E+22	1,031098E+22	8,102706E+21	8,102709E+21	1,031088E+22	1,398995E+22
-1364	1,798664E+22	2,123002E+22	2,301889E+22	2,301929E+22	2,123090E+22	1,798740E+22	1,399047E+22	1,031118E+22	8,102837E+21	8,102718E+21	1,031088E+22	1,399023E+22
-1363	1,798757E+22	2,123128E+22	2,301966E+22	2,301960E+22	2,123100E+22	1,798718E+22	1,399003E+22	1,031080E+22	8,102736E+21	8,102955E+21	1,031138E+22	1,399059E+22
-1362	1,798718E+22	2,123021E+22	2,301821E+22	2,301829E+22	2,123053E+22	1,798749E+22	1,399064E+22	1,031136E+22	8,103090E+21	8,103039E+21	1,031116E+22	1,399016E+22
-1361	1,798668E+22	2,122991E+22	2,301854E+22	2,301877E+22	2,123074E+22	1,798764E+22	1,399085E+22	1,031165E+22	8,103419E+21	8,103326E+21	1,031143E+22	1,399073E+22
-1360	1,798780E+22	2,123095E+22	2,301891E+22	2,301855E+22	2,123012E+22	1,798699E+22	1,399048E+22	1,031160E+22	8,103655E+21	8,103773E+21	1,031180E+22	1,399051E+22
-1359	1,798684E+22	2,122968E+22	2,301757E+22	2,301767E+22	2,122981E+22	1,798705E+22	1,399087E+22	1,031219E+22	8,104186E+21	8,104063E+21	1,031184E+22	1,399038E+22
-1358	1,798675E+22	2,123008E+22	2,301845E+22	2,301841E+22	2,123019E+22	1,798700E+22	1,399059E+22	1,031207E+22	8,104385E+21	8,104465E+21	1,031241E+22	1,399117E+22
-1357	1,798743E+22	2,123013E+22	2,301792E+22	2,301764E+22	2,122963E+22	1,798687E+22	1,399069E+22	1,031217E+22	8,104507E+21	8,104668E+21	1,031249E+22	1,399080E+22
-1356	1,798653E+22	2,122893E+22	2,301712E+22	2,301761E+22	2,122986E+22	1,798718E+22	1,399111E+22	1,031261E+22	8,104752E+21	8,104639E+21	1,031233E+22	1,399089E+22
-1355	1,798734E+22	2,123037E+22	2,301826E+22	2,301810E+22	2,122994E+22	1,798695E+22	1,399072E+22	1,031229E+22	8,104654E+21	8,104792E+21	1,031272E+22	1,399127E+22
-1354	1,798724E+22	2,122975E+22	2,301734E+22	2,301708E+22	2,122936E+22	1,798698E+22	1,399108E+22	1,031263E+22	8,104814E+21	8,104724E+21	1,031231E+22	1,399053E+22
-1353	1,798637E+22	2,122912E+22	2,301758E+22	2,301789E+22	2,122998E+22	1,798730E+22	1,399121E+22	1,031269E+22	8,104807E+21	8,104638E+21	1,031225E+22	1,399077E+22
-1352	1,798732E+22	2,123038E+22	2,301836E+22	2,301821E+22	2,122994E+22	1,798689E+22	1,399063E+22	1,031214E+22	8,104478E+21	8,104636E+21	1,031250E+22	1,399082E+22
-1351	1,798669E+22	2,122928E+22	2,301710E+22	2,301728E+22	2,122970E+22	1,798712E+22	1,399094E+22	1,031228E+22	8,104343E+21	8,104258E+21	1,031203E+22	1,399052E+22
-1350	1,798662E+22	2,122962E+22	2,301805E+22	2,301825E+22	2,123023E+22	1,798722E+22	1,399074E+22	1,031198E+22	8,104050E+21	8,104014E+21	1,031202E+22	1,399106E+22
-1349	1,798773E+22	2,123051E+22	2,301825E+22	2,301797E+22	2,122983E+22	1,798692E+22	1,399050E+22	1,031165E+22	8,103711E+21	8,103807E+21	1,031183E+22	1,399053E+22
-1348	1,798684E+22	2,122962E+22	2,301771E+22	2,301799E+22	2,123003E+22	1,798714E+22	1,399075E+22	1,031182E+22	8,103629E+21	8,103441E+21	1,031134E+22	1,399024E+22
-1347	1,798717E+22	2,123086E+22	2,301922E+22	2,301900E+22	2,123048E+22	1,798700E+22	1,399027E+22	1,031136E+22	8,103387E+21	8,103489E+21	1,031172E+22	1,399078E+22
-1346	1,798730E+22	2,123038E+22	2,301851E+22	2,301825E+22	2,123004E+22	1,798701E+22	1,399042E+22	1,031145E+22	8,103415E+21	8,103458E+21	1,031148E+22	1,399024E+22
-1345	1,798651E+22	2,122940E+22	2,301805E+22	2,301860E+22	2,123063E+22	1,798753E+22	1,399080E+22	1,031171E+22	8,103545E+21	8,103444E+21	1,031142E+22	1,399042E+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°
-1344	1,798741E+22	2,123078E+22	2,301886E+22	2,301880E+22	2,123052E+22	1,798718E+22	1,399042E+22	1,031147E+22	8,103540E+21	8,103713E+21	1,031189E+22	1,399075E+22
-1343	1,798713E+22	2,122993E+22	2,301759E+22	2,301747E+22	2,122976E+22	1,798713E+22	1,399080E+22	1,031195E+22	8,103896E+21	8,103820E+21	1,031169E+22	1,399036E+22
-1342	1,798660E+22	2,122964E+22	2,301806E+22	2,301816E+22	2,123007E+22	1,798717E+22	1,399089E+22	1,031224E+22	8,104300E+21	8,104166E+21	1,031197E+22	1,399079E+22
-1341	1,798746E+22	2,123041E+22	2,301831E+22	2,301800E+22	2,122966E+22	1,798672E+22	1,399058E+22	1,031214E+22	8,104495E+21	8,104666E+21	1,031251E+22	1,399079E+22
-1340	1,798658E+22	2,122905E+22	2,301700E+22	2,301731E+22	2,122953E+22	1,798691E+22	1,399097E+22	1,031262E+22	8,104868E+21	8,104803E+21	1,031242E+22	1,399064E+22
-1339	1,798664E+22	2,122966E+22	2,301790E+22	2,301793E+22	2,122988E+22	1,798698E+22	1,399086E+22	1,031256E+22	8,105012E+21	8,105149E+21	1,031301E+22	1,399147E+22
-1338	1,798731E+22	2,122963E+22	2,301724E+22	2,301699E+22	2,122913E+22	1,798673E+22	1,399095E+22	1,031276E+22	8,105247E+21	8,105365E+21	1,031299E+22	1,399105E+22
-1337	1,798655E+22	2,122862E+22	2,301646E+22	2,301687E+22	2,122944E+22	1,798721E+22	1,399146E+22	1,031322E+22	8,105510E+21	8,105327E+21	1,031272E+22	1,399085E+22
-1336	1,798705E+22	2,123003E+22	2,301783E+22	2,301757E+22	2,122949E+22	1,798684E+22	1,399104E+22	1,031295E+22	8,105473E+21	8,105547E+21	1,031316E+22	1,399127E+22
-1335	1,798695E+22	2,122931E+22	2,301687E+22	2,301663E+22	2,122886E+22	1,798663E+22	1,399111E+22	1,031307E+22	8,105521E+21	8,105466E+21	1,031287E+22	1,399073E+22
-1334	1,798617E+22	2,122859E+22	2,301691E+22	2,301739E+22	2,122961E+22	1,798702E+22	1,399122E+22	1,031308E+22	8,105460E+21	8,105314E+21	1,031278E+22	1,399099E+22
-1333	1,798711E+22	2,122983E+22	2,301760E+22	2,301756E+22	2,122955E+22	1,798680E+22	1,399080E+22	1,031254E+22	8,105040E+21	8,105246E+21	1,031304E+22	1,399118E+22
-1332	1,798670E+22	2,122893E+22	2,301660E+22	2,301678E+22	2,122926E+22	1,798693E+22	1,399107E+22	1,031264E+22	8,104815E+21	8,104706E+21	1,031234E+22	1,399065E+22
-1331	1,798665E+22	2,122960E+22	2,301783E+22	2,301782E+22	2,122980E+22	1,798704E+22	1,399091E+22	1,031239E+22	8,104566E+21	8,104522E+21	1,031237E+22	1,399111E+22
-1330	1,798750E+22	2,123024E+22	2,301798E+22	2,301763E+22	2,122938E+22	1,798663E+22	1,399058E+22	1,031211E+22	8,104370E+21	8,104444E+21	1,031224E+22	1,399063E+22
-1329	1,798664E+22	2,122920E+22	2,301719E+22	2,301763E+22	2,122990E+22	1,798716E+22	1,399091E+22	1,031225E+22	8,104280E+21	8,104109E+21	1,031179E+22	1,399027E+22
-1328	1,798680E+22	2,123032E+22	2,301866E+22	2,301861E+22	2,123034E+22	1,798710E+22	1,399057E+22	1,031188E+22	8,104081E+21	8,104187E+21	1,031222E+22	1,399098E+22
-1327	1,798716E+22	2,122989E+22	2,301781E+22	2,301763E+22	2,122957E+22	1,798683E+22	1,399060E+22	1,031192E+22	8,104067E+21	8,104134E+21	1,031202E+22	1,399056E+22
-1326	1,798651E+22	2,122899E+22	2,301727E+22	2,301787E+22	2,123008E+22	1,798728E+22	1,399100E+22	1,031230E+22	8,104310E+21	8,104144E+21	1,031189E+22	1,399056E+22
-1325	1,798724E+22	2,123040E+22	2,301819E+22	2,301804E+22	2,122993E+22	1,798698E+22	1,399068E+22	1,031209E+22	8,104362E+21	8,104514E+21	1,031246E+22	1,399095E+22
-1324	1,798692E+22	2,122952E+22	2,301718E+22	2,301699E+22	2,122917E+22	1,798677E+22	1,399091E+22	1,031249E+22	8,104681E+21	8,104605E+21	1,031223E+22	1,399047E+22
-1323	1,798637E+22	2,122927E+22	2,301763E+22	2,301774E+22	2,122967E+22	1,798692E+22	1,399099E+22	1,031273E+22	8,105057E+21	8,105012E+21	1,031267E+22	1,399106E+22
-1322	1,798715E+22	2,122976E+22	2,301757E+22	2,301739E+22	2,122922E+22	1,798651E+22	1,399069E+22	1,031265E+22	8,105286E+21	8,105509E+21	1,031320E+22	1,399120E+22
-1321	1,798658E+22	2,122855E+22	2,301613E+22	2,301653E+22	2,122919E+22	1,798697E+22	1,399127E+22	1,031315E+22	8,105594E+21	8,105532E+21	1,031294E+22	1,399085E+22
-1320	1,798657E+22	2,122932E+22	2,301728E+22	2,301725E+22	2,122943E+22	1,798695E+22	1,399124E+22	1,031323E+22	8,105803E+21	8,105850E+21	1,031342E+22	1,399159E+22
-1319	1,798725E+22	2,122940E+22	2,301678E+22	2,301637E+22	2,122850E+22	1,798641E+22	1,399112E+22	1,031333E+22	8,106019E+21	8,106081E+21	1,031343E+22	1,399114E+22
-1318	1,798637E+22	2,122832E+22	2,301605E+22	2,301644E+22	2,122897E+22	1,798686E+22	1,399157E+22	1,031380E+22	8,106320E+21	8,106082E+21	1,031317E+22	1,399083E+22
-1317	1,798658E+22	2,122943E+22	2,301725E+22	2,301713E+22	2,122922E+22	1,798673E+22	1,399120E+22	1,031344E+22	8,106211E+21	8,106326E+21	1,031376E+22	1,399147E+22
-1316	1,798660E+22	2,122868E+22	2,301630E+22	2,301624E+22	2,122860E+22	1,798655E+22	1,399124E+22	1,031345E+22	8,106095E+21	8,106082E+21	1,031337E+22	1,399098E+22
-1315	1,798608E+22	2,122821E+22	2,301634E+22	2,301687E+22	2,122928E+22	1,798696E+22	1,399142E+22	1,031347E+22	8,105972E+21	8,105884E+21	1,031329E+22	1,399128E+22
-1314	1,798703E+22	2,122940E+22	2,301693E+22	2,301689E+22	2,122906E+22	1,798660E+22	1,399096E+22	1,031301E+22	8,105652E+21	8,105822E+21	1,031346E+22	1,399146E+22
-1313	1,798680E+22	2,122879E+22	2,301610E+22	2,301615E+22	2,122887E+22	1,798688E+22	1,399127E+22	1,031310E+22	8,105427E+21	8,105279E+21	1,031267E+22	1,399066E+22
-1312	1,798645E+22	2,122940E+22	2,301758E+22	2,301746E+22	2,122941E+22	1,798686E+22	1,399109E+22	1,031290E+22	8,105245E+21	8,105158E+21	1,031275E+22	1,399116E+22
-1311	1,798727E+22	2,122984E+22	2,301758E+22	2,301731E+22	2,122903E+22	1,798632E+22	1,399056E+22	1,031247E+22	8,104989E+21	8,105112E+21	1,031276E+22	1,399085E+22
-1310	1,798648E+22	2,122875E+22	2,301659E+22	2,301716E+22	2,122961E+22	1,798697E+22	1,399099E+22	1,031267E+22	8,104909E+21	8,104758E+21	1,031228E+22	1,399045E+22
-1309	1,798654E+22	2,122973E+22	2,301786E+22	2,301792E+22	2,122998E+22	1,798709E+22	1,399085E+22	1,031238E+22	8,104727E+21	8,104840E+21	1,031273E+22	1,399123E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798705E+22	2,122950E+22	2,301725E+22	2,301702E+22	2,122910E+22	1,798667E+22	1,399082E+22	1,031243E+22	8,104711E+21	8,104725E+21	1,031240E+22	1,399068E+22
-1307	1,798644E+22	2,122883E+22	2,301687E+22	2,301727E+22	2,122953E+22	1,798703E+22	1,399120E+22	1,031285E+22	8,105033E+21	8,104867E+21	1,031240E+22	1,399066E+22
-1306	1,798691E+22	2,122989E+22	2,301766E+22	2,301749E+22	2,122937E+22	1,798664E+22	1,399079E+22	1,031268E+22	8,105213E+21	8,105361E+21	1,031307E+22	1,399118E+22
-1305	1,798673E+22	2,122902E+22	2,301649E+22	2,301641E+22	2,122889E+22	1,798670E+22	1,399106E+22	1,031300E+22	8,105481E+21	8,105447E+21	1,031284E+22	1,399064E+22
-1304	1,798608E+22	2,122875E+22	2,301702E+22	2,301719E+22	2,122934E+22	1,798688E+22	1,399127E+22	1,031331E+22	8,105857E+21	8,105817E+21	1,031326E+22	1,399136E+22
-1303	1,798710E+22	2,122931E+22	2,301688E+22	2,301673E+22	2,122871E+22	1,798628E+22	1,399087E+22	1,031318E+22	8,106035E+21	8,106267E+21	1,031377E+22	1,399153E+22
-1302	1,798663E+22	2,122827E+22	2,301549E+22	2,301585E+22	2,122867E+22	1,798673E+22	1,399149E+22	1,031379E+22	8,106409E+21	8,106266E+21	1,031340E+22	1,399094E+22
-1301	1,798633E+22	2,122894E+22	2,301673E+22	2,301662E+22	2,122895E+22	1,798682E+22	1,399154E+22	1,031389E+22	8,106650E+21	8,106648E+21	1,031394E+22	1,399168E+22
-1300	1,798691E+22	2,122895E+22	2,301644E+22	2,301602E+22	2,122809E+22	1,798615E+22	1,399126E+22	1,031387E+22	8,106780E+21	8,106831E+21	1,031393E+22	1,399121E+22
-1299	1,798604E+22	2,122783E+22	2,301555E+22	2,301604E+22	2,122870E+22	1,798672E+22	1,399169E+22	1,031424E+22	8,107009E+21	8,106867E+21	1,031384E+22	1,399108E+22
-1298	1,798623E+22	2,122867E+22	2,301642E+22	2,301647E+22	2,122883E+22	1,798660E+22	1,399134E+22	1,031389E+22	8,106883E+21	8,107050E+21	1,031437E+22	1,399189E+22
-1297	1,798665E+22	2,122821E+22	2,301541E+22	2,301539E+22	2,122823E+22	1,798655E+22	1,399146E+22	1,031388E+22	8,106679E+21	8,106672E+21	1,031380E+22	1,399119E+22
-1296	1,798609E+22	2,122802E+22	2,301587E+22	2,301621E+22	2,122878E+22	1,798681E+22	1,399166E+22	1,031399E+22	8,106598E+21	8,106425E+21	1,031360E+22	1,399143E+22
-1295	1,798709E+22	2,122930E+22	2,301662E+22	2,301635E+22	2,122844E+22	1,798618E+22	1,399096E+22	1,031340E+22	8,106251E+21	8,106390E+21	1,031381E+22	1,399154E+22
-1294	1,798670E+22	2,122861E+22	2,301584E+22	2,301584E+22	2,122849E+22	1,798652E+22	1,399127E+22	1,031351E+22	8,106043E+21	8,105872E+21	1,031303E+22	1,399064E+22
-1293	1,798606E+22	2,122890E+22	2,301715E+22	2,301717E+22	2,122928E+22	1,798683E+22	1,399123E+22	1,031329E+22	8,105836E+21	8,105790E+21	1,031323E+22	1,399131E+22
-1292	1,798695E+22	2,122930E+22	2,301715E+22	2,301699E+22	2,122885E+22	1,798629E+22	1,399072E+22	1,031283E+22	8,105501E+21	8,105645E+21	1,031316E+22	1,399103E+22
-1291	1,798637E+22	2,122839E+22	2,301604E+22	2,301663E+22	2,122931E+22	1,798696E+22	1,399125E+22	1,031311E+22	8,105487E+21	8,105372E+21	1,031276E+22	1,399065E+22
-1290	1,798635E+22	2,122920E+22	2,301711E+22	2,301715E+22	2,122946E+22	1,798694E+22	1,399111E+22	1,031298E+22	8,105486E+21	8,105542E+21	1,031320E+22	1,399144E+22
-1289	1,798701E+22	2,122918E+22	2,301658E+22	2,301624E+22	2,122861E+22	1,798656E+22	1,399106E+22	1,031304E+22	8,105529E+21	8,105501E+21	1,031288E+22	1,399073E+22
-1288	1,798616E+22	2,122846E+22	2,301647E+22	2,301676E+22	2,122903E+22	1,798675E+22	1,399138E+22	1,031348E+22	8,105915E+21	8,105717E+21	1,031297E+22	1,399087E+22
-1287	1,798672E+22	2,122934E+22	2,301704E+22	2,301692E+22	2,122886E+22	1,798625E+22	1,399077E+22	1,031314E+22	8,106014E+21	8,106235E+21	1,031377E+22	1,399156E+22
-1286	1,798667E+22	2,122855E+22	2,301580E+22	2,301578E+22	2,122844E+22	1,798645E+22	1,399117E+22	1,031351E+22	8,106237E+21	8,106244E+21	1,031346E+22	1,399093E+22
-1285	1,798594E+22	2,122825E+22	2,301629E+22	2,301648E+22	2,122892E+22	1,798683E+22	1,399155E+22	1,031388E+22	8,106610E+21	8,106574E+21	1,031383E+22	1,399161E+22
-1284	1,798699E+22	2,122899E+22	2,301644E+22	2,301617E+22	2,122826E+22	1,798613E+22	1,399110E+22	1,031375E+22	8,106771E+21	8,106944E+21	1,031418E+22	1,399161E+22
-1283	1,798650E+22	2,122807E+22	2,301517E+22	2,301537E+22	2,122825E+22	1,798657E+22	1,399172E+22	1,031437E+22	8,107201E+21	8,107063E+21	1,031392E+22	1,399098E+22
-1282	1,798588E+22	2,122824E+22	2,301610E+22	2,301612E+22	2,122857E+22	1,798664E+22	1,399174E+22	1,031450E+22	8,107512E+21	8,107500E+21	1,031453E+22	1,399186E+22
-1281	1,798665E+22	2,122832E+22	2,301563E+22	2,301541E+22	2,122790E+22	1,798620E+22	1,399148E+22	1,031439E+22	8,107537E+21	8,107621E+21	1,031452E+22	1,399141E+22
-1280	1,798579E+22	2,122727E+22	2,301487E+22	2,301538E+22	2,122828E+22	1,798665E+22	1,399195E+22	1,031477E+22	8,107702E+21	8,107547E+21	1,031435E+22	1,399142E+22
-1279	1,798626E+22	2,122820E+22	2,301568E+22	2,301569E+22	2,122823E+22	1,798631E+22	1,399144E+22	1,031432E+22	8,107494E+21	8,107665E+21	1,031485E+22	1,399221E+22
-1278	1,798682E+22	2,122809E+22	2,301494E+22	2,301472E+22	2,122762E+22	1,798622E+22	1,399156E+22	1,031435E+22	8,107291E+21	8,107238E+21	1,031414E+22	1,399125E+22
-1277	1,798596E+22	2,122783E+22	2,301557E+22	2,301572E+22	2,122831E+22	1,798659E+22	1,399178E+22	1,031443E+22	8,107222E+21	8,107035E+21	1,031398E+22	1,399146E+22
-1276	1,798681E+22	2,122902E+22	2,301652E+22	2,301620E+22	2,122817E+22	1,798593E+22	1,399097E+22	1,031375E+22	8,106803E+21	8,106951E+21	1,031417E+22	1,399157E+22
-1275	1,798645E+22	2,122825E+22	2,301554E+22	2,301562E+22	2,122838E+22	1,798645E+22	1,399133E+22	1,031380E+22	8,106573E+21	8,106498E+21	1,031354E+22	1,399080E+22
-1274	1,798572E+22	2,122816E+22	2,301639E+22	2,301662E+22	2,122904E+22	1,798684E+22	1,399145E+22	1,031372E+22	8,106432E+21	8,106405E+21	1,031371E+22	1,399157E+22
-1273	1,798691E+22	2,122883E+22	2,301633E+22	2,301624E+22	2,122856E+22	1,798638E+22	1,399103E+22	1,031334E+22	8,106124E+21	8,106234E+21	1,031354E+22	1,399113E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798624E+22	2,122809E+22	2,301555E+22	2,301592E+22	2,122876E+22	1,798682E+22	1,399156E+22	1,031375E+22	8,106240E+21	8,106023E+21	1,031315E+22	1,399079E+22
-1271	1,798627E+22	2,122884E+22	2,301662E+22	2,301648E+22	2,122879E+22	1,798652E+22	1,399117E+22	1,031351E+22	8,106273E+21	8,106324E+21	1,031372E+22	1,399160E+22
-1270	1,798689E+22	2,122883E+22	2,301612E+22	2,301574E+22	2,122809E+22	1,798616E+22	1,399110E+22	1,031356E+22	8,106323E+21	8,106328E+21	1,031347E+22	1,399088E+22
-1269	1,798585E+22	2,122789E+22	2,301589E+22	2,301627E+22	2,122873E+22	1,798663E+22	1,399150E+22	1,031395E+22	8,106667E+21	8,106548E+21	1,031364E+22	1,399118E+22
-1268	1,798652E+22	2,122884E+22	2,301655E+22	2,301645E+22	2,122853E+22	1,798613E+22	1,399093E+22	1,031358E+22	8,106671E+21	8,106930E+21	1,031432E+22	1,399185E+22
-1267	1,798667E+22	2,122822E+22	2,301528E+22	2,301523E+22	2,122810E+22	1,798639E+22	1,399142E+22	1,031402E+22	8,106945E+21	8,106988E+21	1,031402E+22	1,399115E+22
-1266	1,798579E+22	2,122775E+22	2,301559E+22	2,301575E+22	2,122845E+22	1,798675E+22	1,399188E+22	1,031456E+22	8,107462E+21	8,107365E+21	1,031433E+22	1,399177E+22
-1265	1,798687E+22	2,122862E+22	2,301580E+22	2,301547E+22	2,122785E+22	1,798608E+22	1,399142E+22	1,031443E+22	8,107655E+21	8,107774E+21	1,031468E+22	1,399161E+22
-1264	1,798610E+22	2,122755E+22	2,301471E+22	2,301486E+22	2,122782E+22	1,798640E+22	1,399198E+22	1,031505E+22	8,108108E+21	8,107927E+21	1,031452E+22	1,399121E+22
-1263	1,798564E+22	2,122752E+22	2,301529E+22	2,301543E+22	2,122806E+22	1,798634E+22	1,399178E+22	1,031498E+22	8,108295E+21	8,108346E+21	1,031520E+22	1,399221E+22
-1262	1,798660E+22	2,122779E+22	2,301481E+22	2,301460E+22	2,122731E+22	1,798594E+22	1,399162E+22	1,031487E+22	8,108212E+21	8,108329E+21	1,031508E+22	1,399169E+22
-1261	1,798574E+22	2,122687E+22	2,301420E+22	2,301464E+22	2,122775E+22	1,798648E+22	1,399213E+22	1,031524E+22	8,108326E+21	8,108169E+21	1,031482E+22	1,399164E+22
-1260	1,798625E+22	2,122807E+22	2,301543E+22	2,301517E+22	2,122767E+22	1,798600E+22	1,399152E+22	1,031472E+22	8,108049E+21	8,108175E+21	1,031515E+22	1,399225E+22
-1259	1,798675E+22	2,122804E+22	2,301488E+22	2,301448E+22	2,122728E+22	1,798599E+22	1,399161E+22	1,031469E+22	8,107862E+21	8,107844E+21	1,031452E+22	1,399123E+22
-1258	1,798558E+22	2,122731E+22	2,301518E+22	2,301546E+22	2,122812E+22	1,798648E+22	1,399189E+22	1,031484E+22	8,107845E+21	8,107672E+21	1,031441E+22	1,399153E+22
-1257	1,798655E+22	2,122848E+22	2,301588E+22	2,301581E+22	2,122818E+22	1,798610E+22	1,399120E+22	1,031415E+22	8,107381E+21	8,107547E+21	1,031459E+22	1,399164E+22
-1256	1,798615E+22	2,122771E+22	2,301500E+22	2,301515E+22	2,122815E+22	1,798653E+22	1,399167E+22	1,031433E+22	8,107195E+21	8,107074E+21	1,031396E+22	1,399107E+22
-1255	1,798569E+22	2,122757E+22	2,301558E+22	2,301587E+22	2,122853E+22	1,798665E+22	1,399163E+22	1,031422E+22	8,107091E+21	8,107046E+21	1,031417E+22	1,399180E+22
-1254	1,798695E+22	2,122857E+22	2,301574E+22	2,301547E+22	2,122789E+22	1,798610E+22	1,399124E+22	1,031391E+22	8,106843E+21	8,106921E+21	1,031400E+22	1,399123E+22
-1253	1,798607E+22	2,122776E+22	2,301513E+22	2,301533E+22	2,122816E+22	1,798652E+22	1,399169E+22	1,031427E+22	8,107007E+21	8,106811E+21	1,031372E+22	1,399093E+22
-1252	1,798602E+22	2,122847E+22	2,301633E+22	2,301611E+22	2,122833E+22	1,798617E+22	1,399115E+22	1,031391E+22	8,106966E+21	8,107075E+21	1,031430E+22	1,399183E+22
-1251	1,798676E+22	2,122846E+22	2,301570E+22	2,301535E+22	2,122782E+22	1,798601E+22	1,399112E+22	1,031388E+22	8,106979E+21	8,107124E+21	1,031414E+22	1,399118E+22
-1250	1,798567E+22	2,122723E+22	2,301509E+22	2,301560E+22	2,122836E+22	1,798659E+22	1,399173E+22	1,031445E+22	8,107369E+21	8,107279E+21	1,031421E+22	1,399149E+22
-1249	1,798657E+22	2,122846E+22	2,301577E+22	2,301572E+22	2,122822E+22	1,798620E+22	1,399128E+22	1,031420E+22	8,107423E+21	8,107618E+21	1,031474E+22	1,399194E+22
-1248	1,798652E+22	2,122795E+22	2,301487E+22	2,301462E+22	2,122757E+22	1,798627E+22	1,399179E+22	1,031475E+22	8,107818E+21	8,107730E+21	1,031444E+22	1,399125E+22
-1247	1,798559E+22	2,122720E+22	2,301498E+22	2,301512E+22	2,122785E+22	1,798642E+22	1,399204E+22	1,031520E+22	8,108367E+21	8,108246E+21	1,031490E+22	1,399185E+22
-1246	1,798659E+22	2,122809E+22	2,301521E+22	2,301491E+22	2,122734E+22	1,798581E+22	1,399159E+22	1,031504E+22	8,108509E+21	8,108656E+21	1,031532E+22	1,399175E+22
-1245	1,798572E+22	2,122687E+22	2,301398E+22	2,301421E+22	2,122739E+22	1,798628E+22	1,399217E+22	1,031557E+22	8,108883E+21	8,108769E+21	1,031520E+22	1,399151E+22
-1244	1,798546E+22	2,122701E+22	2,301468E+22	2,301478E+22	2,122756E+22	1,798614E+22	1,399191E+22	1,031541E+22	8,108924E+21	8,109007E+21	1,031573E+22	1,399251E+22
-1243	1,798668E+22	2,122756E+22	2,301430E+22	2,301402E+22	2,122687E+22	1,798575E+22	1,399173E+22	1,031527E+22	8,108828E+21	8,108985E+21	1,031556E+22	1,399188E+22
-1242	1,798566E+22	2,122653E+22	2,301367E+22	2,301402E+22	2,122727E+22	1,798630E+22	1,399232E+22	1,031574E+22	8,108995E+21	8,108800E+21	1,031522E+22	1,399175E+22
-1241	1,798617E+22	2,122784E+22	2,301504E+22	2,301479E+22	2,122740E+22	1,798591E+22	1,399170E+22	1,031520E+22	8,108710E+21	8,108803E+21	1,031552E+22	1,399221E+22
-1240	1,798638E+22	2,122762E+22	2,301463E+22	2,301429E+22	2,122707E+22	1,798589E+22	1,399178E+22	1,031518E+22	8,108524E+21	8,108474E+21	1,031498E+22	1,399141E+22
-1239	1,798535E+22	2,122662E+22	2,301446E+22	2,301496E+22	2,122783E+22	1,798637E+22	1,399198E+22	1,031521E+22	8,108443E+21	8,108329E+21	1,031494E+22	1,399177E+22
-1238	1,798647E+22	2,122801E+22	2,301515E+22	2,301511E+22	2,122771E+22	1,798601E+22	1,399144E+22	1,031460E+22	8,107944E+21	8,108128E+21	1,031503E+22	1,399182E+22
-1237	1,798606E+22	2,122732E+22	2,301435E+22	2,301443E+22	2,122762E+22	1,798642E+22	1,399192E+22	1,031483E+22	8,107823E+21	8,107681E+21	1,031440E+22	1,399123E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798564E+22	2,122740E+22	2,301522E+22	2,301527E+22	2,122790E+22	1,798633E+22	1,399173E+22	1,031466E+22	8,107714E+21	8,107638E+21	1,031455E+22	1,399189E+22
-1235	1,798686E+22	2,122838E+22	2,301550E+22	2,301511E+22	2,122745E+22	1,798579E+22	1,399125E+22	1,031429E+22	8,107511E+21	8,107656E+21	1,031453E+22	1,399133E+22
-1234	1,798577E+22	2,122722E+22	2,301461E+22	2,301493E+22	2,122785E+22	1,798634E+22	1,399178E+22	1,031471E+22	8,107700E+21	8,107561E+21	1,031430E+22	1,399118E+22
-1233	1,798590E+22	2,122800E+22	2,301565E+22	2,301561E+22	2,122814E+22	1,798619E+22	1,399136E+22	1,031437E+22	8,107625E+21	8,107764E+21	1,031482E+22	1,399200E+22
-1232	1,798657E+22	2,122801E+22	2,301519E+22	2,301487E+22	2,122750E+22	1,798601E+22	1,399145E+22	1,031447E+22	8,107698E+21	8,107786E+21	1,031463E+22	1,399148E+22
-1231	1,798567E+22	2,122674E+22	2,301432E+22	2,301484E+22	2,122782E+22	1,798641E+22	1,399197E+22	1,031505E+22	8,108169E+21	8,108039E+21	1,031471E+22	1,399164E+22
-1230	1,798649E+22	2,122816E+22	2,301518E+22	2,301494E+22	2,122754E+22	1,798598E+22	1,399161E+22	1,031491E+22	8,108299E+21	8,108434E+21	1,031523E+22	1,399195E+22
-1229	1,798617E+22	2,122745E+22	2,301437E+22	2,301408E+22	2,122703E+22	1,798604E+22	1,399203E+22	1,031544E+22	8,108759E+21	8,108665E+21	1,031509E+22	1,399138E+22
-1228	1,798522E+22	2,122662E+22	2,301441E+22	2,301461E+22	2,122738E+22	1,798611E+22	1,399211E+22	1,031572E+22	8,109189E+21	8,109119E+21	1,031558E+22	1,399211E+22
-1227	1,798636E+22	2,122752E+22	2,301453E+22	2,301434E+22	2,122696E+22	1,798564E+22	1,399166E+22	1,031544E+22	8,109241E+21	8,109514E+21	1,031603E+22	1,399210E+22
-1226	1,798557E+22	2,122622E+22	2,301310E+22	2,301342E+22	2,122688E+22	1,798615E+22	1,399238E+22	1,031606E+22	8,109576E+21	8,109493E+21	1,031579E+22	1,399186E+22
-1225	1,798556E+22	2,122672E+22	2,301396E+22	2,301405E+22	2,122712E+22	1,798604E+22	1,399216E+22	1,031594E+22	8,109599E+21	8,109627E+21	1,031612E+22	1,399260E+22
-1224	1,798658E+22	2,122741E+22	2,301406E+22	2,301360E+22	2,122642E+22	1,798558E+22	1,399196E+22	1,031584E+22	8,109539E+21	8,109591E+21	1,031593E+22	1,399200E+22
-1223	1,798552E+22	2,122613E+22	2,301322E+22	2,301362E+22	2,122685E+22	1,798602E+22	1,399238E+22	1,031619E+22	8,109690E+21	8,109493E+21	1,031567E+22	1,399181E+22
-1222	1,798593E+22	2,122744E+22	2,301458E+22	2,301440E+22	2,122709E+22	1,798581E+22	1,399189E+22	1,031566E+22	8,109335E+21	8,109451E+21	1,031599E+22	1,399230E+22
-1221	1,798604E+22	2,122704E+22	2,301406E+22	2,301388E+22	2,122684E+22	1,798591E+22	1,399202E+22	1,031561E+22	8,109116E+21	8,109103E+21	1,031549E+22	1,399162E+22
-1220	1,798519E+22	2,122618E+22	2,301386E+22	2,301441E+22	2,122743E+22	1,798625E+22	1,399216E+22	1,031561E+22	8,108965E+21	8,108855E+21	1,031536E+22	1,399198E+22
-1219	1,798646E+22	2,122777E+22	2,301465E+22	2,301455E+22	2,122730E+22	1,798586E+22	1,399157E+22	1,031499E+22	8,108527E+21	8,108730E+21	1,031545E+22	1,399195E+22
-1218	1,798593E+22	2,122698E+22	2,301379E+22	2,301376E+22	2,122705E+22	1,798619E+22	1,399209E+22	1,031533E+22	8,108495E+21	8,108330E+21	1,031484E+22	1,399135E+22
-1217	1,798553E+22	2,122713E+22	2,301476E+22	2,301484E+22	2,122753E+22	1,798611E+22	1,399185E+22	1,031516E+22	8,108412E+21	8,108325E+21	1,031501E+22	1,399194E+22
-1216	1,798656E+22	2,122800E+22	2,301516E+22	2,301484E+22	2,122717E+22	1,798560E+22	1,399135E+22	1,031476E+22	8,108205E+21	8,108342E+21	1,031508E+22	1,399165E+22
-1215	1,798563E+22	2,122659E+22	2,301381E+22	2,301433E+22	2,122746E+22	1,798616E+22	1,399185E+22	1,031511E+22	8,108360E+21	8,108283E+21	1,031488E+22	1,399148E+22
-1214	1,798588E+22	2,122761E+22	2,301496E+22	2,301489E+22	2,122760E+22	1,798608E+22	1,399166E+22	1,031491E+22	8,108291E+21	8,108426E+21	1,031530E+22	1,399218E+22
-1213	1,798644E+22	2,122764E+22	2,301460E+22	2,301423E+22	2,122697E+22	1,798588E+22	1,399176E+22	1,031511E+22	8,108487E+21	8,108523E+21	1,031511E+22	1,399157E+22
-1212	1,798548E+22	2,122649E+22	2,301390E+22	2,301425E+22	2,122723E+22	1,798613E+22	1,399216E+22	1,031565E+22	8,108987E+21	8,108818E+21	1,031520E+22	1,399168E+22
-1211	1,798619E+22	2,122777E+22	2,301477E+22	2,301455E+22	2,122714E+22	1,798573E+22	1,399170E+22	1,031543E+22	8,109162E+21	8,109349E+21	1,031586E+22	1,399205E+22
-1210	1,798574E+22	2,122670E+22	2,301357E+22	2,301350E+22	2,122667E+22	1,798591E+22	1,399223E+22	1,031601E+22	8,109607E+21	8,109564E+21	1,031580E+22	1,399169E+22
-1209	1,798504E+22	2,122599E+22	2,301351E+22	2,301394E+22	2,122706E+22	1,798607E+22	1,399236E+22	1,031627E+22	8,109952E+21	8,109905E+21	1,031620E+22	1,399239E+22
-1208	1,798621E+22	2,122703E+22	2,301386E+22	2,301371E+22	2,122652E+22	1,798554E+22	1,399196E+22	1,031604E+22	8,109980E+21	8,110196E+21	1,031659E+22	1,399250E+22
-1207	1,798565E+22	2,122582E+22	2,301233E+22	2,301261E+22	2,122627E+22	1,798589E+22	1,399254E+22	1,031660E+22	8,110316E+21	8,110210E+21	1,031628E+22	1,399207E+22
-1206	1,798558E+22	2,122661E+22	2,301356E+22	2,301338E+22	2,122643E+22	1,798577E+22	1,399240E+22	1,031652E+22	8,110329E+21	8,110323E+21	1,031655E+22	1,399263E+22
-1205	1,798628E+22	2,122706E+22	2,301376E+22	2,301330E+22	2,122604E+22	1,798536E+22	1,399211E+22	1,031637E+22	8,110285E+21	8,110339E+21	1,031644E+22	1,399208E+22
-1204	1,798522E+22	2,122573E+22	2,301281E+22	2,301329E+22	2,122658E+22	1,798582E+22	1,399241E+22	1,031656E+22	8,110301E+21	8,110150E+21	1,031618E+22	1,399199E+22
-1203	1,798570E+22	2,122695E+22	2,301400E+22	2,301397E+22	2,122688E+22	1,798576E+22	1,399198E+22	1,031598E+22	8,109892E+21	8,110076E+21	1,031647E+22	1,399250E+22
-1202	1,798586E+22	2,122648E+22	2,301328E+22	2,301321E+22	2,122645E+22	1,798586E+22	1,399228E+22	1,031608E+22	8,109686E+21	8,109655E+21	1,031591E+22	1,399185E+22
-1201	1,798523E+22	2,122591E+22	2,301319E+22	2,301373E+22	2,122698E+22	1,798611E+22	1,399240E+22	1,031612E+22	8,109568E+21	8,109379E+21	1,031566E+22	1,399200E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798625E+22	2,122754E+22	2,301437E+22	2,301414E+22	2,122683E+22	1,798563E+22	1,399176E+22	1,031552E+22	8,109193E+21	8,109307E+21	1,031583E+22	1,399210E+22
-1199	1,798574E+22	2,122655E+22	2,301330E+22	2,301332E+22	2,122660E+22	1,798583E+22	1,399208E+22	1,031573E+22	8,109175E+21	8,109049E+21	1,031536E+22	1,399150E+22
-1198	1,798533E+22	2,122676E+22	2,301427E+22	2,301433E+22	2,122710E+22	1,798592E+22	1,399198E+22	1,031557E+22	8,109048E+21	8,109015E+21	1,031554E+22	1,399212E+22
-1197	1,798629E+22	2,122748E+22	2,301459E+22	2,301441E+22	2,122689E+22	1,798556E+22	1,399157E+22	1,031522E+22	8,108862E+21	8,109033E+21	1,031562E+22	1,399190E+22
-1196	1,798555E+22	2,122626E+22	2,301322E+22	2,301375E+22	2,122705E+22	1,798600E+22	1,399203E+22	1,031558E+22	8,109001E+21	8,108916E+21	1,031535E+22	1,399169E+22
-1195	1,798582E+22	2,122734E+22	2,301445E+22	2,301433E+22	2,122720E+22	1,798595E+22	1,399185E+22	1,031543E+22	8,109046E+21	8,109160E+21	1,031575E+22	1,399225E+22
-1194	1,798618E+22	2,122718E+22	2,301401E+22	2,301360E+22	2,122646E+22	1,798571E+22	1,399205E+22	1,031577E+22	8,109353E+21	8,109357E+21	1,031567E+22	1,399170E+22
-1193	1,798522E+22	2,122598E+22	2,301324E+22	2,301374E+22	2,122686E+22	1,798594E+22	1,399238E+22	1,031630E+22	8,109876E+21	8,109696E+21	1,031581E+22	1,399181E+22
-1192	1,798577E+22	2,122712E+22	2,301414E+22	2,301408E+22	2,122683E+22	1,798561E+22	1,399191E+22	1,031603E+22	8,110007E+21	8,110200E+21	1,031657E+22	1,399248E+22
-1191	1,798560E+22	2,122597E+22	2,301256E+22	2,301263E+22	2,122612E+22	1,798569E+22	1,399236E+22	1,031652E+22	8,110397E+21	8,110415E+21	1,031650E+22	1,399210E+22
-1190	1,798511E+22	2,122566E+22	2,301274E+22	2,301300E+22	2,122632E+22	1,798586E+22	1,399265E+22	1,031686E+22	8,110692E+21	8,110631E+21	1,031673E+22	1,399264E+22
-1189	1,798617E+22	2,122679E+22	2,301336E+22	2,301305E+22	2,122593E+22	1,798530E+22	1,399219E+22	1,031665E+22	8,110767E+21	8,110924E+21	1,031705E+22	1,399261E+22
-1188	1,798555E+22	2,122571E+22	2,301206E+22	2,301215E+22	2,122574E+22	1,798554E+22	1,399262E+22	1,031709E+22	8,111032E+21	8,110902E+21	1,031672E+22	1,399213E+22
-1187	1,798534E+22	2,122632E+22	2,301333E+22	2,301318E+22	2,122621E+22	1,798557E+22	1,399242E+22	1,031692E+22	8,111027E+21	8,111056E+21	1,031703E+22	1,399267E+22
-1186	1,798588E+22	2,122643E+22	2,301314E+22	2,301289E+22	2,122588E+22	1,798536E+22	1,399232E+22	1,031682E+22	8,110929E+21	8,111013E+21	1,031695E+22	1,399227E+22
-1185	1,798500E+22	2,122516E+22	2,301207E+22	2,301280E+22	2,122642E+22	1,798588E+22	1,399269E+22	1,031703E+22	8,110892E+21	8,110727E+21	1,031660E+22	1,399213E+22
-1184	1,798547E+22	2,122647E+22	2,301342E+22	2,301346E+22	2,122658E+22	1,798573E+22	1,399226E+22	1,031650E+22	8,110489E+21	8,110591E+21	1,031686E+22	1,399276E+22
-1183	1,798581E+22	2,122604E+22	2,301251E+22	2,301239E+22	2,122586E+22	1,798560E+22	1,399242E+22	1,031657E+22	8,110351E+21	8,110285E+21	1,031632E+22	1,399200E+22
-1182	1,798518E+22	2,122576E+22	2,301279E+22	2,301303E+22	2,122628E+22	1,798579E+22	1,399257E+22	1,031662E+22	8,110238E+21	8,110037E+21	1,031610E+22	1,399208E+22
-1181	1,798597E+22	2,122715E+22	2,301403E+22	2,301380E+22	2,122642E+22	1,798532E+22	1,399181E+22	1,031597E+22	8,109889E+21	8,110037E+21	1,031638E+22	1,399227E+22
-1180	1,798555E+22	2,122621E+22	2,301285E+22	2,301290E+22	2,122627E+22	1,798558E+22	1,399203E+22	1,031601E+22	8,109740E+21	8,109704E+21	1,031591E+22	1,399179E+22
-1179	1,798525E+22	2,122640E+22	2,301376E+22	2,301387E+22	2,122684E+22	1,798581E+22	1,399202E+22	1,031587E+22	8,109609E+21	8,109643E+21	1,031602E+22	1,399234E+22
-1178	1,798619E+22	2,122702E+22	2,301389E+22	2,301375E+22	2,122652E+22	1,798552E+22	1,399185E+22	1,031574E+22	8,109504E+21	8,109642E+21	1,031604E+22	1,399209E+22
-1177	1,798553E+22	2,122598E+22	2,301265E+22	2,301317E+22	2,122666E+22	1,798590E+22	1,399233E+22	1,031620E+22	8,109758E+21	8,109578E+21	1,031572E+22	1,399169E+22
-1176	1,798548E+22	2,122694E+22	2,301408E+22	2,301393E+22	2,122682E+22	1,798581E+22	1,399213E+22	1,031612E+22	8,109894E+21	8,109919E+21	1,031625E+22	1,399240E+22
-1175	1,798585E+22	2,122652E+22	2,301327E+22	2,301298E+22	2,122602E+22	1,798546E+22	1,399219E+22	1,031638E+22	8,110250E+21	8,110283E+21	1,031635E+22	1,399193E+22
-1174	1,798498E+22	2,122545E+22	2,301251E+22	2,301294E+22	2,122629E+22	1,798580E+22	1,399265E+22	1,031689E+22	8,110702E+21	8,110572E+21	1,031650E+22	1,399211E+22
-1173	1,798553E+22	2,122648E+22	2,301338E+22	2,301338E+22	2,122635E+22	1,798548E+22	1,399217E+22	1,031664E+22	8,110831E+21	8,111044E+21	1,031723E+22	1,399283E+22
-1172	1,798564E+22	2,122570E+22	2,301191E+22	2,301186E+22	2,122552E+22	1,798540E+22	1,399249E+22	1,031704E+22	8,111139E+21	8,111160E+21	1,031705E+22	1,399238E+22
-1171	1,798516E+22	2,122551E+22	2,301231E+22	2,301239E+22	2,122580E+22	1,798557E+22	1,399272E+22	1,031736E+22	8,111473E+21	8,111388E+21	1,031719E+22	1,399272E+22
-1170	1,798596E+22	2,122643E+22	2,301294E+22	2,301258E+22	2,122550E+22	1,798511E+22	1,399240E+22	1,031725E+22	8,111574E+21	8,111702E+21	1,031755E+22	1,399271E+22
-1169	1,798529E+22	2,122526E+22	2,301162E+22	2,301188E+22	2,122553E+22	1,798538E+22	1,399277E+22	1,031762E+22	8,111786E+21	8,111643E+21	1,031721E+22	1,399219E+22
-1168	1,798489E+22	2,122564E+22	2,301278E+22	2,301287E+22	2,122609E+22	1,798560E+22	1,399265E+22	1,031741E+22	8,111691E+21	8,111716E+21	1,031757E+22	1,399297E+22
-1167	1,798567E+22	2,122570E+22	2,301221E+22	2,301214E+22	2,122549E+22	1,798529E+22	1,399251E+22	1,031726E+22	8,111564E+21	8,111678E+21	1,031747E+22	1,399254E+22
-1166	1,798500E+22	2,122484E+22	2,301135E+22	2,301185E+22	2,122574E+22	1,798574E+22	1,399299E+22	1,031754E+22	8,111504E+21	8,111310E+21	1,031700E+22	1,399228E+22
-1165	1,798535E+22	2,122614E+22	2,301292E+22	2,301280E+22	2,122603E+22	1,798550E+22	1,399245E+22	1,031702E+22	8,111172E+21	8,111224E+21	1,031724E+22	1,399283E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798573E+22	2,122591E+22	2,301222E+22	2,301191E+22	2,122531E+22	1,798519E+22	1,399237E+22	1,031692E+22	8,110963E+21	8,110919E+21	1,031675E+22	1,399212E+22
-1163	1,798503E+22	2,122549E+22	2,301254E+22	2,301278E+22	2,122601E+22	1,798550E+22	1,399245E+22	1,031690E+22	8,110831E+21	8,110691E+21	1,031656E+22	1,399222E+22
-1162	1,798572E+22	2,122663E+22	2,301350E+22	2,301340E+22	2,122624E+22	1,798529E+22	1,399195E+22	1,031635E+22	8,110450E+21	8,110647E+21	1,031688E+22	1,399253E+22
-1161	1,798547E+22	2,122576E+22	2,301229E+22	2,301250E+22	2,122610E+22	1,798559E+22	1,399227E+22	1,031645E+22	8,110296E+21	8,110245E+21	1,031629E+22	1,399195E+22
-1160	1,798510E+22	2,122601E+22	2,301327E+22	2,301343E+22	2,122662E+22	1,798586E+22	1,399235E+22	1,031643E+22	8,110241E+21	8,110194E+21	1,031639E+22	1,399252E+22
-1159	1,798609E+22	2,122661E+22	2,301320E+22	2,301298E+22	2,122601E+22	1,798537E+22	1,399210E+22	1,031635E+22	8,110303E+21	8,110393E+21	1,031651E+22	1,399217E+22
-1158	1,798535E+22	2,122569E+22	2,301220E+22	2,301242E+22	2,122598E+22	1,798568E+22	1,399263E+22	1,031688E+22	8,110638E+21	8,110435E+21	1,031629E+22	1,399178E+22
-1157	1,798507E+22	2,122627E+22	2,301349E+22	2,301344E+22	2,122642E+22	1,798558E+22	1,399231E+22	1,031675E+22	8,110822E+21	8,110868E+21	1,031694E+22	1,399263E+22
-1156	1,798562E+22	2,122596E+22	2,301251E+22	2,301228E+22	2,122553E+22	1,798519E+22	1,399224E+22	1,031684E+22	8,111039E+21	8,111163E+21	1,031708E+22	1,399235E+22
-1155	1,798496E+22	2,122501E+22	2,301183E+22	2,301223E+22	2,122578E+22	1,798554E+22	1,399270E+22	1,031734E+22	8,111451E+21	8,111366E+21	1,031711E+22	1,399244E+22
-1154	1,798552E+22	2,122605E+22	2,301265E+22	2,301256E+22	2,122575E+22	1,798528E+22	1,399242E+22	1,031723E+22	8,111594E+21	8,111777E+21	1,031774E+22	1,399305E+22
-1153	1,798562E+22	2,122545E+22	2,301149E+22	2,301134E+22	2,122505E+22	1,798517E+22	1,399269E+22	1,031763E+22	8,111920E+21	8,111873E+21	1,031745E+22	1,399239E+22
-1152	1,798487E+22	2,122516E+22	2,301207E+22	2,301215E+22	2,122554E+22	1,798544E+22	1,399292E+22	1,031793E+22	8,112244E+21	8,112120E+21	1,031767E+22	1,399282E+22
-1151	1,798561E+22	2,122577E+22	2,301224E+22	2,301206E+22	2,122522E+22	1,798499E+22	1,399254E+22	1,031776E+22	8,112362E+21	8,112519E+21	1,031814E+22	1,399288E+22
-1150	1,798502E+22	2,122471E+22	2,301095E+22	2,301117E+22	2,122514E+22	1,798542E+22	1,399309E+22	1,031814E+22	8,112488E+21	8,112373E+21	1,031778E+22	1,399242E+22
-1149	1,798462E+22	2,122493E+22	2,301202E+22	2,301224E+22	2,122573E+22	1,798556E+22	1,399295E+22	1,031797E+22	8,112391E+21	8,112399E+21	1,031805E+22	1,399318E+22
-1148	1,798567E+22	2,122538E+22	2,301152E+22	2,301135E+22	2,122491E+22	1,798505E+22	1,399263E+22	1,031771E+22	8,112179E+21	8,112291E+21	1,031792E+22	1,399276E+22
-1147	1,798504E+22	2,122471E+22	2,301098E+22	2,301121E+22	2,122513E+22	1,798539E+22	1,399299E+22	1,031794E+22	8,112145E+21	8,111933E+21	1,031739E+22	1,399235E+22
-1146	1,798519E+22	2,122582E+22	2,301254E+22	2,301231E+22	2,122553E+22	1,798523E+22	1,399254E+22	1,031747E+22	8,111819E+21	8,111881E+21	1,031770E+22	1,399297E+22
-1145	1,798557E+22	2,122553E+22	2,301190E+22	2,301171E+22	2,122511E+22	1,798499E+22	1,399238E+22	1,031728E+22	8,111545E+21	8,111535E+21	1,031721E+22	1,399225E+22
-1144	1,798479E+22	2,122501E+22	2,301213E+22	2,301253E+22	2,122592E+22	1,798551E+22	1,399258E+22	1,031724E+22	8,111338E+21	8,111234E+21	1,031703E+22	1,399250E+22
-1143	1,798563E+22	2,122609E+22	2,301273E+22	2,301273E+22	2,122590E+22	1,798525E+22	1,399216E+22	1,031678E+22	8,111038E+21	8,111236E+21	1,031730E+22	1,399274E+22
-1142	1,798549E+22	2,122555E+22	2,301178E+22	2,301170E+22	2,122552E+22	1,798553E+22	1,399262E+22	1,031702E+22	8,110964E+21	8,110852E+21	1,031667E+22	1,399201E+22
-1141	1,798487E+22	2,122557E+22	2,301282E+22	2,301290E+22	2,122615E+22	1,798571E+22	1,399264E+22	1,031710E+22	8,111074E+21	8,110950E+21	1,031681E+22	1,399250E+22
-1140	1,798584E+22	2,122628E+22	2,301277E+22	2,301246E+22	2,122549E+22	1,798505E+22	1,399218E+22	1,031687E+22	8,111116E+21	8,111235E+21	1,031710E+22	1,399232E+22
-1139	1,798508E+22	2,122520E+22	2,301169E+22	2,301191E+22	2,122558E+22	1,798540E+22	1,399263E+22	1,031734E+22	8,111455E+21	8,111308E+21	1,031693E+22	1,399200E+22
-1138	1,798480E+22	2,122556E+22	2,301268E+22	2,301274E+22	2,122602E+22	1,798551E+22	1,399253E+22	1,031729E+22	8,111601E+21	8,111703E+21	1,031763E+22	1,399300E+22
-1137	1,798559E+22	2,122543E+22	2,301181E+22	2,301169E+22	2,122510E+22	1,798502E+22	1,399243E+22	1,031738E+22	8,111775E+21	8,111898E+21	1,031763E+22	1,399261E+22
-1136	1,798490E+22	2,122462E+22	2,301126E+22	2,301164E+22	2,122537E+22	1,798543E+22	1,399294E+22	1,031791E+22	8,112183E+21	8,112063E+21	1,031762E+22	1,399269E+22
-1135	1,798545E+22	2,122567E+22	2,301201E+22	2,301180E+22	2,122517E+22	1,798507E+22	1,399263E+22	1,031785E+22	8,112445E+21	8,112601E+21	1,031828E+22	1,399317E+22
-1134	1,798545E+22	2,122516E+22	2,301112E+22	2,301071E+22	2,122446E+22	1,798499E+22	1,399296E+22	1,031826E+22	8,112777E+21	8,112722E+21	1,031803E+22	1,399248E+22
-1133	1,798445E+22	2,122446E+22	2,301149E+22	2,301175E+22	2,122529E+22	1,798535E+22	1,399313E+22	1,031853E+22	8,113097E+21	8,112988E+21	1,031827E+22	1,399297E+22
-1132	1,798539E+22	2,122523E+22	2,301148E+22	2,301138E+22	2,122483E+22	1,798486E+22	1,399266E+22	1,031819E+22	8,113048E+21	8,113274E+21	1,031875E+22	1,399319E+22
-1131	1,798497E+22	2,122427E+22	2,301027E+22	2,301044E+22	2,122462E+22	1,798522E+22	1,399320E+22	1,031858E+22	8,113141E+21	8,113017E+21	1,031824E+22	1,399263E+22
-1130	1,798457E+22	2,122450E+22	2,301130E+22	2,301145E+22	2,122516E+22	1,798540E+22	1,399320E+22	1,031851E+22	8,113048E+21	8,113006E+21	1,031846E+22	1,399332E+22
-1129	1,798562E+22	2,122512E+22	2,301119E+22	2,301092E+22	2,122441E+22	1,798475E+22	1,399275E+22	1,031818E+22	8,112815E+21	8,112877E+21	1,031827E+22	1,399277E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798481E+22	2,122441E+22	2,301080E+22	2,301105E+22	2,122489E+22	1,798520E+22	1,399306E+22	1,031832E+22	8,112713E+21	8,112525E+21	1,031784E+22	1,399249E+22
-1127	1,798495E+22	2,122532E+22	2,301198E+22	2,301187E+22	2,122525E+22	1,798510E+22	1,399261E+22	1,031783E+22	8,112418E+21	8,112538E+21	1,031821E+22	1,399315E+22
-1126	1,798542E+22	2,122517E+22	2,301144E+22	2,301115E+22	2,122477E+22	1,798503E+22	1,399265E+22	1,031768E+22	8,112100E+21	8,112122E+21	1,031767E+22	1,399245E+22
-1125	1,798462E+22	2,122449E+22	2,301156E+22	2,301209E+22	2,122568E+22	1,798553E+22	1,399288E+22	1,031776E+22	8,111974E+21	8,111831E+21	1,031741E+22	1,399260E+22
-1124	1,798562E+22	2,122584E+22	2,301212E+22	2,301204E+22	2,122542E+22	1,798510E+22	1,399234E+22	1,031726E+22	8,111688E+21	8,111859E+21	1,031771E+22	1,399285E+22
-1123	1,798541E+22	2,122534E+22	2,301143E+22	2,301115E+22	2,122497E+22	1,798524E+22	1,399273E+22	1,031755E+22	8,111732E+21	8,111579E+21	1,031712E+22	1,399206E+22
-1122	1,798458E+22	2,122501E+22	2,301225E+22	2,301237E+22	2,122566E+22	1,798548E+22	1,399283E+22	1,031768E+22	8,111891E+21	8,111784E+21	1,031742E+22	1,399265E+22
-1121	1,798552E+22	2,122561E+22	2,301218E+22	2,301207E+22	2,122516E+22	1,798485E+22	1,399226E+22	1,031735E+22	8,111874E+21	8,112050E+21	1,031774E+22	1,399258E+22
-1120	1,798487E+22	2,122461E+22	2,301103E+22	2,301139E+22	2,122527E+22	1,798532E+22	1,399278E+22	1,031777E+22	8,112112E+21	8,112053E+21	1,031760E+22	1,399240E+22
-1119	1,798479E+22	2,122502E+22	2,301173E+22	2,301178E+22	2,122539E+22	1,798532E+22	1,399274E+22	1,031783E+22	8,112348E+21	8,112465E+21	1,031820E+22	1,399330E+22
-1118	1,798567E+22	2,122525E+22	2,301125E+22	2,301079E+22	2,122440E+22	1,798486E+22	1,399274E+22	1,031800E+22	8,112570E+21	8,112642E+21	1,031811E+22	1,399274E+22
-1117	1,798473E+22	2,122426E+22	2,301085E+22	2,301115E+22	2,122489E+22	1,798523E+22	1,399319E+22	1,031859E+22	8,113076E+21	8,112890E+21	1,031809E+22	1,399269E+22
-1116	1,798522E+22	2,122532E+22	2,301155E+22	2,301132E+22	2,122472E+22	1,798481E+22	1,399274E+22	1,031839E+22	8,113272E+21	8,113454E+21	1,031887E+22	1,399331E+22
-1115	1,798516E+22	2,122466E+22	2,301063E+22	2,301029E+22	2,122414E+22	1,798482E+22	1,399306E+22	1,031876E+22	8,113571E+21	8,113537E+21	1,031862E+22	1,399266E+22
-1114	1,798414E+22	2,122372E+22	2,301065E+22	2,301111E+22	2,122494E+22	1,798537E+22	1,399346E+22	1,031910E+22	8,113837E+21	8,113746E+21	1,031887E+22	1,399323E+22
-1113	1,798523E+22	2,122466E+22	2,301080E+22	2,301083E+22	2,122443E+22	1,798476E+22	1,399292E+22	1,031873E+22	8,113723E+21	8,113918E+21	1,031921E+22	1,399338E+22
-1112	1,798489E+22	2,122393E+22	2,300973E+22	2,300986E+22	2,122419E+22	1,798509E+22	1,399341E+22	1,031909E+22	8,113773E+21	8,113632E+21	1,031869E+22	1,399280E+22
-1111	1,798448E+22	2,122417E+22	2,301070E+22	2,301071E+22	2,122450E+22	1,798511E+22	1,399335E+22	1,031903E+22	8,113779E+21	8,113718E+21	1,031894E+22	1,399344E+22
-1110	1,798547E+22	2,122489E+22	2,301086E+22	2,301042E+22	2,122391E+22	1,798452E+22	1,399287E+22	1,031864E+22	8,113502E+21	8,113580E+21	1,031878E+22	1,399291E+22
-1109	1,798450E+22	2,122384E+22	2,301032E+22	2,301080E+22	2,122472E+22	1,798511E+22	1,399316E+22	1,031874E+22	8,113361E+21	8,113207E+21	1,031834E+22	1,399268E+22
-1108	1,798488E+22	2,122495E+22	2,301137E+22	2,301133E+22	2,122492E+22	1,798499E+22	1,399269E+22	1,031814E+22	8,112931E+21	8,113124E+21	1,031871E+22	1,399344E+22
-1107	1,798545E+22	2,122491E+22	2,301095E+22	2,301059E+22	2,122431E+22	1,798484E+22	1,399276E+22	1,031808E+22	8,112650E+21	8,112635E+21	1,031801E+22	1,399256E+22
-1106	1,798453E+22	2,122413E+22	2,301096E+22	2,301145E+22	2,122522E+22	1,798544E+22	1,399316E+22	1,031830E+22	8,112628E+21	8,112424E+21	1,031777E+22	1,399262E+22
-1105	1,798539E+22	2,122549E+22	2,301182E+22	2,301172E+22	2,122500E+22	1,798487E+22	1,399249E+22	1,031777E+22	8,112381E+21	8,112505E+21	1,031809E+22	1,399283E+22
-1104	1,798507E+22	2,122486E+22	2,301102E+22	2,301088E+22	2,122471E+22	1,798509E+22	1,399285E+22	1,031802E+22	8,112410E+21	8,112310E+21	1,031770E+22	1,399224E+22
-1103	1,798428E+22	2,122435E+22	2,301140E+22	2,301167E+22	2,122524E+22	1,798534E+22	1,399299E+22	1,031818E+22	8,112645E+21	8,112598E+21	1,031809E+22	1,399297E+22
-1102	1,798540E+22	2,122514E+22	2,301146E+22	2,301126E+22	2,122463E+22	1,798479E+22	1,399255E+22	1,031789E+22	8,112598E+21	8,112805E+21	1,031836E+22	1,399291E+22
-1101	1,798478E+22	2,122409E+22	2,301032E+22	2,301076E+22	2,122482E+22	1,798521E+22	1,399305E+22	1,031838E+22	8,112898E+21	8,112804E+21	1,031810E+22	1,399261E+22
-1100	1,798487E+22	2,122486E+22	2,301113E+22	2,301099E+22	2,122473E+22	1,798503E+22	1,399289E+22	1,031837E+22	8,113128E+21	8,113236E+21	1,031873E+22	1,399346E+22
-1099	1,798559E+22	2,122508E+22	2,301096E+22	2,301029E+22	2,122379E+22	1,798449E+22	1,399284E+22	1,031859E+22	8,113432E+21	8,113458E+21	1,031862E+22	1,399279E+22
-1098	1,798440E+22	2,122371E+22	2,301031E+22	2,301073E+22	2,122453E+22	1,798507E+22	1,399342E+22	1,031923E+22	8,113965E+21	8,113784E+21	1,031873E+22	1,399282E+22
-1097	1,798481E+22	2,122461E+22	2,301097E+22	2,301099E+22	2,122449E+22	1,798471E+22	1,399292E+22	1,031892E+22	8,114060E+21	8,114264E+21	1,031948E+22	1,399353E+22
-1096	1,798490E+22	2,122401E+22	2,300990E+22	2,300977E+22	2,122388E+22	1,798483E+22	1,399333E+22	1,031927E+22	8,114242E+21	8,114268E+21	1,031925E+22	1,399299E+22
-1095	1,798406E+22	2,122314E+22	2,300965E+22	2,301013E+22	2,122431E+22	1,798522E+22	1,399375E+22	1,031970E+22	8,114585E+21	8,114472E+21	1,031941E+22	1,399346E+22
-1094	1,798519E+22	2,122442E+22	2,301021E+22	2,300995E+22	2,122374E+22	1,798458E+22	1,399319E+22	1,031932E+22	8,114471E+21	8,114610E+21	1,031966E+22	1,399350E+22
-1093	1,798470E+22	2,122359E+22	2,300935E+22	2,300944E+22	2,122373E+22	1,798483E+22	1,399355E+22	1,031963E+22	8,114537E+21	8,114360E+21	1,031912E+22	1,399287E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798435E+22	2,122390E+22	2,301025E+22	2,301025E+22	2,122406E+22	1,798478E+22	1,399331E+22	1,031939E+22	8,114416E+21	8,114419E+21	1,031948E+22	1,399363E+22
-1091	1,798531E+22	2,122456E+22	2,301050E+22	2,301011E+22	2,122364E+22	1,798431E+22	1,399288E+22	1,031898E+22	8,114072E+21	8,114177E+21	1,031925E+22	1,399312E+22
-1090	1,798435E+22	2,122335E+22	2,300970E+22	2,301033E+22	2,122447E+22	1,798510E+22	1,399340E+22	1,031915E+22	8,113894E+21	8,113750E+21	1,031877E+22	1,399287E+22
-1089	1,798474E+22	2,122452E+22	2,301087E+22	2,301094E+22	2,122463E+22	1,798493E+22	1,399292E+22	1,031857E+22	8,113455E+21	8,113590E+21	1,031900E+22	1,399351E+22
-1088	1,798533E+22	2,122465E+22	2,301055E+22	2,301019E+22	2,122401E+22	1,798479E+22	1,399300E+22	1,031853E+22	8,113208E+21	8,113183E+21	1,031839E+22	1,399263E+22
-1087	1,798432E+22	2,122374E+22	2,301032E+22	2,301075E+22	2,122462E+22	1,798521E+22	1,399337E+22	1,031887E+22	8,113381E+21	8,113157E+21	1,031827E+22	1,399270E+22
-1086	1,798507E+22	2,122506E+22	2,301129E+22	2,301115E+22	2,122455E+22	1,798470E+22	1,399266E+22	1,031830E+22	8,113152E+21	8,113295E+21	1,031869E+22	1,399302E+22
-1085	1,798475E+22	2,122420E+22	2,301033E+22	2,301041E+22	2,122441E+22	1,798495E+22	1,399299E+22	1,031851E+22	8,113179E+21	8,113113E+21	1,031830E+22	1,399254E+22
-1084	1,798428E+22	2,122394E+22	2,301059E+22	2,301084E+22	2,122464E+22	1,798508E+22	1,399309E+22	1,031861E+22	8,113319E+21	8,113336E+21	1,031871E+22	1,399335E+22
-1083	1,798549E+22	2,122493E+22	2,301092E+22	2,301056E+22	2,122398E+22	1,798444E+22	1,399266E+22	1,031842E+22	8,113320E+21	8,113477E+21	1,031883E+22	1,399310E+22
-1082	1,798472E+22	2,122381E+22	2,300980E+22	2,301013E+22	2,122427E+22	1,798500E+22	1,399331E+22	1,031901E+22	8,113705E+21	8,113557E+21	1,031857E+22	1,399268E+22
-1081	1,798459E+22	2,122450E+22	2,301088E+22	2,301074E+22	2,122434E+22	1,798479E+22	1,399306E+22	1,031896E+22	8,113945E+21	8,114016E+21	1,031921E+22	1,399349E+22
-1080	1,798522E+22	2,122457E+22	2,301054E+22	2,301008E+22	2,122366E+22	1,798443E+22	1,399303E+22	1,031912E+22	8,114209E+21	8,114304E+21	1,031928E+22	1,399296E+22
-1079	1,798402E+22	2,122297E+22	2,300939E+22	2,301001E+22	2,122417E+22	1,798506E+22	1,399373E+22	1,031985E+22	8,114821E+21	8,114673E+21	1,031943E+22	1,399311E+22
-1078	1,798457E+22	2,122400E+22	2,301012E+22	2,301018E+22	2,122405E+22	1,798474E+22	1,399329E+22	1,031957E+22	8,114873E+21	8,115062E+21	1,032009E+22	1,399382E+22
-1077	1,798475E+22	2,122341E+22	2,300905E+22	2,300905E+22	2,122342E+22	1,798473E+22	1,399365E+22	1,031994E+22	8,115079E+21	8,115038E+21	1,031975E+22	1,399323E+22
-1076	1,798414E+22	2,122293E+22	2,300897E+22	2,300923E+22	2,122355E+22	1,798486E+22	1,399387E+22	1,032023E+22	8,115345E+21	8,115230E+21	1,031995E+22	1,399369E+22
-1075	1,798514E+22	2,122426E+22	2,300991E+22	2,300941E+22	2,122305E+22	1,798408E+22	1,399320E+22	1,031981E+22	8,115205E+21	8,115321E+21	1,032015E+22	1,399362E+22
-1074	1,798445E+22	2,122315E+22	2,300890E+22	2,300908E+22	2,122341E+22	1,798460E+22	1,399362E+22	1,032005E+22	8,115205E+21	8,115072E+21	1,031967E+22	1,399306E+22
-1073	1,798409E+22	2,122343E+22	2,300988E+22	2,301002E+22	2,122388E+22	1,798466E+22	1,399335E+22	1,031969E+22	8,114930E+21	8,114976E+21	1,031992E+22	1,399385E+22
-1072	1,798520E+22	2,122415E+22	2,300997E+22	2,300975E+22	2,122349E+22	1,798434E+22	1,399306E+22	1,031929E+22	8,114501E+21	8,114657E+21	1,031965E+22	1,399331E+22
-1071	1,798428E+22	2,122298E+22	2,300895E+22	2,300958E+22	2,122400E+22	1,798503E+22	1,399368E+22	1,031966E+22	8,114490E+21	8,114283E+21	1,031910E+22	1,399295E+22
-1070	1,798459E+22	2,122428E+22	2,301042E+22	2,301029E+22	2,122416E+22	1,798484E+22	1,399319E+22	1,031914E+22	8,114135E+21	8,114176E+21	1,031932E+22	1,399347E+22
-1069	1,798498E+22	2,122420E+22	2,301014E+22	2,300984E+22	2,122368E+22	1,798462E+22	1,399320E+22	1,031910E+22	8,113974E+21	8,113895E+21	1,031880E+22	1,399267E+22
-1068	1,798411E+22	2,122333E+22	2,300971E+22	2,301015E+22	2,122416E+22	1,798492E+22	1,399340E+22	1,031928E+22	8,114080E+21	8,113930E+21	1,031889E+22	1,399297E+22
-1067	1,798488E+22	2,122461E+22	2,301073E+22	2,301060E+22	2,122409E+22	1,798442E+22	1,399273E+22	1,031874E+22	8,113824E+21	8,113998E+21	1,031926E+22	1,399334E+22
-1066	1,798464E+22	2,122369E+22	2,300961E+22	2,300978E+22	2,122401E+22	1,798483E+22	1,399320E+22	1,031901E+22	8,113859E+21	8,113817E+21	1,031886E+22	1,399284E+22
-1065	1,798422E+22	2,122361E+22	2,301012E+22	2,301034E+22	2,122420E+22	1,798486E+22	1,399324E+22	1,031911E+22	8,113996E+21	8,113974E+21	1,031913E+22	1,399351E+22
-1064	1,798543E+22	2,122473E+22	2,301055E+22	2,301013E+22	2,122362E+22	1,798430E+22	1,399288E+22	1,031894E+22	8,114036E+21	8,114206E+21	1,031933E+22	1,399321E+22
-1063	1,798448E+22	2,122340E+22	2,300922E+22	2,300952E+22	2,122374E+22	1,798478E+22	1,399356E+22	1,031968E+22	8,114609E+21	8,114445E+21	1,031919E+22	1,399280E+22
-1062	1,798419E+22	2,122390E+22	2,301025E+22	2,301022E+22	2,122405E+22	1,798475E+22	1,399332E+22	1,031961E+22	8,114853E+21	8,114926E+21	1,031987E+22	1,399369E+22
-1061	1,798484E+22	2,122379E+22	2,300971E+22	2,300953E+22	2,122344E+22	1,798445E+22	1,399333E+22	1,031975E+22	8,115093E+21	8,115198E+21	1,031993E+22	1,399329E+22
-1060	1,798400E+22	2,122246E+22	2,300837E+22	2,300895E+22	2,122350E+22	1,798485E+22	1,399394E+22	1,032040E+22	8,115600E+21	8,115490E+21	1,032008E+22	1,399349E+22
-1059	1,798459E+22	2,122367E+22	2,300944E+22	2,300931E+22	2,122329E+22	1,798436E+22	1,399346E+22	1,032018E+22	8,115656E+21	8,115774E+21	1,032057E+22	1,399403E+22
-1058	1,798469E+22	2,122311E+22	2,300851E+22	2,300835E+22	2,122277E+22	1,798439E+22	1,399380E+22	1,032052E+22	8,115868E+21	8,115788E+21	1,032024E+22	1,399333E+22
-1057	1,798388E+22	2,122260E+22	2,300874E+22	2,300892E+22	2,122309E+22	1,798448E+22	1,399387E+22	1,032066E+22	8,116029E+21	8,115910E+21	1,032040E+22	1,399378E+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°
-1056	1,798489E+22	2,122388E+22	2,300959E+22	2,300924E+22	2,122294E+22	1,798399E+22	1,399326E+22	1,032014E+22	8,115766E+21	8,115979E+21	1,032068E+22	1,399380E+22
-1055	1,798421E+22	2,122263E+22	2,300823E+22	2,300851E+22	2,122311E+22	1,798458E+22	1,399383E+22	1,032049E+22	8,115808E+21	8,115700E+21	1,032017E+22	1,399328E+22
-1054	1,798392E+22	2,122299E+22	2,300926E+22	2,300945E+22	2,122365E+22	1,798475E+22	1,399366E+22	1,032018E+22	8,115518E+21	8,115515E+21	1,032027E+22	1,399396E+22
-1053	1,798505E+22	2,122372E+22	2,300938E+22	2,300926E+22	2,122325E+22	1,798435E+22	1,399336E+22	1,031985E+22	8,115169E+21	8,115224E+21	1,031993E+22	1,399336E+22
-1052	1,798425E+22	2,122277E+22	2,300839E+22	2,300878E+22	2,122338E+22	1,798476E+22	1,399383E+22	1,032016E+22	8,115179E+21	8,114951E+21	1,031954E+22	1,399305E+22
-1051	1,798435E+22	2,122394E+22	2,301008E+22	2,300984E+22	2,122360E+22	1,798441E+22	1,399325E+22	1,031966E+22	8,114864E+21	8,114879E+21	1,031980E+22	1,399358E+22
-1050	1,798465E+22	2,122361E+22	2,300955E+22	2,300940E+22	2,122337E+22	1,798441E+22	1,399327E+22	1,031956E+22	8,114690E+21	8,114675E+21	1,031943E+22	1,399294E+22
-1049	1,798386E+22	2,122279E+22	2,300920E+22	2,300970E+22	2,122381E+22	1,798472E+22	1,399344E+22	1,031962E+22	8,114663E+21	8,114584E+21	1,031944E+22	1,399332E+22
-1048	1,798490E+22	2,122425E+22	2,301016E+22	2,301005E+22	2,122376E+22	1,798434E+22	1,399289E+22	1,031910E+22	8,114363E+21	8,114616E+21	1,031977E+22	1,399361E+22
-1047	1,798465E+22	2,122341E+22	2,300895E+22	2,300897E+22	2,122343E+22	1,798466E+22	1,399345E+22	1,031958E+22	8,114584E+21	8,114499E+21	1,031932E+22	1,399299E+22
-1046	1,798412E+22	2,122339E+22	2,300971E+22	2,300976E+22	2,122378E+22	1,798475E+22	1,399348E+22	1,031972E+22	8,114808E+21	8,114711E+21	1,031955E+22	1,399352E+22
-1045	1,798509E+22	2,122422E+22	2,301009E+22	2,300982E+22	2,122341E+22	1,798421E+22	1,399312E+22	1,031960E+22	8,114937E+21	8,115052E+21	1,031983E+22	1,399330E+22
-1044	1,798423E+22	2,122287E+22	2,300851E+22	2,300885E+22	2,122333E+22	1,798461E+22	1,399373E+22	1,032025E+22	8,115469E+21	8,115359E+21	1,031990E+22	1,399311E+22
-1043	1,798394E+22	2,122327E+22	2,300954E+22	2,300954E+22	2,122353E+22	1,798453E+22	1,399355E+22	1,032023E+22	8,115676E+21	8,115744E+21	1,032049E+22	1,399397E+22
-1042	1,798464E+22	2,122313E+22	2,300882E+22	2,300873E+22	2,122294E+22	1,798434E+22	1,399364E+22	1,032040E+22	8,115923E+21	8,116020E+21	1,032055E+22	1,399358E+22
-1041	1,798389E+22	2,122209E+22	2,300782E+22	2,300823E+22	2,122289E+22	1,798456E+22	1,399408E+22	1,032094E+22	8,116351E+21	8,116209E+21	1,032057E+22	1,399369E+22
-1040	1,798455E+22	2,122344E+22	2,300902E+22	2,300871E+22	2,122275E+22	1,798410E+22	1,399359E+22	1,032066E+22	8,116373E+21	8,116529E+21	1,032109E+22	1,399414E+22
-1039	1,798448E+22	2,122272E+22	2,300801E+22	2,300777E+22	2,122223E+22	1,798409E+22	1,399392E+22	1,032106E+22	8,116668E+21	8,116598E+21	1,032082E+22	1,399350E+22
-1038	1,798362E+22	2,122212E+22	2,300823E+22	2,300854E+22	2,122290E+22	1,798439E+22	1,399397E+22	1,032112E+22	8,116741E+21	8,116638E+21	1,032093E+22	1,399396E+22
-1037	1,798463E+22	2,122326E+22	2,300895E+22	2,300885E+22	2,122285E+22	1,798406E+22	1,399350E+22	1,032061E+22	8,116417E+21	8,116617E+21	1,032112E+22	1,399403E+22
-1036	1,798423E+22	2,122226E+22	2,300751E+22	2,300771E+22	2,122261E+22	1,798446E+22	1,399403E+22	1,032093E+22	8,116395E+21	8,116292E+21	1,032061E+22	1,399349E+22
-1035	1,798387E+22	2,122270E+22	2,300880E+22	2,300881E+22	2,122306E+22	1,798448E+22	1,399386E+22	1,032072E+22	8,116150E+21	8,116055E+21	1,032056E+22	1,399397E+22
-1034	1,798483E+22	2,122335E+22	2,300895E+22	2,300875E+22	2,122281E+22	1,798416E+22	1,399354E+22	1,032037E+22	8,115869E+21	8,115894E+21	1,032034E+22	1,399337E+22
-1033	1,798391E+22	2,122238E+22	2,300814E+22	2,300845E+22	2,122299E+22	1,798447E+22	1,399383E+22	1,032054E+22	8,115802E+21	8,115605E+21	1,032001E+22	1,399318E+22
-1032	1,798413E+22	2,122346E+22	2,300961E+22	2,300949E+22	2,122343E+22	1,798433E+22	1,399331E+22	1,031995E+22	8,115416E+21	8,115556E+21	1,032037E+22	1,399384E+22
-1031	1,798450E+22	2,122307E+22	2,300882E+22	2,300871E+22	2,122295E+22	1,798431E+22	1,399346E+22	1,032000E+22	8,115318E+21	8,115350E+21	1,032000E+22	1,399329E+22
-1030	1,798385E+22	2,122238E+22	2,300856E+22	2,300908E+22	2,122349E+22	1,798468E+22	1,399366E+22	1,032012E+22	8,115305E+21	8,115194E+21	1,031987E+22	1,399353E+22
-1029	1,798487E+22	2,122394E+22	2,300965E+22	2,300951E+22	2,122343E+22	1,798429E+22	1,399318E+22	1,031969E+22	8,115107E+21	8,115271E+21	1,032014E+22	1,399374E+22
-1028	1,798468E+22	2,122324E+22	2,300848E+22	2,300820E+22	2,122275E+22	1,798435E+22	1,399360E+22	1,032014E+22	8,115381E+21	8,115292E+21	1,031984E+22	1,399311E+22
-1027	1,798385E+22	2,122298E+22	2,300934E+22	2,300932E+22	2,122326E+22	1,798440E+22	1,399363E+22	1,032035E+22	8,115667E+21	8,115544E+21	1,032009E+22	1,399361E+22
-1026	1,798470E+22	2,122352E+22	2,300940E+22	2,300931E+22	2,122314E+22	1,798411E+22	1,399330E+22	1,032018E+22	8,115809E+21	8,115968E+21	1,032053E+22	1,399355E+22
-1025	1,798392E+22	2,122221E+22	2,300783E+22	2,300817E+22	2,122287E+22	1,798445E+22	1,399389E+22	1,032076E+22	8,116224E+21	8,116154E+21	1,032053E+22	1,399345E+22
-1024	1,798389E+22	2,122275E+22	2,300877E+22	2,300878E+22	2,122307E+22	1,798442E+22	1,399379E+22	1,032074E+22	8,116398E+21	8,116513E+21	1,032107E+22	1,399421E+22
-1023	1,798458E+22	2,122272E+22	2,300807E+22	2,300778E+22	2,122219E+22	1,798406E+22	1,399389E+22	1,032107E+22	8,116779E+21	8,116827E+21	1,032109E+22	1,399376E+22
-1022	1,798375E+22	2,122176E+22	2,300735E+22	2,300764E+22	2,122238E+22	1,798431E+22	1,399424E+22	1,032154E+22	8,117194E+21	8,117007E+21	1,032106E+22	1,399375E+22
-1021	1,798425E+22	2,122295E+22	2,300859E+22	2,300839E+22	2,122252E+22	1,798396E+22	1,399375E+22	1,032122E+22	8,117194E+21	8,117330E+21	1,032161E+22	1,399429E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798432E+22	2,122226E+22	2,300741E+22	2,300716E+22	2,122184E+22	1,798393E+22	1,399402E+22	1,032149E+22	8,117374E+21	8,117378E+21	1,032145E+22	1,399379E+22
-1019	1,798347E+22	2,122163E+22	2,300769E+22	2,300803E+22	2,122251E+22	1,798425E+22	1,399419E+22	1,032162E+22	8,117377E+21	8,117265E+21	1,032139E+22	1,399415E+22
-1018	1,798450E+22	2,122274E+22	2,300825E+22	2,300826E+22	2,122256E+22	1,798406E+22	1,399378E+22	1,032114E+22	8,117074E+21	8,117243E+21	1,032155E+22	1,399417E+22
-1017	1,798408E+22	2,122197E+22	2,300714E+22	2,300713E+22	2,122213E+22	1,798428E+22	1,399420E+22	1,032139E+22	8,116995E+21	8,116855E+21	1,032097E+22	1,399359E+22
-1016	1,798376E+22	2,122240E+22	2,300844E+22	2,300836E+22	2,122264E+22	1,798430E+22	1,399400E+22	1,032112E+22	8,116758E+21	8,116708E+21	1,032100E+22	1,399399E+22
-1015	1,798451E+22	2,122284E+22	2,300842E+22	2,300821E+22	2,122234E+22	1,798392E+22	1,399367E+22	1,032086E+22	8,116578E+21	8,116635E+21	1,032092E+22	1,399358E+22
-1014	1,798369E+22	2,122186E+22	2,300754E+22	2,300800E+22	2,122278E+22	1,798438E+22	1,399389E+22	1,032092E+22	8,116431E+21	8,116283E+21	1,032055E+22	1,399345E+22
-1013	1,798404E+22	2,122294E+22	2,300891E+22	2,300893E+22	2,122317E+22	1,798433E+22	1,399352E+22	1,032039E+22	8,116021E+21	8,116155E+21	1,032082E+22	1,399414E+22
-1012	1,798467E+22	2,122283E+22	2,300817E+22	2,300787E+22	2,122233E+22	1,798408E+22	1,399360E+22	1,032043E+22	8,115922E+21	8,115959E+21	1,032047E+22	1,399354E+22
-1011	1,798391E+22	2,122224E+22	2,300823E+22	2,300849E+22	2,122283E+22	1,798432E+22	1,399382E+22	1,032066E+22	8,115980E+21	8,115790E+21	1,032019E+22	1,399351E+22
-1010	1,798463E+22	2,122357E+22	2,300927E+22	2,300908E+22	2,122304E+22	1,798412E+22	1,399337E+22	1,032027E+22	8,115902E+21	8,116037E+21	1,032061E+22	1,399371E+22
-1009	1,798425E+22	2,122279E+22	2,300823E+22	2,300790E+22	2,122243E+22	1,798414E+22	1,399369E+22	1,032062E+22	8,116131E+21	8,116078E+21	1,032041E+22	1,399325E+22
-1008	1,798354E+22	2,122233E+22	2,300871E+22	2,300887E+22	2,122305E+22	1,798440E+22	1,399383E+22	1,032081E+22	8,116401E+21	8,116384E+21	1,032074E+22	1,399380E+22
-1007	1,798439E+22	2,122279E+22	2,300850E+22	2,300850E+22	2,122266E+22	1,798407E+22	1,399364E+22	1,032082E+22	8,116645E+21	8,116821E+21	1,032120E+22	1,399389E+22
-1006	1,798383E+22	2,122166E+22	2,300698E+22	2,300738E+22	2,122242E+22	1,798435E+22	1,399416E+22	1,032140E+22	8,117065E+21	8,116949E+21	1,032107E+22	1,399367E+22
-1005	1,798383E+22	2,122232E+22	2,300806E+22	2,300802E+22	2,122254E+22	1,798429E+22	1,399409E+22	1,032143E+22	8,117284E+21	8,117316E+21	1,032157E+22	1,399440E+22
-1004	1,798457E+22	2,122245E+22	2,300752E+22	2,300698E+22	2,122141E+22	1,798364E+22	1,399400E+22	1,032165E+22	8,117648E+21	8,117721E+21	1,032175E+22	1,399398E+22
-1003	1,798356E+22	2,122135E+22	2,300695E+22	2,300720E+22	2,122183E+22	1,798391E+22	1,399431E+22	1,032209E+22	8,117998E+21	8,117832E+21	1,032166E+22	1,399393E+22
-1002	1,798397E+22	2,122234E+22	2,300795E+22	2,300794E+22	2,122229E+22	1,798391E+22	1,399391E+22	1,032170E+22	8,117941E+21	8,118142E+21	1,032226E+22	1,399456E+22
-1001	1,798412E+22	2,122181E+22	2,300691E+22	2,300662E+22	2,122147E+22	1,798384E+22	1,399417E+22	1,032188E+22	8,117951E+21	8,117997E+21	1,032194E+22	1,399406E+22
-1000	1,798348E+22	2,122127E+22	2,300710E+22	2,300745E+22	2,122216E+22	1,798423E+22	1,399442E+22	1,032203E+22	8,117946E+21	8,117848E+21	1,032176E+22	1,399420E+22
-999	1,798435E+22	2,122241E+22	2,300767E+22	2,300755E+22	2,122200E+22	1,798390E+22	1,399405E+22	1,032172E+22	8,117778E+21	8,117874E+21	1,032194E+22	1,399422E+22
-998	1,798386E+22	2,122158E+22	2,300669E+22	2,300672E+22	2,122178E+22	1,798410E+22	1,399434E+22	1,032189E+22	8,117696E+21	8,117509E+21	1,032136E+22	1,399361E+22
-997	1,798346E+22	2,122188E+22	2,300793E+22	2,300803E+22	2,122243E+22	1,798423E+22	1,399417E+22	1,032160E+22	8,117439E+21	8,117375E+21	1,032148E+22	1,399418E+22
-996	1,798439E+22	2,122239E+22	2,300776E+22	2,300753E+22	2,122183E+22	1,798370E+22	1,399374E+22	1,032123E+22	8,117179E+21	8,117318E+21	1,032152E+22	1,399391E+22
-995	1,798364E+22	2,122146E+22	2,300701E+22	2,300745E+22	2,122225E+22	1,798414E+22	1,399405E+22	1,032134E+22	8,116986E+21	8,116848E+21	1,032098E+22	1,399367E+22
-994	1,798401E+22	2,122260E+22	2,300834E+22	2,300837E+22	2,122279E+22	1,798423E+22	1,399370E+22	1,032086E+22	8,116654E+21	8,116770E+21	1,032123E+22	1,399425E+22
-993	1,798457E+22	2,122270E+22	2,300793E+22	2,300736E+22	2,122179E+22	1,798382E+22	1,399369E+22	1,032086E+22	8,116539E+21	8,116556E+21	1,032084E+22	1,399361E+22
-992	1,798376E+22	2,122197E+22	2,300794E+22	2,300817E+22	2,122248E+22	1,798415E+22	1,399395E+22	1,032111E+22	8,116684E+21	8,116534E+21	1,032067E+22	1,399348E+22
-991	1,798420E+22	2,122296E+22	2,300869E+22	2,300862E+22	2,122268E+22	1,798397E+22	1,399357E+22	1,032087E+22	8,116741E+21	8,116894E+21	1,032125E+22	1,399391E+22
-990	1,798392E+22	2,122204E+22	2,300743E+22	2,300741E+22	2,122223E+22	1,798414E+22	1,399391E+22	1,032117E+22	8,116937E+21	8,116915E+21	1,032105E+22	1,399353E+22
-989	1,798337E+22	2,122164E+22	2,300777E+22	2,300812E+22	2,122268E+22	1,798445E+22	1,399420E+22	1,032144E+22	8,117208E+21	8,117168E+21	1,032134E+22	1,399415E+22
-988	1,798444E+22	2,122237E+22	2,300762E+22	2,300743E+22	2,122183E+22	1,798377E+22	1,399387E+22	1,032144E+22	8,117475E+21	8,117651E+21	1,032184E+22	1,399420E+22
-987	1,798384E+22	2,122141E+22	2,300648E+22	2,300662E+22	2,122158E+22	1,798392E+22	1,399434E+22	1,032204E+22	8,117909E+21	8,117746E+21	1,032158E+22	1,399379E+22
-986	1,798365E+22	2,122195E+22	2,300757E+22	2,300751E+22	2,122203E+22	1,798399E+22	1,399422E+22	1,032203E+22	8,118169E+21	8,118208E+21	1,032218E+22	1,399450E+22
-985	1,798426E+22	2,122208E+22	2,300721E+22	2,300662E+22	2,122103E+22	1,798338E+22	1,399403E+22	1,032208E+22	8,118376E+21	8,118512E+21	1,032237E+22	1,399423E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798340E+22	2,122087E+22	2,300643E+22	2,300682E+22	2,122163E+22	1,798391E+22	1,399447E+22	1,032248E+22	8,118650E+21	8,118577E+21	1,032223E+22	1,399412E+22
-983	1,798373E+22	2,122175E+22	2,300721E+22	2,300730E+22	2,122192E+22	1,798393E+22	1,399427E+22	1,032229E+22	8,118654E+21	8,118831E+21	1,032278E+22	1,399480E+22
-982	1,798403E+22	2,122136E+22	2,300622E+22	2,300608E+22	2,122120E+22	1,798384E+22	1,399447E+22	1,032246E+22	8,118653E+21	8,118622E+21	1,032231E+22	1,399415E+22
-981	1,798336E+22	2,122091E+22	2,300648E+22	2,300682E+22	2,122174E+22	1,798418E+22	1,399475E+22	1,032265E+22	8,118684E+21	8,118483E+21	1,032213E+22	1,399426E+22
-980	1,798416E+22	2,122205E+22	2,300714E+22	2,300688E+22	2,122132E+22	1,798353E+22	1,399416E+22	1,032223E+22	8,118518E+21	8,118626E+21	1,032249E+22	1,399438E+22
-979	1,798362E+22	2,122114E+22	2,300625E+22	2,300630E+22	2,122124E+22	1,798370E+22	1,399437E+22	1,032233E+22	8,118354E+21	8,118201E+21	1,032189E+22	1,399380E+22
-978	1,798323E+22	2,122131E+22	2,300722E+22	2,300749E+22	2,122211E+22	1,798410E+22	1,399426E+22	1,032198E+22	8,118050E+21	8,118059E+21	1,032205E+22	1,399445E+22
-977	1,798430E+22	2,122210E+22	2,300731E+22	2,300697E+22	2,122137E+22	1,798349E+22	1,399380E+22	1,032152E+22	8,117644E+21	8,117831E+21	1,032196E+22	1,399421E+22
-976	1,798375E+22	2,122131E+22	2,300659E+22	2,300695E+22	2,122184E+22	1,798398E+22	1,399415E+22	1,032167E+22	8,117494E+21	8,117374E+21	1,032131E+22	1,399369E+22
-975	1,798385E+22	2,122235E+22	2,300793E+22	2,300784E+22	2,122230E+22	1,798406E+22	1,399394E+22	1,032140E+22	8,117339E+21	8,117397E+21	1,032161E+22	1,399427E+22
-974	1,798429E+22	2,122229E+22	2,300754E+22	2,300715E+22	2,122162E+22	1,798370E+22	1,399385E+22	1,032137E+22	8,117272E+21	8,117258E+21	1,032127E+22	1,399361E+22
-973	1,798339E+22	2,122136E+22	2,300730E+22	2,300781E+22	2,122235E+22	1,798421E+22	1,399424E+22	1,032169E+22	8,117465E+21	8,117294E+21	1,032123E+22	1,399367E+22
-972	1,798392E+22	2,122230E+22	2,300784E+22	2,300785E+22	2,122218E+22	1,798385E+22	1,399382E+22	1,032143E+22	8,117529E+21	8,117732E+21	1,032195E+22	1,399428E+22
-971	1,798381E+22	2,122148E+22	2,300664E+22	2,300665E+22	2,122158E+22	1,798391E+22	1,399420E+22	1,032181E+22	8,117724E+21	8,117691E+21	1,032164E+22	1,399382E+22
-970	1,798333E+22	2,122119E+22	2,300694E+22	2,300727E+22	2,122208E+22	1,798426E+22	1,399447E+22	1,032210E+22	8,118073E+21	8,118011E+21	1,032194E+22	1,399435E+22
-969	1,798435E+22	2,122221E+22	2,300722E+22	2,300669E+22	2,122108E+22	1,798338E+22	1,399397E+22	1,032198E+22	8,118269E+21	8,118452E+21	1,032241E+22	1,399441E+22
-968	1,798374E+22	2,122115E+22	2,300614E+22	2,300620E+22	2,122109E+22	1,798359E+22	1,399438E+22	1,032252E+22	8,118713E+21	8,118615E+21	1,032217E+22	1,399389E+22
-967	1,798332E+22	2,122141E+22	2,300701E+22	2,300705E+22	2,122166E+22	1,798381E+22	1,399437E+22	1,032260E+22	8,119012E+21	8,119084E+21	1,032286E+22	1,399478E+22
-966	1,798402E+22	2,122143E+22	2,300647E+22	2,300623E+22	2,122091E+22	1,798339E+22	1,399424E+22	1,032259E+22	8,119121E+21	8,119265E+21	1,032292E+22	1,399447E+22
-965	1,798328E+22	2,122034E+22	2,300564E+22	2,300622E+22	2,122138E+22	1,798401E+22	1,399488E+22	1,032311E+22	8,119377E+21	8,119231E+21	1,032270E+22	1,399434E+22
-964	1,798366E+22	2,122137E+22	2,300648E+22	2,300641E+22	2,122121E+22	1,798369E+22	1,399454E+22	1,032291E+22	8,119412E+21	8,119527E+21	1,032324E+22	1,399493E+22
-963	1,798387E+22	2,122102E+22	2,300576E+22	2,300546E+22	2,122050E+22	1,798350E+22	1,399469E+22	1,032306E+22	8,119408E+21	8,119311E+21	1,032272E+22	1,399415E+22
-962	1,798304E+22	2,122044E+22	2,300593E+22	2,300635E+22	2,122133E+22	1,798394E+22	1,399487E+22	1,032316E+22	8,119444E+21	8,119265E+21	1,032268E+22	1,399433E+22
-961	1,798381E+22	2,122164E+22	2,300671E+22	2,300642E+22	2,122093E+22	1,798326E+22	1,399412E+22	1,032253E+22	8,119090E+21	8,119285E+21	1,032306E+22	1,399468E+22
-960	1,798353E+22	2,122074E+22	2,300574E+22	2,300588E+22	2,122098E+22	1,798359E+22	1,399440E+22	1,032258E+22	8,118853E+21	8,118800E+21	1,032238E+22	1,399403E+22
-959	1,798313E+22	2,122090E+22	2,300661E+22	2,300691E+22	2,122171E+22	1,798399E+22	1,399446E+22	1,032242E+22	8,118615E+21	8,118610E+21	1,032248E+22	1,399471E+22
-958	1,798431E+22	2,122180E+22	2,300678E+22	2,300657E+22	2,122115E+22	1,798342E+22	1,399399E+22	1,032197E+22	8,118224E+21	8,118342E+21	1,032225E+22	1,399427E+22
-957	1,798366E+22	2,122110E+22	2,300619E+22	2,300652E+22	2,122153E+22	1,798396E+22	1,399446E+22	1,032223E+22	8,118164E+21	8,117953E+21	1,032166E+22	1,399373E+22
-956	1,798356E+22	2,122195E+22	2,300747E+22	2,300731E+22	2,122177E+22	1,798378E+22	1,399410E+22	1,032195E+22	8,118105E+21	8,118161E+21	1,032216E+22	1,399441E+22
-955	1,798397E+22	2,122174E+22	2,300699E+22	2,300671E+22	2,122121E+22	1,798350E+22	1,399403E+22	1,032191E+22	8,118030E+21	8,118046E+21	1,032186E+22	1,399382E+22
-954	1,798314E+22	2,122071E+22	2,300640E+22	2,300709E+22	2,122200E+22	1,798417E+22	1,399448E+22	1,032224E+22	8,118251E+21	8,118132E+21	1,032189E+22	1,399397E+22
-953	1,798379E+22	2,122191E+22	2,300713E+22	2,300703E+22	2,122156E+22	1,798360E+22	1,399398E+22	1,032192E+22	8,118223E+21	8,118447E+21	1,032253E+22	1,399465E+22
-952	1,798390E+22	2,122127E+22	2,300608E+22	2,300594E+22	2,122096E+22	1,798360E+22	1,399431E+22	1,032231E+22	8,118482E+21	8,118450E+21	1,032213E+22	1,399394E+22
-951	1,798315E+22	2,122088E+22	2,300645E+22	2,300661E+22	2,122141E+22	1,798392E+22	1,399466E+22	1,032275E+22	8,118948E+21	8,118846E+21	1,032251E+22	1,399451E+22
-950	1,798410E+22	2,122176E+22	2,300677E+22	2,300644E+22	2,122084E+22	1,798317E+22	1,399410E+22	1,032254E+22	8,119107E+21	8,119284E+21	1,032297E+22	1,399454E+22
-949	1,798346E+22	2,122064E+22	2,300555E+22	2,300580E+22	2,122093E+22	1,798363E+22	1,399466E+22	1,032310E+22	8,119510E+21	8,119405E+21	1,032278E+22	1,399413E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798305E+22	2,122077E+22	2,300622E+22	2,300634E+22	2,122121E+22	1,798371E+22	1,399465E+22	1,032319E+22	8,119808E+21	8,119895E+21	1,032349E+22	1,399510E+22
-947	1,798391E+22	2,122092E+22	2,300576E+22	2,300557E+22	2,122040E+22	1,798326E+22	1,399457E+22	1,032323E+22	8,119892E+21	8,119990E+21	1,032341E+22	1,399465E+22
-946	1,798314E+22	2,121988E+22	2,300482E+22	2,300541E+22	2,122088E+22	1,798391E+22	1,399518E+22	1,032376E+22	8,120209E+21	8,120013E+21	1,032320E+22	1,399441E+22
-945	1,798340E+22	2,122109E+22	2,300605E+22	2,300573E+22	2,122056E+22	1,798335E+22	1,399465E+22	1,032341E+22	8,120135E+21	8,120248E+21	1,032374E+22	1,399510E+22
-944	1,798368E+22	2,122065E+22	2,300535E+22	2,300504E+22	2,122004E+22	1,798314E+22	1,399466E+22	1,032346E+22	8,120107E+21	8,120072E+21	1,032326E+22	1,399427E+22
-943	1,798271E+22	2,121987E+22	2,300531E+22	2,300581E+22	2,122095E+22	1,798373E+22	1,399495E+22	1,032358E+22	8,120106E+21	8,119986E+21	1,032329E+22	1,399468E+22
-942	1,798370E+22	2,122110E+22	2,300603E+22	2,300599E+22	2,122076E+22	1,798321E+22	1,399423E+22	1,032287E+22	8,119617E+21	8,119844E+21	1,032350E+22	1,399496E+22
-941	1,798358E+22	2,122048E+22	2,300515E+22	2,300531E+22	2,122069E+22	1,798361E+22	1,399467E+22	1,032302E+22	8,119366E+21	8,119253E+21	1,032272E+22	1,399424E+22
-940	1,798315E+22	2,122072E+22	2,300613E+22	2,300621E+22	2,122112E+22	1,798373E+22	1,399463E+22	1,032291E+22	8,119234E+21	8,119160E+21	1,032282E+22	1,399479E+22
-939	1,798419E+22	2,122159E+22	2,300651E+22	2,300618E+22	2,122065E+22	1,798316E+22	1,399418E+22	1,032250E+22	8,118897E+21	8,118950E+21	1,032257E+22	1,399422E+22
-938	1,798332E+22	2,122066E+22	2,300572E+22	2,300616E+22	2,122130E+22	1,798385E+22	1,399464E+22	1,032277E+22	8,118930E+21	8,118728E+21	1,032218E+22	1,399376E+22
-937	1,798313E+22	2,122144E+22	2,300696E+22	2,300682E+22	2,122143E+22	1,798362E+22	1,399420E+22	1,032237E+22	8,118769E+21	8,118885E+21	1,032274E+22	1,399468E+22
-936	1,798378E+22	2,122122E+22	2,300634E+22	2,300615E+22	2,122087E+22	1,798339E+22	1,399418E+22	1,032235E+22	8,118725E+21	8,118795E+21	1,032243E+22	1,399408E+22
-935	1,798299E+22	2,122020E+22	2,300561E+22	2,300628E+22	2,122146E+22	1,798401E+22	1,399476E+22	1,032285E+22	8,119036E+21	8,118896E+21	1,032247E+22	1,399430E+22
-934	1,798378E+22	2,122150E+22	2,300644E+22	2,300638E+22	2,122111E+22	1,798341E+22	1,399418E+22	1,032251E+22	8,119018E+21	8,119186E+21	1,032299E+22	1,399480E+22
-933	1,798381E+22	2,122102E+22	2,300564E+22	2,300539E+22	2,122048E+22	1,798341E+22	1,399456E+22	1,032295E+22	8,119323E+21	8,119237E+21	1,032268E+22	1,399411E+22
-932	1,798289E+22	2,122043E+22	2,300594E+22	2,300604E+22	2,122083E+22	1,798352E+22	1,399473E+22	1,032333E+22	8,119839E+21	8,119760E+21	1,032318E+22	1,399475E+22
-931	1,798382E+22	2,122115E+22	2,300614E+22	2,300593E+22	2,122045E+22	1,798300E+22	1,399429E+22	1,032310E+22	8,119935E+21	8,120149E+21	1,032361E+22	1,399479E+22
-930	1,798323E+22	2,122000E+22	2,300469E+22	2,300510E+22	2,122061E+22	1,798365E+22	1,399498E+22	1,032370E+22	8,120335E+21	8,120263E+21	1,032343E+22	1,399439E+22
-929	1,798289E+22	2,122037E+22	2,300553E+22	2,300551E+22	2,122061E+22	1,798353E+22	1,399488E+22	1,032373E+22	8,120532E+21	8,120605E+21	1,032400E+22	1,399534E+22
-928	1,798388E+22	2,122064E+22	2,300522E+22	2,300488E+22	2,121986E+22	1,798302E+22	1,399472E+22	1,032377E+22	8,120669E+21	8,120728E+21	1,032384E+22	1,399468E+22
-927	1,798287E+22	2,121948E+22	2,300430E+22	2,300475E+22	2,122030E+22	1,798362E+22	1,399536E+22	1,032436E+22	8,121026E+21	8,120798E+21	1,032373E+22	1,399455E+22
-926	1,798311E+22	2,122049E+22	2,300549E+22	2,300542E+22	2,122034E+22	1,798316E+22	1,399473E+22	1,032386E+22	8,120840E+21	8,120959E+21	1,032424E+22	1,399525E+22
-925	1,798347E+22	2,122017E+22	2,300479E+22	2,300461E+22	2,121985E+22	1,798314E+22	1,399485E+22	1,032389E+22	8,120711E+21	8,120696E+21	1,032380E+22	1,399459E+22
-924	1,798259E+22	2,121938E+22	2,300467E+22	2,300515E+22	2,122044E+22	1,798353E+22	1,399509E+22	1,032401E+22	8,120703E+21	8,120600E+21	1,032379E+22	1,399500E+22
-923	1,798374E+22	2,122080E+22	2,300552E+22	2,300541E+22	2,122031E+22	1,798309E+22	1,399448E+22	1,032334E+22	8,120198E+21	8,120382E+21	1,032384E+22	1,399508E+22
-922	1,798354E+22	2,122028E+22	2,300468E+22	2,300471E+22	2,122030E+22	1,798354E+22	1,399491E+22	1,032353E+22	8,120036E+21	8,119879E+21	1,032307E+22	1,399421E+22
-921	1,798291E+22	2,122056E+22	2,300591E+22	2,300576E+22	2,122062E+22	1,798345E+22	1,399472E+22	1,032334E+22	8,119865E+21	8,119782E+21	1,032321E+22	1,399485E+22
-920	1,798393E+22	2,122122E+22	2,300620E+22	2,300593E+22	2,122041E+22	1,798292E+22	1,399417E+22	1,032290E+22	8,119593E+21	8,119676E+21	1,032305E+22	1,399429E+22
-919	1,798292E+22	2,121998E+22	2,300502E+22	2,300559E+22	2,122100E+22	1,798376E+22	1,399481E+22	1,032326E+22	8,119655E+21	8,119501E+21	1,032282E+22	1,399410E+22
-918	1,798296E+22	2,122072E+22	2,300615E+22	2,300628E+22	2,122120E+22	1,798360E+22	1,399442E+22	1,032285E+22	8,119428E+21	8,119558E+21	1,032326E+22	1,399497E+22
-917	1,798380E+22	2,122086E+22	2,300564E+22	2,300538E+22	2,122039E+22	1,798332E+22	1,399448E+22	1,032293E+22	8,119415E+21	8,119440E+21	1,032292E+22	1,399434E+22
-916	1,798293E+22	2,121989E+22	2,300503E+22	2,300542E+22	2,122066E+22	1,798361E+22	1,399490E+22	1,032345E+22	8,119855E+21	8,119674E+21	1,032299E+22	1,399448E+22
-915	1,798367E+22	2,122119E+22	2,300606E+22	2,300583E+22	2,122051E+22	1,798308E+22	1,399433E+22	1,032308E+22	8,119854E+21	8,120010E+21	1,032351E+22	1,399487E+22
-914	1,798353E+22	2,122052E+22	2,300508E+22	2,300490E+22	2,122017E+22	1,798326E+22	1,399470E+22	1,032351E+22	8,120195E+21	8,120154E+21	1,032333E+22	1,399425E+22
-913	1,798258E+22	2,121994E+22	2,300536E+22	2,300547E+22	2,122046E+22	1,798338E+22	1,399486E+22	1,032380E+22	8,120580E+21	8,120564E+21	1,032382E+22	1,399507E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798371E+22	2,122064E+22	2,300549E+22	2,300536E+22	2,122013E+22	1,798291E+22	1,399447E+22	1,032363E+22	8,120711E+21	8,120930E+21	1,032416E+22	1,399500E+22
-911	1,798305E+22	2,121946E+22	2,300392E+22	2,300429E+22	2,122011E+22	1,798357E+22	1,399533E+22	1,032439E+22	8,121178E+21	8,121056E+21	1,032399E+22	1,399463E+22
-910	1,798277E+22	2,121983E+22	2,300486E+22	2,300490E+22	2,122019E+22	1,798340E+22	1,399515E+22	1,032437E+22	8,121346E+21	8,121351E+21	1,032444E+22	1,399540E+22
-909	1,798367E+22	2,122028E+22	2,300474E+22	2,300430E+22	2,121937E+22	1,798285E+22	1,399498E+22	1,032440E+22	8,121471E+21	8,121499E+21	1,032439E+22	1,399484E+22
-908	1,798256E+22	2,121893E+22	2,300371E+22	2,300412E+22	2,121971E+22	1,798324E+22	1,399540E+22	1,032488E+22	8,121830E+21	8,121637E+21	1,032438E+22	1,399485E+22
-907	1,798296E+22	2,121994E+22	2,300484E+22	2,300481E+22	2,121992E+22	1,798301E+22	1,399486E+22	1,032429E+22	8,121512E+21	8,121679E+21	1,032480E+22	1,399553E+22
-906	1,798341E+22	2,121972E+22	2,300410E+22	2,300396E+22	2,121950E+22	1,798308E+22	1,399506E+22	1,032434E+22	8,121342E+21	8,121356E+21	1,032429E+22	1,399480E+22
-905	1,798261E+22	2,121923E+22	2,300425E+22	2,300451E+22	2,121989E+22	1,798328E+22	1,399519E+22	1,032439E+22	8,121233E+21	8,121114E+21	1,032414E+22	1,399515E+22
-904	1,798375E+22	2,122068E+22	2,300527E+22	2,300501E+22	2,121991E+22	1,798285E+22	1,399453E+22	1,032376E+22	8,120824E+21	8,120948E+21	1,032411E+22	1,399499E+22
-903	1,798322E+22	2,121993E+22	2,300440E+22	2,300435E+22	2,121997E+22	1,798338E+22	1,399508E+22	1,032404E+22	8,120729E+21	8,120558E+21	1,032352E+22	1,399427E+22
-902	1,798255E+22	2,121988E+22	2,300539E+22	2,300555E+22	2,122055E+22	1,798341E+22	1,399485E+22	1,032376E+22	8,120506E+21	8,120437E+21	1,032365E+22	1,399491E+22
-901	1,798362E+22	2,122063E+22	2,300558E+22	2,300546E+22	2,122025E+22	1,798303E+22	1,399445E+22	1,032337E+22	8,120209E+21	8,120323E+21	1,032362E+22	1,399459E+22
-900	1,798276E+22	2,121938E+22	2,300425E+22	2,300479E+22	2,122041E+22	1,798354E+22	1,399500E+22	1,032378E+22	8,120356E+21	8,120212E+21	1,032339E+22	1,399446E+22
-899	1,798301E+22	2,122029E+22	2,300540E+22	2,300542E+22	2,122058E+22	1,798343E+22	1,399468E+22	1,032341E+22	8,120157E+21	8,120253E+21	1,032372E+22	1,399515E+22
-898	1,798378E+22	2,122058E+22	2,300508E+22	2,300463E+22	2,121981E+22	1,798311E+22	1,399469E+22	1,032352E+22	8,120237E+21	8,120252E+21	1,032345E+22	1,399443E+22
-897	1,798278E+22	2,121969E+22	2,300472E+22	2,300486E+22	2,121999E+22	1,798317E+22	1,399491E+22	1,032392E+22	8,120618E+21	8,120474E+21	1,032357E+22	1,399466E+22
-896	1,798348E+22	2,122079E+22	2,300567E+22	2,300548E+22	2,122019E+22	1,798280E+22	1,399431E+22	1,032355E+22	8,120666E+21	8,120861E+21	1,032411E+22	1,399503E+22
-895	1,798322E+22	2,121989E+22	2,300441E+22	2,300431E+22	2,121987E+22	1,798322E+22	1,399493E+22	1,032407E+22	8,121003E+21	8,121011E+21	1,032401E+22	1,399459E+22
-894	1,798243E+22	2,121922E+22	2,300455E+22	2,300490E+22	2,122020E+22	1,798341E+22	1,399518E+22	1,032438E+22	8,121332E+21	8,121290E+21	1,032431E+22	1,399525E+22
-893	1,798363E+22	2,122025E+22	2,300482E+22	2,300464E+22	2,121968E+22	1,798291E+22	1,399488E+22	1,032432E+22	8,121497E+21	8,121644E+21	1,032466E+22	1,399517E+22
-892	1,798285E+22	2,121901E+22	2,300331E+22	2,300345E+22	2,121934E+22	1,798322E+22	1,399555E+22	1,032508E+22	8,122088E+21	8,121903E+21	1,032454E+22	1,399478E+22
-891	1,798255E+22	2,121933E+22	2,300430E+22	2,300427E+22	2,121962E+22	1,798315E+22	1,399536E+22	1,032498E+22	8,122215E+21	8,122210E+21	1,032500E+22	1,399548E+22
-890	1,798336E+22	2,121971E+22	2,300410E+22	2,300375E+22	2,121901E+22	1,798271E+22	1,399513E+22	1,032493E+22	8,122290E+21	8,122378E+21	1,032505E+22	1,399504E+22
-889	1,798236E+22	2,121850E+22	2,300314E+22	2,300352E+22	2,121924E+22	1,798301E+22	1,399545E+22	1,032524E+22	8,122446E+21	8,122336E+21	1,032498E+22	1,399521E+22
-888	1,798300E+22	2,121961E+22	2,300432E+22	2,300431E+22	2,121956E+22	1,798282E+22	1,399492E+22	1,032469E+22	8,122125E+21	8,122287E+21	1,032522E+22	1,399571E+22
-887	1,798336E+22	2,121941E+22	2,300357E+22	2,300336E+22	2,121909E+22	1,798299E+22	1,399528E+22	1,032483E+22	8,121974E+21	8,121949E+21	1,032470E+22	1,399496E+22
-886	1,798253E+22	2,121888E+22	2,300388E+22	2,300419E+22	2,121962E+22	1,798320E+22	1,399539E+22	1,032485E+22	8,121836E+21	8,121658E+21	1,032442E+22	1,399509E+22
-885	1,798351E+22	2,122039E+22	2,300500E+22	2,300471E+22	2,121963E+22	1,798277E+22	1,399475E+22	1,032425E+22	8,121439E+21	8,121554E+21	1,032455E+22	1,399504E+22
-884	1,798281E+22	2,121928E+22	2,300382E+22	2,300385E+22	2,121954E+22	1,798315E+22	1,399517E+22	1,032450E+22	8,121431E+21	8,121295E+21	1,032410E+22	1,399453E+22
-883	1,798236E+22	2,121921E+22	2,300458E+22	2,300487E+22	2,122019E+22	1,798341E+22	1,399507E+22	1,032420E+22	8,121148E+21	8,121132E+21	1,032419E+22	1,399516E+22
-882	1,798353E+22	2,122011E+22	2,300476E+22	2,300464E+22	2,121976E+22	1,798296E+22	1,399472E+22	1,032389E+22	8,120890E+21	8,121023E+21	1,032414E+22	1,399481E+22
-881	1,798282E+22	2,121922E+22	2,300370E+22	2,300397E+22	2,121966E+22	1,798318E+22	1,399507E+22	1,032422E+22	8,120992E+21	8,120843E+21	1,032384E+22	1,399468E+22
-880	1,798307E+22	2,122020E+22	2,300510E+22	2,300490E+22	2,121997E+22	1,798300E+22	1,399467E+22	1,032389E+22	8,120909E+21	8,120958E+21	1,032413E+22	1,399516E+22
-879	1,798352E+22	2,122022E+22	2,300473E+22	2,300424E+22	2,121939E+22	1,798285E+22	1,399480E+22	1,032405E+22	8,121028E+21	8,121062E+21	1,032404E+22	1,399459E+22
-878	1,798248E+22	2,121905E+22	2,300423E+22	2,300465E+22	2,121987E+22	1,798312E+22	1,399506E+22	1,032440E+22	8,121342E+21	8,121228E+21	1,032410E+22	1,399478E+22
-877	1,798320E+22	2,122024E+22	2,300507E+22	2,300501E+22	2,122000E+22	1,798293E+22	1,399468E+22	1,032412E+22	8,121388E+21	8,121610E+21	1,032473E+22	1,399529E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798298E+22	2,121924E+22	2,300361E+22	2,300355E+22	2,121933E+22	1,798311E+22	1,399527E+22	1,032475E+22	8,121872E+21	8,121850E+21	1,032463E+22	1,399489E+22
-875	1,798239E+22	2,121870E+22	2,300368E+22	2,300400E+22	2,121965E+22	1,798337E+22	1,399557E+22	1,032510E+22	8,122235E+21	8,122135E+21	1,032484E+22	1,399534E+22
-874	1,798342E+22	2,121982E+22	2,300416E+22	2,300385E+22	2,121907E+22	1,798274E+22	1,399519E+22	1,032505E+22	8,122469E+21	8,122584E+21	1,032527E+22	1,399527E+22
-873	1,798263E+22	2,121864E+22	2,300281E+22	2,300281E+22	2,121862E+22	1,798275E+22	1,399558E+22	1,032562E+22	8,122934E+21	8,122797E+21	1,032522E+22	1,399505E+22
-872	1,798238E+22	2,121883E+22	2,300371E+22	2,300378E+22	2,121918E+22	1,798280E+22	1,399531E+22	1,032543E+22	8,123014E+21	8,123056E+21	1,032565E+22	1,399574E+22
-871	1,798317E+22	2,121915E+22	2,300340E+22	2,300314E+22	2,121865E+22	1,798261E+22	1,399529E+22	1,032538E+22	8,122971E+21	8,123132E+21	1,032571E+22	1,399545E+22
-870	1,798237E+22	2,121802E+22	2,300251E+22	2,300303E+22	2,121891E+22	1,798294E+22	1,399564E+22	1,032564E+22	8,122991E+21	8,122872E+21	1,032535E+22	1,399536E+22
-869	1,798301E+22	2,121946E+22	2,300392E+22	2,300378E+22	2,121919E+22	1,798280E+22	1,399522E+22	1,032518E+22	8,122680E+21	8,122794E+21	1,032556E+22	1,399577E+22
-868	1,798315E+22	2,121910E+22	2,300322E+22	2,300288E+22	2,121854E+22	1,798272E+22	1,399543E+22	1,032535E+22	8,122664E+21	8,122578E+21	1,032507E+22	1,399499E+22
-867	1,798228E+22	2,121841E+22	2,300336E+22	2,300374E+22	2,121930E+22	1,798312E+22	1,399558E+22	1,032533E+22	8,122516E+21	8,122325E+21	1,032483E+22	1,399504E+22
-866	1,798309E+22	2,121978E+22	2,300437E+22	2,300427E+22	2,121943E+22	1,798278E+22	1,399498E+22	1,032474E+22	8,122126E+21	8,122274E+21	1,032508E+22	1,399518E+22
-865	1,798260E+22	2,121881E+22	2,300317E+22	2,300321E+22	2,121902E+22	1,798293E+22	1,399527E+22	1,032488E+22	8,122003E+21	8,121929E+21	1,032465E+22	1,399487E+22
-864	1,798239E+22	2,121885E+22	2,300393E+22	2,300422E+22	2,121968E+22	1,798315E+22	1,399516E+22	1,032465E+22	8,121790E+21	8,121747E+21	1,032463E+22	1,399534E+22
-863	1,798349E+22	2,121983E+22	2,300418E+22	2,300393E+22	2,121921E+22	1,798277E+22	1,399491E+22	1,032440E+22	8,121580E+21	8,121700E+21	1,032463E+22	1,399502E+22
-862	1,798275E+22	2,121892E+22	2,300336E+22	2,300360E+22	2,121921E+22	1,798293E+22	1,399518E+22	1,032468E+22	8,121661E+21	8,121493E+21	1,032424E+22	1,399470E+22
-861	1,798287E+22	2,121994E+22	2,300484E+22	2,300463E+22	2,121966E+22	1,798284E+22	1,399483E+22	1,032439E+22	8,121611E+21	8,121695E+21	1,032470E+22	1,399531E+22
-860	1,798315E+22	2,121958E+22	2,300413E+22	2,300379E+22	2,121902E+22	1,798265E+22	1,399492E+22	1,032458E+22	8,121838E+21	8,121912E+21	1,032470E+22	1,399490E+22
-859	1,798231E+22	2,121839E+22	2,300337E+22	2,300394E+22	2,121956E+22	1,798322E+22	1,399541E+22	1,032498E+22	8,122136E+21	8,122043E+21	1,032470E+22	1,399499E+22
-858	1,798302E+22	2,121968E+22	2,300423E+22	2,300420E+22	2,121953E+22	1,798294E+22	1,399510E+22	1,032484E+22	8,122262E+21	8,122447E+21	1,032529E+22	1,399547E+22
-857	1,798290E+22	2,121891E+22	2,300293E+22	2,300269E+22	2,121855E+22	1,798277E+22	1,399547E+22	1,032539E+22	8,122730E+21	8,122680E+21	1,032520E+22	1,399511E+22
-856	1,798231E+22	2,121839E+22	2,300315E+22	2,300336E+22	2,121899E+22	1,798295E+22	1,399565E+22	1,032573E+22	8,123162E+21	8,123016E+21	1,032541E+22	1,399542E+22
-855	1,798309E+22	2,121927E+22	2,300354E+22	2,300327E+22	2,121858E+22	1,798247E+22	1,399532E+22	1,032563E+22	8,123341E+21	8,123501E+21	1,032598E+22	1,399554E+22
-854	1,798236E+22	2,121800E+22	2,300221E+22	2,300244E+22	2,121834E+22	1,798260E+22	1,399567E+22	1,032604E+22	8,123628E+21	8,123544E+21	1,032581E+22	1,399531E+22
-853	1,798227E+22	2,121844E+22	2,300316E+22	2,300327E+22	2,121885E+22	1,798276E+22	1,399555E+22	1,032589E+22	8,123613E+21	8,123705E+21	1,032622E+22	1,399604E+22
-852	1,798305E+22	2,121867E+22	2,300272E+22	2,300248E+22	2,121812E+22	1,798242E+22	1,399551E+22	1,032591E+22	8,123659E+21	8,123781E+21	1,032618E+22	1,399570E+22
-851	1,798240E+22	2,121774E+22	2,300190E+22	2,300234E+22	2,121850E+22	1,798294E+22	1,399595E+22	1,032619E+22	8,123677E+21	8,123491E+21	1,032569E+22	1,399533E+22
-850	1,798276E+22	2,121917E+22	2,300351E+22	2,300326E+22	2,121875E+22	1,798270E+22	1,399551E+22	1,032578E+22	8,123434E+21	8,123488E+21	1,032594E+22	1,399572E+22
-849	1,798285E+22	2,121873E+22	2,300282E+22	2,300246E+22	2,121806E+22	1,798237E+22	1,399547E+22	1,032578E+22	8,123335E+21	8,123280E+21	1,032559E+22	1,399515E+22
-848	1,798205E+22	2,121790E+22	2,300274E+22	2,300330E+22	2,121898E+22	1,798287E+22	1,399558E+22	1,032573E+22	8,123183E+21	8,123012E+21	1,032535E+22	1,399523E+22
-847	1,798283E+22	2,121917E+22	2,300358E+22	2,300362E+22	2,121906E+22	1,798270E+22	1,399517E+22	1,032516E+22	8,122734E+21	8,122930E+21	1,032565E+22	1,399554E+22
-846	1,798258E+22	2,121838E+22	2,300257E+22	2,300268E+22	2,121859E+22	1,798276E+22	1,399542E+22	1,032528E+22	8,122538E+21	8,122447E+21	1,032502E+22	1,399504E+22
-845	1,798242E+22	2,121877E+22	2,300358E+22	2,300368E+22	2,121916E+22	1,798295E+22	1,399536E+22	1,032512E+22	8,122379E+21	8,122322E+21	1,032505E+22	1,399544E+22
-844	1,798328E+22	2,121953E+22	2,300382E+22	2,300347E+22	2,121865E+22	1,798243E+22	1,399501E+22	1,032492E+22	8,122331E+21	8,122428E+21	1,032512E+22	1,399516E+22
-843	1,798255E+22	2,121851E+22	2,300284E+22	2,300317E+22	2,121898E+22	1,798288E+22	1,399536E+22	1,032517E+22	8,122409E+21	8,122264E+21	1,032476E+22	1,399475E+22
-842	1,798248E+22	2,121935E+22	2,300421E+22	2,300418E+22	2,121948E+22	1,798291E+22	1,399513E+22	1,032497E+22	8,122406E+21	8,122507E+21	1,032528E+22	1,399551E+22
-841	1,798297E+22	2,121906E+22	2,300342E+22	2,300316E+22	2,121855E+22	1,798250E+22	1,399514E+22	1,032511E+22	8,122588E+21	8,122691E+21	1,032533E+22	1,399525E+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°
-840	1,798230E+22	2,121795E+22	2,300255E+22	2,300319E+22	2,121904E+22	1,798300E+22	1,399565E+22	1,032564E+22	8,122995E+21	8,122836E+21	1,032524E+22	1,399517E+22
-839	1,798283E+22	2,121923E+22	2,300350E+22	2,300340E+22	2,121895E+22	1,798279E+22	1,399542E+22	1,032554E+22	8,123166E+21	8,123319E+21	1,032592E+22	1,399570E+22
-838	1,798271E+22	2,121847E+22	2,300244E+22	2,300216E+22	2,121793E+22	1,798243E+22	1,399563E+22	1,032599E+22	8,123571E+21	8,123507E+21	1,032576E+22	1,399522E+22
-837	1,798205E+22	2,121799E+22	2,300266E+22	2,300287E+22	2,121852E+22	1,798269E+22	1,399579E+22	1,032627E+22	8,123956E+21	8,123881E+21	1,032612E+22	1,399568E+22
-836	1,798276E+22	2,121861E+22	2,300280E+22	2,300264E+22	2,121811E+22	1,798221E+22	1,399541E+22	1,032614E+22	8,124146E+21	8,124362E+21	1,032668E+22	1,399595E+22
-835	1,798234E+22	2,121749E+22	2,300134E+22	2,300165E+22	2,121796E+22	1,798262E+22	1,399592E+22	1,032653E+22	8,124326E+21	8,124260E+21	1,032633E+22	1,399553E+22
-834	1,798220E+22	2,121809E+22	2,300252E+22	2,300259E+22	2,121841E+22	1,798271E+22	1,399589E+22	1,032650E+22	8,124347E+21	8,124365E+21	1,032662E+22	1,399617E+22
-833	1,798303E+22	2,121850E+22	2,300230E+22	2,300188E+22	2,121750E+22	1,798209E+22	1,399563E+22	1,032643E+22	8,124352E+21	8,124421E+21	1,032656E+22	1,399577E+22
-832	1,798224E+22	2,121749E+22	2,300156E+22	2,300196E+22	2,121806E+22	1,798260E+22	1,399603E+22	1,032672E+22	8,124424E+21	8,124173E+21	1,032608E+22	1,399526E+22
-831	1,798228E+22	2,121859E+22	2,300300E+22	2,300290E+22	2,121851E+22	1,798260E+22	1,399567E+22	1,032626E+22	8,124133E+21	8,124219E+21	1,032650E+22	1,399588E+22
-830	1,798247E+22	2,121807E+22	2,300225E+22	2,300212E+22	2,121785E+22	1,798231E+22	1,399560E+22	1,032615E+22	8,123893E+21	8,123880E+21	1,032606E+22	1,399536E+22
-829	1,798192E+22	2,121749E+22	2,300213E+22	2,300275E+22	2,121867E+22	1,798283E+22	1,399581E+22	1,032614E+22	8,123703E+21	8,123590E+21	1,032588E+22	1,399552E+22
-828	1,798273E+22	2,121871E+22	2,300286E+22	2,300290E+22	2,121852E+22	1,798248E+22	1,399533E+22	1,032566E+22	8,123384E+21	8,123549E+21	1,032612E+22	1,399584E+22
-827	1,798266E+22	2,121818E+22	2,300198E+22	2,300195E+22	2,121813E+22	1,798267E+22	1,399562E+22	1,032577E+22	8,123205E+21	8,123080E+21	1,032541E+22	1,399509E+22
-826	1,798224E+22	2,121854E+22	2,300328E+22	2,300324E+22	2,121871E+22	1,798273E+22	1,399556E+22	1,032569E+22	8,123135E+21	8,123045E+21	1,032550E+22	1,399552E+22
-825	1,798306E+22	2,121916E+22	2,300341E+22	2,300310E+22	2,121822E+22	1,798208E+22	1,399501E+22	1,032535E+22	8,123042E+21	8,123191E+21	1,032571E+22	1,399542E+22
-824	1,798239E+22	2,121805E+22	2,300222E+22	2,300271E+22	2,121868E+22	1,798269E+22	1,399546E+22	1,032566E+22	8,123152E+21	8,123029E+21	1,032534E+22	1,399498E+22
-823	1,798223E+22	2,121873E+22	2,300338E+22	2,300345E+22	2,121909E+22	1,798291E+22	1,399545E+22	1,032554E+22	8,123156E+21	8,123271E+21	1,032588E+22	1,399581E+22
-822	1,798285E+22	2,121858E+22	2,300276E+22	2,300251E+22	2,121806E+22	1,798235E+22	1,399541E+22	1,032570E+22	8,123329E+21	8,123377E+21	1,032578E+22	1,399540E+22
-821	1,798223E+22	2,121774E+22	2,300206E+22	2,300250E+22	2,121844E+22	1,798276E+22	1,399590E+22	1,032627E+22	8,123800E+21	8,123623E+21	1,032579E+22	1,399528E+22
-820	1,798247E+22	2,121866E+22	2,300287E+22	2,300275E+22	2,121830E+22	1,798240E+22	1,399556E+22	1,032620E+22	8,124098E+21	8,124231E+21	1,032655E+22	1,399592E+22
-819	1,798247E+22	2,121790E+22	2,300171E+22	2,300153E+22	2,121759E+22	1,798233E+22	1,399579E+22	1,032655E+22	8,124430E+21	8,124402E+21	1,032640E+22	1,399540E+22
-818	1,798174E+22	2,121741E+22	2,300199E+22	2,300226E+22	2,121814E+22	1,798261E+22	1,399605E+22	1,032687E+22	8,124785E+21	8,124724E+21	1,032674E+22	1,399597E+22
-817	1,798268E+22	2,121815E+22	2,300210E+22	2,300196E+22	2,121756E+22	1,798197E+22	1,399557E+22	1,032665E+22	8,124878E+21	8,125114E+21	1,032727E+22	1,399630E+22
-816	1,798241E+22	2,121722E+22	2,300074E+22	2,300100E+22	2,121748E+22	1,798238E+22	1,399610E+22	1,032712E+22	8,125094E+21	8,124957E+21	1,032677E+22	1,399563E+22
-815	1,798201E+22	2,121773E+22	2,300200E+22	2,300198E+22	2,121796E+22	1,798260E+22	1,399617E+22	1,032711E+22	8,125126E+21	8,125096E+21	1,032708E+22	1,399624E+22
-814	1,798273E+22	2,121808E+22	2,300199E+22	2,300159E+22	2,121715E+22	1,798186E+22	1,399577E+22	1,032692E+22	8,125047E+21	8,125094E+21	1,032699E+22	1,399580E+22
-813	1,798192E+22	2,121705E+22	2,300112E+22	2,300160E+22	2,121781E+22	1,798246E+22	1,399615E+22	1,032715E+22	8,125067E+21	8,124896E+21	1,032668E+22	1,399546E+22
-812	1,798188E+22	2,121781E+22	2,300220E+22	2,300228E+22	2,121816E+22	1,798248E+22	1,399581E+22	1,032670E+22	8,124794E+21	8,124928E+21	1,032710E+22	1,399626E+22
-811	1,798246E+22	2,121757E+22	2,300138E+22	2,300129E+22	2,121749E+22	1,798234E+22	1,399583E+22	1,032658E+22	8,124481E+21	8,124483E+21	1,032651E+22	1,399559E+22
-810	1,798191E+22	2,121724E+22	2,300158E+22	2,300202E+22	2,121813E+22	1,798269E+22	1,399607E+22	1,032668E+22	8,124354E+21	8,124172E+21	1,032623E+22	1,399570E+22
-809	1,798280E+22	2,121860E+22	2,300251E+22	2,300230E+22	2,121786E+22	1,798206E+22	1,399536E+22	1,032609E+22	8,124029E+21	8,124169E+21	1,032651E+22	1,399598E+22
-808	1,798262E+22	2,121802E+22	2,300171E+22	2,300159E+22	2,121770E+22	1,798228E+22	1,399563E+22	1,032622E+22	8,123897E+21	8,123745E+21	1,032582E+22	1,399511E+22
-807	1,798188E+22	2,121805E+22	2,300283E+22	2,300292E+22	2,121854E+22	1,798266E+22	1,399570E+22	1,032614E+22	8,123819E+21	8,123767E+21	1,032604E+22	1,399570E+22
-806	1,798275E+22	2,121859E+22	2,300294E+22	2,300277E+22	2,121803E+22	1,798203E+22	1,399518E+22	1,032577E+22	8,123645E+21	8,123816E+21	1,032618E+22	1,399560E+22
-805	1,798223E+22	2,121761E+22	2,300162E+22	2,300212E+22	2,121835E+22	1,798268E+22	1,399577E+22	1,032619E+22	8,123822E+21	8,123729E+21	1,032590E+22	1,399520E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798199E+22	2,121811E+22	2,300256E+22	2,300265E+22	2,121856E+22	1,798276E+22	1,399575E+22	1,032622E+22	8,124010E+21	8,124066E+21	1,032641E+22	1,399603E+22
-803	1,798277E+22	2,121820E+22	2,300200E+22	2,300162E+22	2,121753E+22	1,798225E+22	1,399570E+22	1,032638E+22	8,124230E+21	8,124235E+21	1,032631E+22	1,399546E+22
-802	1,798192E+22	2,121731E+22	2,300156E+22	2,300186E+22	2,121785E+22	1,798248E+22	1,399613E+22	1,032697E+22	8,124762E+21	8,124552E+21	1,032640E+22	1,399549E+22
-801	1,798227E+22	2,121810E+22	2,300221E+22	2,300213E+22	2,121773E+22	1,798197E+22	1,399555E+22	1,032671E+22	8,124964E+21	8,125164E+21	1,032729E+22	1,399631E+22
-800	1,798239E+22	2,121739E+22	2,300100E+22	2,300088E+22	2,121713E+22	1,798204E+22	1,399588E+22	1,032707E+22	8,125228E+21	8,125241E+21	1,032706E+22	1,399572E+22
-799	1,798162E+22	2,121689E+22	2,300125E+22	2,300155E+22	2,121771E+22	1,798253E+22	1,399630E+22	1,032742E+22	8,125534E+21	8,125490E+21	1,032733E+22	1,399627E+22
-798	1,798261E+22	2,121782E+22	2,300164E+22	2,300140E+22	2,121711E+22	1,798180E+22	1,399578E+22	1,032718E+22	8,125570E+21	8,125749E+21	1,032765E+22	1,399638E+22
-797	1,798230E+22	2,121706E+22	2,300045E+22	2,300052E+22	2,121706E+22	1,798223E+22	1,399633E+22	1,032766E+22	8,125818E+21	8,125678E+21	1,032724E+22	1,399564E+22
-796	1,798158E+22	2,121711E+22	2,300145E+22	2,300151E+22	2,121757E+22	1,798240E+22	1,399634E+22	1,032768E+22	8,125932E+21	8,125882E+21	1,032760E+22	1,399636E+22
-795	1,798243E+22	2,121746E+22	2,300124E+22	2,300103E+22	2,121699E+22	1,798192E+22	1,399598E+22	1,032741E+22	8,125762E+21	8,125834E+21	1,032752E+22	1,399594E+22
-794	1,798162E+22	2,121647E+22	2,300046E+22	2,300097E+22	2,121746E+22	1,798245E+22	1,399643E+22	1,032767E+22	8,125744E+21	8,125566E+21	1,032719E+22	1,399578E+22
-793	1,798189E+22	2,121732E+22	2,300145E+22	2,300152E+22	2,121758E+22	1,798221E+22	1,399592E+22	1,032713E+22	8,125400E+21	8,125544E+21	1,032759E+22	1,399661E+22
-792	1,798264E+22	2,121741E+22	2,300087E+22	2,300062E+22	2,121691E+22	1,798201E+22	1,399594E+22	1,032706E+22	8,125115E+21	8,125071E+21	1,032690E+22	1,399571E+22
-791	1,798183E+22	2,121706E+22	2,300125E+22	2,300146E+22	2,121760E+22	1,798244E+22	1,399620E+22	1,032714E+22	8,125008E+21	8,124815E+21	1,032665E+22	1,399577E+22
-790	1,798256E+22	2,121831E+22	2,300238E+22	2,300208E+22	2,121752E+22	1,798177E+22	1,399538E+22	1,032648E+22	8,124631E+21	8,124776E+21	1,032691E+22	1,399602E+22
-789	1,798237E+22	2,121768E+22	2,300143E+22	2,300136E+22	2,121754E+22	1,798217E+22	1,399569E+22	1,032657E+22	8,124496E+21	8,124437E+21	1,032637E+22	1,399527E+22
-788	1,798151E+22	2,121728E+22	2,300204E+22	2,300234E+22	2,121826E+22	1,798264E+22	1,399591E+22	1,032662E+22	8,124512E+21	8,124479E+21	1,032658E+22	1,399597E+22
-787	1,798266E+22	2,121804E+22	2,300205E+22	2,300197E+22	2,121774E+22	1,798214E+22	1,399553E+22	1,032634E+22	8,124366E+21	8,124506E+21	1,032664E+22	1,399574E+22
-786	1,798208E+22	2,121722E+22	2,300102E+22	2,300133E+22	2,121776E+22	1,798255E+22	1,399613E+22	1,032691E+22	8,124683E+21	8,124488E+21	1,032635E+22	1,399536E+22
-785	1,798189E+22	2,121768E+22	2,300197E+22	2,300188E+22	2,121782E+22	1,798234E+22	1,399587E+22	1,032684E+22	8,124900E+21	8,124940E+21	1,032700E+22	1,399621E+22
-784	1,798261E+22	2,121779E+22	2,300148E+22	2,300105E+22	2,121695E+22	1,798183E+22	1,399576E+22	1,032698E+22	8,125130E+21	8,125156E+21	1,032695E+22	1,399562E+22
-783	1,798159E+22	2,121669E+22	2,300090E+22	2,300128E+22	2,121748E+22	1,798232E+22	1,399625E+22	1,032750E+22	8,125598E+21	8,125466E+21	1,032714E+22	1,399582E+22
-782	1,798206E+22	2,121754E+22	2,300166E+22	2,300160E+22	2,121735E+22	1,798183E+22	1,399570E+22	1,032718E+22	8,125669E+21	8,125910E+21	1,032788E+22	1,399662E+22
-781	1,798239E+22	2,121706E+22	2,300046E+22	2,300030E+22	2,121675E+22	1,798196E+22	1,399612E+22	1,032758E+22	8,125937E+21	8,125990E+21	1,032763E+22	1,399595E+22
-780	1,798147E+22	2,121639E+22	2,300055E+22	2,300083E+22	2,121724E+22	1,798242E+22	1,399661E+22	1,032808E+22	8,126364E+21	8,126256E+21	1,032782E+22	1,399643E+22
-779	1,798252E+22	2,121748E+22	2,300104E+22	2,300073E+22	2,121673E+22	1,798179E+22	1,399610E+22	1,032783E+22	8,126405E+21	8,126528E+21	1,032811E+22	1,399636E+22
-778	1,798191E+22	2,121658E+22	2,300003E+22	2,300005E+22	2,121665E+22	1,798208E+22	1,399661E+22	1,032833E+22	8,126683E+21	8,126494E+21	1,032778E+22	1,399581E+22
-777	1,798132E+22	2,121642E+22	2,300072E+22	2,300091E+22	2,121713E+22	1,798214E+22	1,399640E+22	1,032815E+22	8,126683E+21	8,126693E+21	1,032824E+22	1,399668E+22
-776	1,798236E+22	2,121693E+22	2,300046E+22	2,300029E+22	2,121648E+22	1,798170E+22	1,399610E+22	1,032787E+22	8,126416E+21	8,126523E+21	1,032807E+22	1,399622E+22
-775	1,798157E+22	2,121604E+22	2,299976E+22	2,300022E+22	2,121694E+22	1,798229E+22	1,399661E+22	1,032812E+22	8,126350E+21	8,126177E+21	1,032766E+22	1,399603E+22
-774	1,798192E+22	2,121717E+22	2,300116E+22	2,300097E+22	2,121700E+22	1,798189E+22	1,399598E+22	1,032751E+22	8,125936E+21	8,126036E+21	1,032788E+22	1,399666E+22
-773	1,798260E+22	2,121736E+22	2,300077E+22	2,300030E+22	2,121649E+22	1,798174E+22	1,399598E+22	1,032741E+22	8,125681E+21	8,125671E+21	1,032728E+22	1,399569E+22
-772	1,798147E+22	2,121655E+22	2,300087E+22	2,300120E+22	2,121736E+22	1,798227E+22	1,399628E+22	1,032756E+22	8,125659E+21	8,125481E+21	1,032710E+22	1,399585E+22
-771	1,798229E+22	2,121778E+22	2,300175E+22	2,300166E+22	2,121750E+22	1,798191E+22	1,399559E+22	1,032690E+22	8,125257E+21	8,125428E+21	1,032736E+22	1,399609E+22
-770	1,798205E+22	2,121711E+22	2,300086E+22	2,300084E+22	2,121729E+22	1,798226E+22	1,399605E+22	1,032714E+22	8,125191E+21	8,125098E+21	1,032685E+22	1,399554E+22
-769	1,798145E+22	2,121666E+22	2,300120E+22	2,300156E+22	2,121774E+22	1,798247E+22	1,399613E+22	1,032718E+22	8,125257E+21	8,125207E+21	1,032711E+22	1,399622E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798267E+22	2,121770E+22	2,300138E+22	2,300115E+22	2,121707E+22	1,798187E+22	1,399576E+22	1,032699E+22	8,125190E+21	8,125285E+21	1,032715E+22	1,399587E+22
-767	1,798189E+22	2,121683E+22	2,300050E+22	2,300063E+22	2,121710E+22	1,798225E+22	1,399631E+22	1,032753E+22	8,125556E+21	8,125373E+21	1,032699E+22	1,399554E+22
-766	1,798163E+22	2,121724E+22	2,300158E+22	2,300141E+22	2,121726E+22	1,798195E+22	1,399589E+22	1,032733E+22	8,125694E+21	8,125781E+21	1,032763E+22	1,399644E+22
-765	1,798245E+22	2,121735E+22	2,300098E+22	2,300059E+22	2,121660E+22	1,798163E+22	1,399581E+22	1,032738E+22	8,125878E+21	8,126042E+21	1,032770E+22	1,399595E+22
-764	1,798138E+22	2,121600E+22	2,300007E+22	2,300057E+22	2,121706E+22	1,798223E+22	1,399646E+22	1,032802E+22	8,126368E+21	8,126279E+21	1,032778E+22	1,399618E+22
-763	1,798210E+22	2,121712E+22	2,300083E+22	2,300081E+22	2,121701E+22	1,798189E+22	1,399605E+22	1,032780E+22	8,126450E+21	8,126642E+21	1,032835E+22	1,399674E+22
-762	1,798227E+22	2,121679E+22	2,300002E+22	2,299967E+22	2,121624E+22	1,798186E+22	1,399649E+22	1,032832E+22	8,126818E+21	8,126740E+21	1,032806E+22	1,399606E+22
-761	1,798132E+22	2,121591E+22	2,299997E+22	2,300021E+22	2,121665E+22	1,798211E+22	1,399678E+22	1,032871E+22	8,127252E+21	8,127106E+21	1,032835E+22	1,399649E+22
-760	1,798224E+22	2,121699E+22	2,300051E+22	2,300023E+22	2,121628E+22	1,798153E+22	1,399627E+22	1,032844E+22	8,127245E+21	8,127372E+21	1,032870E+22	1,399646E+22
-759	1,798152E+22	2,121590E+22	2,299935E+22	2,299946E+22	2,121625E+22	1,798198E+22	1,399679E+22	1,032883E+22	8,127430E+21	8,127301E+21	1,032843E+22	1,399608E+22
-758	1,798109E+22	2,121585E+22	2,300008E+22	2,300029E+22	2,121665E+22	1,798196E+22	1,399654E+22	1,032856E+22	8,127275E+21	8,127317E+21	1,032874E+22	1,399695E+22
-757	1,798239E+22	2,121666E+22	2,299995E+22	2,299972E+22	2,121605E+22	1,798152E+22	1,399621E+22	1,032824E+22	8,126989E+21	8,127147E+21	1,032855E+22	1,399641E+22
-756	1,798149E+22	2,121569E+22	2,299919E+22	2,299957E+22	2,121643E+22	1,798208E+22	1,399675E+22	1,032858E+22	8,126991E+21	8,126789E+21	1,032806E+22	1,399616E+22
-755	1,798187E+22	2,121697E+22	2,300073E+22	2,300051E+22	2,121670E+22	1,798180E+22	1,399615E+22	1,032798E+22	8,126583E+21	8,126654E+21	1,032824E+22	1,399663E+22
-754	1,798227E+22	2,121699E+22	2,300054E+22	2,300010E+22	2,121624E+22	1,798161E+22	1,399614E+22	1,032790E+22	8,126360E+21	8,126318E+21	1,032773E+22	1,399586E+22
-753	1,798125E+22	2,121589E+22	2,300019E+22	2,300072E+22	2,121706E+22	1,798213E+22	1,399636E+22	1,032795E+22	8,126299E+21	8,126180E+21	1,032766E+22	1,399610E+22
-752	1,798218E+22	2,121728E+22	2,300102E+22	2,300100E+22	2,121706E+22	1,798184E+22	1,399585E+22	1,032739E+22	8,125890E+21	8,126078E+21	1,032785E+22	1,399629E+22
-751	1,798192E+22	2,121665E+22	2,300014E+22	2,300008E+22	2,121675E+22	1,798216E+22	1,399634E+22	1,032770E+22	8,125902E+21	8,125793E+21	1,032735E+22	1,399573E+22
-750	1,798137E+22	2,121639E+22	2,300073E+22	2,300088E+22	2,121709E+22	1,798217E+22	1,399629E+22	1,032772E+22	8,125975E+21	8,125888E+21	1,032754E+22	1,399632E+22
-749	1,798256E+22	2,121747E+22	2,300105E+22	2,300069E+22	2,121655E+22	1,798155E+22	1,399583E+22	1,032746E+22	8,125964E+21	8,126119E+21	1,032774E+22	1,399597E+22
-748	1,798155E+22	2,121622E+22	2,299988E+22	2,300014E+22	2,121670E+22	1,798201E+22	1,399641E+22	1,032804E+22	8,126374E+21	8,126238E+21	1,032765E+22	1,399580E+22
-747	1,798147E+22	2,121671E+22	2,300082E+22	2,300083E+22	2,121703E+22	1,798196E+22	1,399611E+22	1,032785E+22	8,126460E+21	8,126584E+21	1,032824E+22	1,399666E+22
-746	1,798224E+22	2,121685E+22	2,300040E+22	2,300004E+22	2,121623E+22	1,798162E+22	1,399616E+22	1,032803E+22	8,126680E+21	8,126798E+21	1,032827E+22	1,399630E+22
-745	1,798140E+22	2,121551E+22	2,299929E+22	2,299982E+22	2,121652E+22	1,798205E+22	1,399672E+22	1,032866E+22	8,127209E+21	8,127091E+21	1,032834E+22	1,399639E+22
-744	1,798207E+22	2,121685E+22	2,300024E+22	2,300003E+22	2,121634E+22	1,798169E+22	1,399637E+22	1,032852E+22	8,127336E+21	8,127466E+21	1,032885E+22	1,399677E+22
-743	1,798195E+22	2,121632E+22	2,299953E+22	2,299911E+22	2,121568E+22	1,798165E+22	1,399676E+22	1,032901E+22	8,127743E+21	8,127652E+21	1,032868E+22	1,399617E+22
-742	1,798094E+22	2,121535E+22	2,299946E+22	2,299976E+22	2,121619E+22	1,798179E+22	1,399684E+22	1,032922E+22	8,128046E+21	8,127937E+21	1,032897E+22	1,399668E+22
-741	1,798195E+22	2,121640E+22	2,299984E+22	2,299970E+22	2,121593E+22	1,798136E+22	1,399633E+22	1,032882E+22	8,127941E+21	8,128192E+21	1,032938E+22	1,399676E+22
-740	1,798131E+22	2,121520E+22	2,299845E+22	2,299870E+22	2,121578E+22	1,798185E+22	1,399698E+22	1,032929E+22	8,128084E+21	8,127993E+21	1,032900E+22	1,399644E+22
-739	1,798118E+22	2,121554E+22	2,299931E+22	2,299951E+22	2,121620E+22	1,798187E+22	1,399677E+22	1,032905E+22	8,127898E+21	8,127895E+21	1,032912E+22	1,399705E+22
-738	1,798231E+22	2,121652E+22	2,299966E+22	2,299923E+22	2,121556E+22	1,798133E+22	1,399644E+22	1,032878E+22	8,127658E+21	8,127715E+21	1,032889E+22	1,399653E+22
-737	1,798140E+22	2,121537E+22	2,299879E+22	2,299916E+22	2,121597E+22	1,798176E+22	1,399678E+22	1,032900E+22	8,127651E+21	8,127451E+21	1,032849E+22	1,399622E+22
-736	1,798166E+22	2,121661E+22	2,300032E+22	2,300016E+22	2,121638E+22	1,798164E+22	1,399629E+22	1,032842E+22	8,127208E+21	8,127300E+21	1,032870E+22	1,399670E+22
-735	1,798191E+22	2,121642E+22	2,299998E+22	2,299971E+22	2,121601E+22	1,798162E+22	1,399637E+22	1,032834E+22	8,126976E+21	8,126974E+21	1,032826E+22	1,399607E+22
-734	1,798105E+22	2,121542E+22	2,299958E+22	2,300017E+22	2,121666E+22	1,798202E+22	1,399656E+22	1,032838E+22	8,126867E+21	8,126752E+21	1,032810E+22	1,399629E+22
-733	1,798212E+22	2,121697E+22	2,300047E+22	2,300042E+22	2,121663E+22	1,798171E+22	1,399603E+22	1,032785E+22	8,126543E+21	8,126751E+21	1,032832E+22	1,399642E+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°
-732	1,798176E+22	2,121623E+22	2,299950E+22	2,299936E+22	2,121615E+22	1,798194E+22	1,399656E+22	1,032828E+22	8,126677E+21	8,126543E+21	1,032787E+22	1,399589E+22
-731	1,798125E+22	2,121606E+22	2,300015E+22	2,300030E+22	2,121663E+22	1,798195E+22	1,399648E+22	1,032830E+22	8,126790E+21	8,126689E+21	1,032808E+22	1,399639E+22
-730	1,798223E+22	2,121703E+22	2,300063E+22	2,300032E+22	2,121619E+22	1,798134E+22	1,399598E+22	1,032804E+22	8,126798E+21	8,126944E+21	1,032839E+22	1,399632E+22
-729	1,798141E+22	2,121557E+22	2,299904E+22	2,299947E+22	2,121625E+22	1,798179E+22	1,399649E+22	1,032852E+22	8,127154E+21	8,127090E+21	1,032833E+22	1,399616E+22
-728	1,798146E+22	2,121629E+22	2,300008E+22	2,300008E+22	2,121647E+22	1,798182E+22	1,399641E+22	1,032845E+22	8,127225E+21	8,127354E+21	1,032881E+22	1,399691E+22
-727	1,798214E+22	2,121646E+22	2,299977E+22	2,299935E+22	2,121566E+22	1,798146E+22	1,399647E+22	1,032869E+22	8,127522E+21	8,127595E+21	1,032880E+22	1,399643E+22
-726	1,798122E+22	2,121521E+22	2,299883E+22	2,299918E+22	2,121590E+22	1,798176E+22	1,399692E+22	1,032928E+22	8,128047E+21	8,127880E+21	1,032882E+22	1,399642E+22
-725	1,798175E+22	2,121645E+22	2,299985E+22	2,299965E+22	2,121594E+22	1,798145E+22	1,399649E+22	1,032906E+22	8,128199E+21	8,128375E+21	1,032945E+22	1,399683E+22
-724	1,798148E+22	2,121555E+22	2,299874E+22	2,299855E+22	2,121533E+22	1,798151E+22	1,399695E+22	1,032958E+22	8,128588E+21	8,128540E+21	1,032936E+22	1,399644E+22
-723	1,798072E+22	2,121469E+22	2,299852E+22	2,299906E+22	2,121591E+22	1,798180E+22	1,399710E+22	1,032976E+22	8,128788E+21	8,128703E+21	1,032957E+22	1,399694E+22
-722	1,798177E+22	2,121589E+22	2,299915E+22	2,299907E+22	2,121550E+22	1,798128E+22	1,399663E+22	1,032940E+22	8,128649E+21	8,128842E+21	1,032990E+22	1,399716E+22
-721	1,798139E+22	2,121480E+22	2,299768E+22	2,299790E+22	2,121517E+22	1,798157E+22	1,399711E+22	1,032978E+22	8,128772E+21	8,128661E+21	1,032947E+22	1,399667E+22
-720	1,798125E+22	2,121546E+22	2,299893E+22	2,299885E+22	2,121552E+22	1,798158E+22	1,399697E+22	1,032958E+22	8,128574E+21	8,128536E+21	1,032952E+22	1,399709E+22
-719	1,798207E+22	2,121623E+22	2,299940E+22	2,299892E+22	2,121513E+22	1,798108E+22	1,399657E+22	1,032927E+22	8,128355E+21	8,128412E+21	1,032936E+22	1,399659E+22
-718	1,798109E+22	2,121501E+22	2,299846E+22	2,299889E+22	2,121570E+22	1,798154E+22	1,399680E+22	1,032935E+22	8,128236E+21	8,128080E+21	1,032896E+22	1,399636E+22
-717	1,798141E+22	2,121614E+22	2,299980E+22	2,299979E+22	2,121620E+22	1,798160E+22	1,399638E+22	1,032873E+22	8,127766E+21	8,127941E+21	1,032919E+22	1,399688E+22
-716	1,798169E+22	2,121581E+22	2,299918E+22	2,299905E+22	2,121566E+22	1,798159E+22	1,399664E+22	1,032883E+22	8,127586E+21	8,127575E+21	1,032872E+22	1,399632E+22
-715	1,798107E+22	2,121510E+22	2,299882E+22	2,299944E+22	2,121625E+22	1,798194E+22	1,399685E+22	1,032895E+22	8,127542E+21	8,127351E+21	1,032846E+22	1,399635E+22
-714	1,798190E+22	2,121668E+22	2,300008E+22	2,299992E+22	2,121613E+22	1,798149E+22	1,399628E+22	1,032848E+22	8,127313E+21	8,127421E+21	1,032877E+22	1,399660E+22
-713	1,798158E+22	2,121578E+22	2,299895E+22	2,299884E+22	2,121563E+22	1,798156E+22	1,399660E+22	1,032879E+22	8,127474E+21	8,127374E+21	1,032847E+22	1,399608E+22
-712	1,798106E+22	2,121567E+22	2,299961E+22	2,299973E+22	2,121611E+22	1,798170E+22	1,399662E+22	1,032881E+22	8,127546E+21	8,127501E+21	1,032870E+22	1,399661E+22
-711	1,798194E+22	2,121645E+22	2,299997E+22	2,299977E+22	2,121582E+22	1,798126E+22	1,399620E+22	1,032857E+22	8,127558E+21	8,127752E+21	1,032903E+22	1,399662E+22
-710	1,798131E+22	2,121518E+22	2,299843E+22	2,299885E+22	2,121578E+22	1,798160E+22	1,399666E+22	1,032903E+22	8,127865E+21	8,127804E+21	1,032886E+22	1,399641E+22
-709	1,798141E+22	2,121598E+22	2,299950E+22	2,299946E+22	2,121602E+22	1,798166E+22	1,399660E+22	1,032900E+22	8,128027E+21	8,128148E+21	1,032932E+22	1,399701E+22
-708	1,798189E+22	2,121597E+22	2,299912E+22	2,299869E+22	2,121515E+22	1,798130E+22	1,399677E+22	1,032938E+22	8,128424E+21	8,128459E+21	1,032937E+22	1,399657E+22
-707	1,798097E+22	2,121473E+22	2,299815E+22	2,299862E+22	2,121551E+22	1,798159E+22	1,399717E+22	1,032995E+22	8,128959E+21	8,128768E+21	1,032943E+22	1,399652E+22
-706	1,798129E+22	2,121578E+22	2,299922E+22	2,299918E+22	2,121561E+22	1,798132E+22	1,399673E+22	1,032969E+22	8,129071E+21	8,129231E+21	1,033015E+22	1,399722E+22
-705	1,798130E+22	2,121481E+22	2,299774E+22	2,299771E+22	2,121481E+22	1,798130E+22	1,399708E+22	1,033008E+22	8,129373E+21	8,129391E+21	1,033006E+22	1,399684E+22
-704	1,798077E+22	2,121432E+22	2,299772E+22	2,299811E+22	2,121518E+22	1,798158E+22	1,399738E+22	1,033032E+22	8,129500E+21	8,129409E+21	1,033009E+22	1,399720E+22
-703	1,798175E+22	2,121562E+22	2,299861E+22	2,299836E+22	2,121489E+22	1,798104E+22	1,399684E+22	1,032997E+22	8,129384E+21	8,129526E+21	1,033035E+22	1,399729E+22
-702	1,798133E+22	2,121473E+22	2,299744E+22	2,299742E+22	2,121460E+22	1,798119E+22	1,399714E+22	1,033022E+22	8,129424E+21	8,129284E+21	1,032985E+22	1,399670E+22
-701	1,798102E+22	2,121522E+22	2,299876E+22	2,299868E+22	2,121528E+22	1,798134E+22	1,399696E+22	1,032994E+22	8,129220E+21	8,129221E+21	1,032995E+22	1,399711E+22
-700	1,798166E+22	2,121562E+22	2,299885E+22	2,299861E+22	2,121502E+22	1,798106E+22	1,399673E+22	1,032969E+22	8,128977E+21	8,129067E+21	1,032986E+22	1,399676E+22
-699	1,798086E+22	2,121445E+22	2,299773E+22	2,299842E+22	2,121559E+22	1,798164E+22	1,399709E+22	1,032982E+22	8,128832E+21	8,128668E+21	1,032939E+22	1,399650E+22
-698	1,798114E+22	2,121563E+22	2,299921E+22	2,299930E+22	2,121594E+22	1,798163E+22	1,399672E+22	1,032930E+22	8,128411E+21	8,128501E+21	1,032961E+22	1,399715E+22
-697	1,798165E+22	2,121536E+22	2,299837E+22	2,299821E+22	2,121508E+22	1,798137E+22	1,399682E+22	1,032936E+22	8,128311E+21	8,128268E+21	1,032919E+22	1,399650E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798103E+22	2,121491E+22	2,299834E+22	2,299866E+22	2,121551E+22	1,798164E+22	1,399708E+22	1,032953E+22	8,128301E+21	8,128091E+21	1,032896E+22	1,399647E+22
-695	1,798163E+22	2,121626E+22	2,299967E+22	2,299947E+22	2,121562E+22	1,798115E+22	1,399637E+22	1,032900E+22	8,128107E+21	8,128244E+21	1,032938E+22	1,399680E+22
-694	1,798135E+22	2,121535E+22	2,299844E+22	2,299835E+22	2,121520E+22	1,798123E+22	1,399655E+22	1,032914E+22	8,128147E+21	8,128132E+21	1,032909E+22	1,399639E+22
-693	1,798093E+22	2,121524E+22	2,299904E+22	2,299923E+22	2,121580E+22	1,798155E+22	1,399666E+22	1,032916E+22	8,128204E+21	8,128247E+21	1,032928E+22	1,399688E+22
-692	1,798182E+22	2,121593E+22	2,299919E+22	2,299905E+22	2,121540E+22	1,798118E+22	1,399649E+22	1,032913E+22	8,128284E+21	8,128461E+21	1,032954E+22	1,399687E+22
-691	1,798130E+22	2,121488E+22	2,299777E+22	2,299818E+22	2,121537E+22	1,798151E+22	1,399700E+22	1,032970E+22	8,128688E+21	8,128533E+21	1,032928E+22	1,399643E+22
-690	1,798109E+22	2,121558E+22	2,299910E+22	2,299900E+22	2,121561E+22	1,798152E+22	1,399693E+22	1,032974E+22	8,128941E+21	8,128950E+21	1,032983E+22	1,399714E+22
-689	1,798156E+22	2,121531E+22	2,299837E+22	2,299806E+22	2,121469E+22	1,798103E+22	1,399693E+22	1,033003E+22	8,129369E+21	8,129416E+21	1,033005E+22	1,399677E+22
-688	1,798069E+22	2,121416E+22	2,299741E+22	2,299784E+22	2,121496E+22	1,798145E+22	1,399745E+22	1,033058E+22	8,129818E+21	8,129669E+21	1,033013E+22	1,399680E+22
-687	1,798101E+22	2,121507E+22	2,299842E+22	2,299845E+22	2,121512E+22	1,798119E+22	1,399699E+22	1,033030E+22	8,129892E+21	8,130077E+21	1,033081E+22	1,399755E+22
-686	1,798128E+22	2,121446E+22	2,299708E+22	2,299694E+22	2,121420E+22	1,798100E+22	1,399720E+22	1,033057E+22	8,130083E+21	8,130106E+21	1,033060E+22	1,399713E+22
-685	1,798082E+22	2,121416E+22	2,299730E+22	2,299751E+22	2,121465E+22	1,798129E+22	1,399742E+22	1,033077E+22	8,130223E+21	8,130128E+21	1,033054E+22	1,399729E+22
-684	1,798157E+22	2,121530E+22	2,299819E+22	2,299786E+22	2,121444E+22	1,798083E+22	1,399702E+22	1,033051E+22	8,130126E+21	8,130244E+21	1,033081E+22	1,399739E+22
-683	1,798112E+22	2,121436E+22	2,299706E+22	2,299717E+22	2,121443E+22	1,798105E+22	1,399728E+22	1,033071E+22	8,130124E+21	8,129968E+21	1,033030E+22	1,399674E+22
-682	1,798061E+22	2,121462E+22	2,299828E+22	2,299843E+22	2,121520E+22	1,798137E+22	1,399717E+22	1,033041E+22	8,129861E+21	8,129844E+21	1,033045E+22	1,399738E+22
-681	1,798146E+22	2,121492E+22	2,299798E+22	2,299794E+22	2,121470E+22	1,798102E+22	1,399692E+22	1,033013E+22	8,129601E+21	8,129723E+21	1,033037E+22	1,399705E+22
-680	1,798087E+22	2,121412E+22	2,299703E+22	2,299750E+22	2,121492E+22	1,798151E+22	1,399740E+22	1,033035E+22	8,129454E+21	8,129264E+21	1,032981E+22	1,399666E+22
-679	1,798100E+22	2,121523E+22	2,299863E+22	2,299858E+22	2,121535E+22	1,798140E+22	1,399694E+22	1,032986E+22	8,129130E+21	8,129168E+21	1,033002E+22	1,399723E+22
-678	1,798153E+22	2,121518E+22	2,299805E+22	2,299766E+22	2,121448E+22	1,798094E+22	1,399680E+22	1,032977E+22	8,128983E+21	8,128954E+21	1,032965E+22	1,399662E+22
-677	1,798086E+22	2,121460E+22	2,299802E+22	2,299832E+22	2,121514E+22	1,798128E+22	1,399696E+22	1,032986E+22	8,128982E+21	8,128839E+21	1,032949E+22	1,399661E+22
-676	1,798134E+22	2,121567E+22	2,299904E+22	2,299898E+22	2,121536E+22	1,798106E+22	1,399651E+22	1,032944E+22	8,128771E+21	8,128963E+21	1,032996E+22	1,399710E+22
-675	1,798127E+22	2,121487E+22	2,299780E+22	2,299786E+22	2,121498E+22	1,798121E+22	1,399679E+22	1,032964E+22	8,128801E+21	8,128781E+21	1,032957E+22	1,399659E+22
-674	1,798077E+22	2,121479E+22	2,299850E+22	2,299872E+22	2,121552E+22	1,798156E+22	1,399701E+22	1,032979E+22	8,128935E+21	8,128889E+21	1,032973E+22	1,399712E+22
-673	1,798174E+22	2,121548E+22	2,299846E+22	2,299826E+22	2,121487E+22	1,798102E+22	1,399676E+22	1,032980E+22	8,129162E+21	8,129288E+21	1,033006E+22	1,399699E+22
-672	1,798113E+22	2,121457E+22	2,299728E+22	2,299737E+22	2,121464E+22	1,798129E+22	1,399735E+22	1,033045E+22	8,129638E+21	8,129451E+21	1,032988E+22	1,399651E+22
-671	1,798065E+22	2,121488E+22	2,299848E+22	2,299847E+22	2,121516E+22	1,798129E+22	1,399714E+22	1,033044E+22	8,129937E+21	8,129955E+21	1,033054E+22	1,399733E+22
-670	1,798126E+22	2,121471E+22	2,299762E+22	2,299736E+22	2,121419E+22	1,798075E+22	1,399698E+22	1,033053E+22	8,130211E+21	8,130338E+21	1,033080E+22	1,399716E+22
-669	1,798060E+22	2,121364E+22	2,299667E+22	2,299710E+22	2,121444E+22	1,798120E+22	1,399751E+22	1,033103E+22	8,130593E+21	8,130505E+21	1,033077E+22	1,399714E+22
-668	1,798097E+22	2,121459E+22	2,299762E+22	2,299761E+22	2,121454E+22	1,798101E+22	1,399724E+22	1,033088E+22	8,130651E+21	8,130817E+21	1,033135E+22	1,399783E+22
-667	1,798132E+22	2,121421E+22	2,299660E+22	2,299637E+22	2,121373E+22	1,798079E+22	1,399740E+22	1,033115E+22	8,130832E+21	8,130789E+21	1,033100E+22	1,399717E+22
-666	1,798059E+22	2,121388E+22	2,299710E+22	2,299727E+22	2,121437E+22	1,798114E+22	1,399762E+22	1,033133E+22	8,130959E+21	8,130809E+21	1,033099E+22	1,399741E+22
-665	1,798129E+22	2,121474E+22	2,299760E+22	2,299740E+22	2,121418E+22	1,798069E+22	1,399713E+22	1,033099E+22	8,130863E+21	8,131008E+21	1,033135E+22	1,399752E+22
-664	1,798086E+22	2,121386E+22	2,299647E+22	2,299654E+22	2,121407E+22	1,798108E+22	1,399758E+22	1,033120E+22	8,130783E+21	8,130656E+21	1,033082E+22	1,399693E+22
-663	1,798032E+22	2,121393E+22	2,299757E+22	2,299786E+22	2,121488E+22	1,798135E+22	1,399746E+22	1,033094E+22	8,130525E+21	8,130494E+21	1,033091E+22	1,399756E+22
-662	1,798139E+22	2,121456E+22	2,299730E+22	2,299717E+22	2,121415E+22	1,798078E+22	1,399704E+22	1,033056E+22	8,130203E+21	8,130315E+21	1,033080E+22	1,399724E+22
-661	1,798087E+22	2,121393E+22	2,299661E+22	2,299684E+22	2,121434E+22	1,798120E+22	1,399743E+22	1,033076E+22	8,130110E+21	8,129910E+21	1,033021E+22	1,399674E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798083E+22	2,121487E+22	2,299819E+22	2,299801E+22	2,121481E+22	1,798112E+22	1,399706E+22	1,033035E+22	8,129823E+21	8,129867E+21	1,033051E+22	1,399737E+22
-659	1,798136E+22	2,121478E+22	2,299766E+22	2,299737E+22	2,121421E+22	1,798071E+22	1,399684E+22	1,033019E+22	8,129644E+21	8,129647E+21	1,033015E+22	1,399677E+22
-658	1,798060E+22	2,121409E+22	2,299758E+22	2,299803E+22	2,121499E+22	1,798125E+22	1,399709E+22	1,033027E+22	8,129592E+21	8,129483E+21	1,033004E+22	1,399694E+22
-657	1,798126E+22	2,121509E+22	2,299822E+22	2,299825E+22	2,121498E+22	1,798099E+22	1,399671E+22	1,032991E+22	8,129449E+21	8,129659E+21	1,033048E+22	1,399736E+22
-656	1,798130E+22	2,121462E+22	2,299721E+22	2,299701E+22	2,121436E+22	1,798114E+22	1,399717E+22	1,033027E+22	8,129554E+21	8,129481E+21	1,033002E+22	1,399670E+22
-655	1,798057E+22	2,121434E+22	2,299797E+22	2,299810E+22	2,121499E+22	1,798140E+22	1,399733E+22	1,033051E+22	8,129844E+21	8,129716E+21	1,033020E+22	1,399710E+22
-654	1,798146E+22	2,121512E+22	2,299800E+22	2,299769E+22	2,121431E+22	1,798070E+22	1,399687E+22	1,033039E+22	8,130052E+21	8,130187E+21	1,033067E+22	1,399711E+22
-653	1,798081E+22	2,121404E+22	2,299675E+22	2,299686E+22	2,121422E+22	1,798101E+22	1,399738E+22	1,033097E+22	8,130537E+21	8,130404E+21	1,033057E+22	1,399672E+22
-652	1,798031E+22	2,121408E+22	2,299759E+22	2,299773E+22	2,121476E+22	1,798122E+22	1,399739E+22	1,033103E+22	8,130782E+21	8,130860E+21	1,033128E+22	1,399771E+22
-651	1,798119E+22	2,121411E+22	2,299683E+22	2,299670E+22	2,121377E+22	1,798063E+22	1,399723E+22	1,033111E+22	8,130992E+21	8,131125E+21	1,033140E+22	1,399746E+22
-650	1,798056E+22	2,121323E+22	2,299604E+22	2,299647E+22	2,121401E+22	1,798108E+22	1,399776E+22	1,033163E+22	8,131346E+21	8,131212E+21	1,033131E+22	1,399744E+22
-649	1,798096E+22	2,121423E+22	2,299697E+22	2,299682E+22	2,121394E+22	1,798078E+22	1,399744E+22	1,033148E+22	8,131480E+21	8,131617E+21	1,033188E+22	1,399798E+22
-648	1,798122E+22	2,121402E+22	2,299629E+22	2,299575E+22	2,121309E+22	1,798056E+22	1,399764E+22	1,033174E+22	8,131633E+21	8,131578E+21	1,033152E+22	1,399723E+22
-647	1,798019E+22	2,121325E+22	2,299659E+22	2,299691E+22	2,121409E+22	1,798101E+22	1,399779E+22	1,033188E+22	8,131753E+21	8,131610E+21	1,033153E+22	1,399750E+22
-646	1,798102E+22	2,121422E+22	2,299693E+22	2,299683E+22	2,121385E+22	1,798057E+22	1,399721E+22	1,033136E+22	8,131489E+21	8,131703E+21	1,033191E+22	1,399778E+22
-645	1,798076E+22	2,121341E+22	2,299582E+22	2,299587E+22	2,121361E+22	1,798091E+22	1,399767E+22	1,033159E+22	8,131389E+21	8,131273E+21	1,033126E+22	1,399712E+22
-644	1,798025E+22	2,121345E+22	2,299680E+22	2,299706E+22	2,121434E+22	1,798123E+22	1,399772E+22	1,033146E+22	8,131160E+21	8,131084E+21	1,033131E+22	1,399770E+22
-643	1,798135E+22	2,121428E+22	2,299689E+22	2,299669E+22	2,121365E+22	1,798052E+22	1,399718E+22	1,033105E+22	8,130850E+21	8,130905E+21	1,033114E+22	1,399725E+22
-642	1,798064E+22	2,121362E+22	2,299639E+22	2,299661E+22	2,121402E+22	1,798097E+22	1,399751E+22	1,033120E+22	8,130735E+21	8,130534E+21	1,033068E+22	1,399689E+22
-641	1,798060E+22	2,121436E+22	2,299760E+22	2,299753E+22	2,121447E+22	1,798093E+22	1,399712E+22	1,033075E+22	8,130495E+21	8,130596E+21	1,033108E+22	1,399758E+22
-640	1,798121E+22	2,121439E+22	2,299714E+22	2,299676E+22	2,121380E+22	1,798070E+22	1,399709E+22	1,033064E+22	8,130277E+21	8,130325E+21	1,033069E+22	1,399698E+22
-639	1,798040E+22	2,121352E+22	2,299696E+22	2,299752E+22	2,121469E+22	1,798124E+22	1,399739E+22	1,033083E+22	8,130306E+21	8,130177E+21	1,033050E+22	1,399708E+22
-638	1,798122E+22	2,121480E+22	2,299760E+22	2,299754E+22	2,121448E+22	1,798083E+22	1,399689E+22	1,033044E+22	8,130179E+21	8,130368E+21	1,033095E+22	1,399751E+22
-637	1,798121E+22	2,121435E+22	2,299679E+22	2,299640E+22	2,121380E+22	1,798088E+22	1,399731E+22	1,033086E+22	8,130413E+21	8,130302E+21	1,033053E+22	1,399677E+22
-636	1,798027E+22	2,121376E+22	2,299734E+22	2,299751E+22	2,121449E+22	1,798120E+22	1,399758E+22	1,033119E+22	8,130762E+21	8,130640E+21	1,033086E+22	1,399728E+22
-635	1,798113E+22	2,121441E+22	2,299735E+22	2,299725E+22	2,121397E+22	1,798050E+22	1,399703E+22	1,033097E+22	8,130922E+21	8,131096E+21	1,033137E+22	1,399738E+22
-634	1,798056E+22	2,121338E+22	2,299605E+22	2,299631E+22	2,121389E+22	1,798094E+22	1,399759E+22	1,033150E+22	8,131302E+21	8,131238E+21	1,033131E+22	1,399718E+22
-633	1,798030E+22	2,121349E+22	2,299658E+22	2,299672E+22	2,121409E+22	1,798103E+22	1,399762E+22	1,033161E+22	8,131587E+21	8,131687E+21	1,033192E+22	1,399806E+22
-632	1,798128E+22	2,121390E+22	2,299620E+22	2,299574E+22	2,121301E+22	1,798044E+22	1,399754E+22	1,033175E+22	8,131804E+21	8,131891E+21	1,033191E+22	1,399762E+22
-631	1,798043E+22	2,121290E+22	2,299562E+22	2,299594E+22	2,121349E+22	1,798083E+22	1,399797E+22	1,033227E+22	8,132216E+21	8,132018E+21	1,033176E+22	1,399744E+22
-630	1,798075E+22	2,121394E+22	2,299656E+22	2,299635E+22	2,121346E+22	1,798047E+22	1,399749E+22	1,033198E+22	8,132260E+21	8,132414E+21	1,033241E+22	1,399808E+22
-629	1,798092E+22	2,121354E+22	2,299586E+22	2,299542E+22	2,121282E+22	1,798038E+22	1,399769E+22	1,033218E+22	8,132371E+21	8,132341E+21	1,033207E+22	1,399737E+22
-628	1,797986E+22	2,121252E+22	2,299581E+22	2,299634E+22	2,121381E+22	1,798104E+22	1,399809E+22	1,033240E+22	8,132426E+21	8,132307E+21	1,033208E+22	1,399772E+22
-627	1,798083E+22	2,121363E+22	2,299625E+22	2,299633E+22	2,121351E+22	1,798051E+22	1,399748E+22	1,033186E+22	8,132110E+21	8,132291E+21	1,033232E+22	1,399794E+22
-626	1,798066E+22	2,121305E+22	2,299529E+22	2,299534E+22	2,121322E+22	1,798082E+22	1,399790E+22	1,033209E+22	8,131993E+21	8,131849E+21	1,033170E+22	1,399731E+22
-625	1,798017E+22	2,121310E+22	2,299615E+22	2,299628E+22	2,121369E+22	1,798096E+22	1,399788E+22	1,033198E+22	8,131876E+21	8,131784E+21	1,033178E+22	1,399782E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798122E+22	2,121406E+22	2,299655E+22	2,299613E+22	2,121308E+22	1,798027E+22	1,399733E+22	1,033154E+22	8,131555E+21	8,131624E+21	1,033167E+22	1,399738E+22
-623	1,798034E+22	2,121308E+22	2,299591E+22	2,299632E+22	2,121378E+22	1,798080E+22	1,399758E+22	1,033162E+22	8,131425E+21	8,131266E+21	1,033121E+22	1,399707E+22
-622	1,798049E+22	2,121396E+22	2,299697E+22	2,299697E+22	2,121410E+22	1,798078E+22	1,399717E+22	1,033108E+22	8,131065E+21	8,131250E+21	1,033163E+22	1,399789E+22
-621	1,798122E+22	2,121408E+22	2,299663E+22	2,299620E+22	2,121335E+22	1,798052E+22	1,399720E+22	1,033106E+22	8,130894E+21	8,130932E+21	1,033112E+22	1,399716E+22
-620	1,798032E+22	2,121312E+22	2,299629E+22	2,299683E+22	2,121421E+22	1,798116E+22	1,399771E+22	1,033143E+22	8,131038E+21	8,130854E+21	1,033094E+22	1,399715E+22
-619	1,798101E+22	2,121444E+22	2,299721E+22	2,299714E+22	2,121404E+22	1,798064E+22	1,399713E+22	1,033105E+22	8,130976E+21	8,131108E+21	1,033139E+22	1,399752E+22
-618	1,798087E+22	2,121387E+22	2,299635E+22	2,299607E+22	2,121347E+22	1,798072E+22	1,399750E+22	1,033143E+22	8,131218E+21	8,131133E+21	1,033117E+22	1,399696E+22
-617	1,797995E+22	2,121303E+22	2,299641E+22	2,299676E+22	2,121404E+22	1,798106E+22	1,399778E+22	1,033178E+22	8,131637E+21	8,131566E+21	1,033160E+22	1,399760E+22
-616	1,798097E+22	2,121388E+22	2,299656E+22	2,299638E+22	2,121337E+22	1,798042E+22	1,399733E+22	1,033157E+22	8,131740E+21	8,131949E+21	1,033206E+22	1,399772E+22
-615	1,798042E+22	2,121278E+22	2,299524E+22	2,299558E+22	2,121335E+22	1,798077E+22	1,399786E+22	1,033215E+22	8,132152E+21	8,132060E+21	1,033187E+22	1,399741E+22
-614	1,798035E+22	2,121328E+22	2,299592E+22	2,299589E+22	2,121339E+22	1,798071E+22	1,399775E+22	1,033216E+22	8,132393E+21	8,132487E+21	1,033247E+22	1,399825E+22
-613	1,798122E+22	2,121374E+22	2,299588E+22	2,299518E+22	2,121237E+22	1,798006E+22	1,399762E+22	1,033232E+22	8,132659E+21	8,132708E+21	1,033242E+22	1,399768E+22
-612	1,798012E+22	2,121240E+22	2,299512E+22	2,299551E+22	2,121310E+22	1,798066E+22	1,399819E+22	1,033289E+22	8,133070E+21	8,132875E+21	1,033236E+22	1,399755E+22
-611	1,798036E+22	2,121328E+22	2,299603E+22	2,299608E+22	2,121327E+22	1,798038E+22	1,399766E+22	1,033248E+22	8,133012E+21	8,133180E+21	1,033297E+22	1,399825E+22
-610	1,798063E+22	2,121289E+22	2,299517E+22	2,299498E+22	2,121263E+22	1,798042E+22	1,399795E+22	1,033266E+22	8,133001E+21	8,133020E+21	1,033265E+22	1,399769E+22
-609	1,797976E+22	2,121192E+22	2,299480E+22	2,299542E+22	2,121325E+22	1,798094E+22	1,399837E+22	1,033296E+22	8,133125E+21	8,132988E+21	1,033259E+22	1,399795E+22
-608	1,798079E+22	2,121337E+22	2,299564E+22	2,299545E+22	2,121283E+22	1,798035E+22	1,399776E+22	1,033243E+22	8,132815E+21	8,132940E+21	1,033275E+22	1,399804E+22
-607	1,798045E+22	2,121270E+22	2,299488E+22	2,299487E+22	2,121272E+22	1,798054E+22	1,399805E+22	1,033262E+22	8,132737E+21	8,132555E+21	1,033211E+22	1,399735E+22
-606	1,798002E+22	2,121287E+22	2,299574E+22	2,299581E+22	2,121320E+22	1,798060E+22	1,399783E+22	1,033233E+22	8,132516E+21	8,132490E+21	1,033232E+22	1,399800E+22
-605	1,798104E+22	2,121372E+22	2,299617E+22	2,299580E+22	2,121278E+22	1,798004E+22	1,399731E+22	1,033187E+22	8,132156E+21	8,132267E+21	1,033217E+22	1,399761E+22
-604	1,798018E+22	2,121257E+22	2,299526E+22	2,299584E+22	2,121353E+22	1,798081E+22	1,399782E+22	1,033206E+22	8,132002E+21	8,131868E+21	1,033170E+22	1,399732E+22
-603	1,798039E+22	2,121351E+22	2,299643E+22	2,299657E+22	2,121382E+22	1,798072E+22	1,399742E+22	1,033156E+22	8,131654E+21	8,131786E+21	1,033198E+22	1,399801E+22
-602	1,798112E+22	2,121380E+22	2,299619E+22	2,299578E+22	2,121304E+22	1,798048E+22	1,399749E+22	1,033159E+22	8,131540E+21	8,131553E+21	1,033157E+22	1,399728E+22
-601	1,798014E+22	2,121273E+22	2,299562E+22	2,299607E+22	2,121357E+22	1,798093E+22	1,399797E+22	1,033208E+22	8,131885E+21	8,131670E+21	1,033148E+22	1,399723E+22
-600	1,798068E+22	2,121397E+22	2,299665E+22	2,299649E+22	2,121350E+22	1,798046E+22	1,399737E+22	1,033168E+22	8,131859E+21	8,131995E+21	1,033203E+22	1,399768E+22
-599	1,798048E+22	2,121314E+22	2,299561E+22	2,299557E+22	2,121314E+22	1,798055E+22	1,399766E+22	1,033202E+22	8,132103E+21	8,132055E+21	1,033184E+22	1,399725E+22
-598	1,797987E+22	2,121254E+22	2,299550E+22	2,299585E+22	2,121339E+22	1,798078E+22	1,399789E+22	1,033226E+22	8,132406E+21	8,132408E+21	1,033230E+22	1,399801E+22
-597	1,798101E+22	2,121357E+22	2,299589E+22	2,299558E+22	2,121270E+22	1,798007E+22	1,399746E+22	1,033213E+22	8,132532E+21	8,132707E+21	1,033261E+22	1,399798E+22
-596	1,798038E+22	2,121246E+22	2,299463E+22	2,299486E+22	2,121275E+22	1,798054E+22	1,399810E+22	1,033278E+22	8,132986E+21	8,132846E+21	1,033238E+22	1,399753E+22
-595	1,798012E+22	2,121292E+22	2,299563E+22	2,299558E+22	2,121295E+22	1,798043E+22	1,399791E+22	1,033276E+22	8,133217E+21	8,133266E+21	1,033295E+22	1,399828E+22
-594	1,798087E+22	2,121327E+22	2,299551E+22	2,299502E+22	2,121222E+22	1,797997E+22	1,399780E+22	1,033285E+22	8,133423E+21	8,133524E+21	1,033304E+22	1,399783E+22
-593	1,797975E+22	2,121169E+22	2,299424E+22	2,299484E+22	2,121278E+22	1,798065E+22	1,399846E+22	1,033347E+22	8,133888E+21	8,133726E+21	1,033302E+22	1,399780E+22
-592	1,798009E+22	2,121267E+22	2,299523E+22	2,299530E+22	2,121286E+22	1,798044E+22	1,399804E+22	1,033309E+22	8,133772E+21	8,133929E+21	1,033354E+22	1,399850E+22
-591	1,798044E+22	2,121228E+22	2,299435E+22	2,299429E+22	2,121221E+22	1,798033E+22	1,399826E+22	1,033329E+22	8,133782E+21	8,133739E+21	1,033311E+22	1,399788E+22
-590	1,797980E+22	2,121170E+22	2,299409E+22	2,299451E+22	2,121253E+22	1,798060E+22	1,399849E+22	1,033345E+22	8,133834E+21	8,133692E+21	1,033309E+22	1,399816E+22
-589	1,798075E+22	2,121322E+22	2,299532E+22	2,299490E+22	2,121217E+22	1,797989E+22	1,399777E+22	1,033290E+22	8,133521E+21	8,133624E+21	1,033322E+22	1,399818E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,798023E+22	2,121229E+22	2,299444E+22	2,299449E+22	2,121235E+22	1,798028E+22	1,399811E+22	1,033305E+22	8,133398E+21	8,133258E+21	1,033266E+22	1,399756E+22
-587	1,797978E+22	2,121241E+22	2,299538E+22	2,299560E+22	2,121301E+22	1,798045E+22	1,399786E+22	1,033265E+22	8,133059E+21	8,133080E+21	1,033279E+22	1,399824E+22
-586	1,798093E+22	2,121333E+22	2,299567E+22	2,299545E+22	2,121262E+22	1,798005E+22	1,399749E+22	1,033221E+22	8,132621E+21	8,132791E+21	1,033262E+22	1,399785E+22
-585	1,798013E+22	2,121218E+22	2,299448E+22	2,299505E+22	2,121305E+22	1,798074E+22	1,399812E+22	1,033260E+22	8,132647E+21	8,132459E+21	1,033209E+22	1,399744E+22
-584	1,798026E+22	2,121328E+22	2,299595E+22	2,299587E+22	2,121329E+22	1,798063E+22	1,399773E+22	1,033218E+22	8,132401E+21	8,132434E+21	1,033233E+22	1,399798E+22
-583	1,798075E+22	2,121331E+22	2,299572E+22	2,299536E+22	2,121265E+22	1,798027E+22	1,399772E+22	1,033224E+22	8,132403E+21	8,132351E+21	1,033201E+22	1,399730E+22
-582	1,797987E+22	2,121227E+22	2,299495E+22	2,299543E+22	2,121307E+22	1,798063E+22	1,399804E+22	1,033258E+22	8,132698E+21	8,132547E+21	1,033216E+22	1,399749E+22
-581	1,798041E+22	2,121342E+22	2,299600E+22	2,299589E+22	2,121302E+22	1,798017E+22	1,399745E+22	1,033219E+22	8,132652E+21	8,132824E+21	1,033270E+22	1,399801E+22
-580	1,798030E+22	2,121252E+22	2,299478E+22	2,299483E+22	2,121267E+22	1,798042E+22	1,399791E+22	1,033259E+22	8,132885E+21	8,132871E+21	1,033250E+22	1,399761E+22
-579	1,797979E+22	2,121212E+22	2,299493E+22	2,299527E+22	2,121289E+22	1,798054E+22	1,399806E+22	1,033282E+22	8,133167E+21	8,133140E+21	1,033281E+22	1,399823E+22
-578	1,798097E+22	2,121332E+22	2,299543E+22	2,299507E+22	2,121228E+22	1,797991E+22	1,399768E+22	1,033270E+22	8,133303E+21	8,133487E+21	1,033316E+22	1,399814E+22
-577	1,798019E+22	2,121207E+22	2,299403E+22	2,299419E+22	2,121218E+22	1,798031E+22	1,399836E+22	1,033347E+22	8,133909E+21	8,133750E+21	1,033300E+22	1,399767E+22
-576	1,797978E+22	2,121239E+22	2,299506E+22	2,299505E+22	2,121260E+22	1,798035E+22	1,399817E+22	1,033341E+22	8,134125E+21	8,134167E+21	1,033358E+22	1,399844E+22
-575	1,798046E+22	2,121248E+22	2,299473E+22	2,299453E+22	2,121203E+22	1,797997E+22	1,399808E+22	1,033347E+22	8,134294E+21	8,134400E+21	1,033367E+22	1,399811E+22
-574	1,797967E+22	2,121117E+22	2,299328E+22	2,299388E+22	2,121219E+22	1,798048E+22	1,399867E+22	1,033399E+22	8,134629E+21	8,134513E+21	1,033365E+22	1,399815E+22
-573	1,798007E+22	2,121230E+22	2,299453E+22	2,299446E+22	2,121217E+22	1,798011E+22	1,399821E+22	1,033367E+22	8,134512E+21	8,134605E+21	1,033400E+22	1,399870E+22
-572	1,798038E+22	2,121198E+22	2,299379E+22	2,299358E+22	2,121160E+22	1,798005E+22	1,399844E+22	1,033385E+22	8,134529E+21	8,134444E+21	1,033357E+22	1,399800E+22
-571	1,797961E+22	2,121141E+22	2,299387E+22	2,299419E+22	2,121204E+22	1,798022E+22	1,399850E+22	1,033388E+22	8,134494E+21	8,134337E+21	1,033351E+22	1,399825E+22
-570	1,798052E+22	2,121286E+22	2,299503E+22	2,299474E+22	2,121204E+22	1,797976E+22	1,399782E+22	1,033323E+22	8,134071E+21	8,134261E+21	1,033374E+22	1,399836E+22
-569	1,798002E+22	2,121180E+22	2,299381E+22	2,299394E+22	2,121205E+22	1,798023E+22	1,399828E+22	1,033346E+22	8,133986E+21	8,133882E+21	1,033316E+22	1,399778E+22
-568	1,797962E+22	2,121197E+22	2,299477E+22	2,299501E+22	2,121273E+22	1,798051E+22	1,399816E+22	1,033313E+22	8,133646E+21	8,133628E+21	1,033316E+22	1,399836E+22
-567	1,798076E+22	2,121287E+22	2,299507E+22	2,299497E+22	2,121239E+22	1,798004E+22	1,399779E+22	1,033277E+22	8,133308E+21	8,133388E+21	1,033293E+22	1,399791E+22
-566	1,798009E+22	2,121196E+22	2,299388E+22	2,299423E+22	2,121243E+22	1,798048E+22	1,399828E+22	1,033312E+22	8,133379E+21	8,133172E+21	1,033256E+22	1,399754E+22
-565	1,798002E+22	2,121291E+22	2,299556E+22	2,299535E+22	2,121271E+22	1,798023E+22	1,399784E+22	1,033277E+22	8,133213E+21	8,133209E+21	1,033285E+22	1,399808E+22
-564	1,798040E+22	2,121269E+22	2,299508E+22	2,299486E+22	2,121229E+22	1,798005E+22	1,399783E+22	1,033278E+22	8,133224E+21	8,133224E+21	1,033270E+22	1,399759E+22
-563	1,797958E+22	2,121163E+22	2,299435E+22	2,299491E+22	2,121268E+22	1,798041E+22	1,399811E+22	1,033302E+22	8,133404E+21	8,133318E+21	1,033280E+22	1,399787E+22
-562	1,798038E+22	2,121295E+22	2,299532E+22	2,299525E+22	2,121264E+22	1,798007E+22	1,399764E+22	1,033263E+22	8,133293E+21	8,133550E+21	1,033332E+22	1,399836E+22
-561	1,798032E+22	2,121216E+22	2,299399E+22	2,299390E+22	2,121200E+22	1,798020E+22	1,399816E+22	1,033321E+22	8,133687E+21	8,133641E+21	1,033304E+22	1,399782E+22
-560	1,797973E+22	2,121190E+22	2,299446E+22	2,299457E+22	2,121235E+22	1,798038E+22	1,399832E+22	1,033348E+22	8,134040E+21	8,133940E+21	1,033327E+22	1,399827E+22
-559	1,798065E+22	2,121283E+22	2,299499E+22	2,299471E+22	2,121199E+22	1,797976E+22	1,399792E+22	1,033339E+22	8,134250E+21	8,134378E+21	1,033368E+22	1,399820E+22
-558	1,797993E+22	2,121156E+22	2,299334E+22	2,299354E+22	2,121177E+22	1,798012E+22	1,399852E+22	1,033405E+22	8,134792E+21	8,134682E+21	1,033371E+22	1,399794E+22
-557	1,797950E+22	2,121175E+22	2,299437E+22	2,299443E+22	2,121217E+22	1,798017E+22	1,399841E+22	1,033403E+22	8,134959E+21	8,134994E+21	1,033420E+22	1,399871E+22
-556	1,798024E+22	2,121180E+22	2,299384E+22	2,299375E+22	2,121157E+22	1,797991E+22	1,399841E+22	1,033411E+22	8,135103E+21	8,135202E+21	1,033428E+22	1,399840E+22
-555	1,797955E+22	2,121075E+22	2,299271E+22	2,299318E+22	2,121161E+22	1,798023E+22	1,399885E+22	1,033454E+22	8,135358E+21	8,135203E+21	1,033413E+22	1,399836E+22
-554	1,798004E+22	2,121206E+22	2,299411E+22	2,299385E+22	2,121164E+22	1,797987E+22	1,399835E+22	1,033413E+22	8,135185E+21	8,135309E+21	1,033449E+22	1,399882E+22
-553	1,798019E+22	2,121161E+22	2,299329E+22	2,299297E+22	2,121102E+22	1,797973E+22	1,399855E+22	1,033438E+22	8,135289E+21	8,135211E+21	1,033411E+22	1,399815E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797936E+22	2,121098E+22	2,299344E+22	2,299380E+22	2,121180E+22	1,798008E+22	1,399856E+22	1,033431E+22	8,135178E+21	8,135038E+21	1,033401E+22	1,399840E+22
-551	1,798025E+22	2,121224E+22	2,299441E+22	2,299437E+22	2,121193E+22	1,797977E+22	1,399799E+22	1,033366E+22	8,134707E+21	8,134896E+21	1,033417E+22	1,399858E+22
-550	1,798002E+22	2,121143E+22	2,299310E+22	2,299317E+22	2,121159E+22	1,798011E+22	1,399845E+22	1,033386E+22	8,134556E+21	8,134474E+21	1,033361E+22	1,399802E+22
-549	1,797960E+22	2,121168E+22	2,299429E+22	2,299437E+22	2,121217E+22	1,798025E+22	1,399835E+22	1,033366E+22	8,134287E+21	8,134182E+21	1,033347E+22	1,399839E+22
-548	1,798055E+22	2,121250E+22	2,299460E+22	2,299441E+22	2,121193E+22	1,797987E+22	1,399800E+22	1,033333E+22	8,134045E+21	8,134083E+21	1,033336E+22	1,399793E+22
-547	1,797974E+22	2,121154E+22	2,299362E+22	2,299388E+22	2,121201E+22	1,798018E+22	1,399833E+22	1,033358E+22	8,134087E+21	8,133897E+21	1,033306E+22	1,399766E+22
-546	1,797974E+22	2,121235E+22	2,299503E+22	2,299496E+22	2,121250E+22	1,798014E+22	1,399793E+22	1,033315E+22	8,133870E+21	8,133982E+21	1,033349E+22	1,399834E+22
-545	1,798019E+22	2,121206E+22	2,299425E+22	2,299409E+22	2,121184E+22	1,797995E+22	1,399805E+22	1,033330E+22	8,133967E+21	8,134016E+21	1,033336E+22	1,399796E+22
-544	1,797954E+22	2,121117E+22	2,299362E+22	2,299416E+22	2,121225E+22	1,798032E+22	1,399835E+22	1,033358E+22	8,134154E+21	8,134042E+21	1,033331E+22	1,399812E+22
-543	1,798034E+22	2,121255E+22	2,299469E+22	2,299461E+22	2,121223E+22	1,797997E+22	1,399793E+22	1,033329E+22	8,134133E+21	8,134308E+21	1,033377E+22	1,399853E+22
-542	1,798036E+22	2,121197E+22	2,299348E+22	2,299309E+22	2,121129E+22	1,797989E+22	1,399833E+22	1,033381E+22	8,134555E+21	8,134506E+21	1,033363E+22	1,399798E+22
-541	1,797950E+22	2,121151E+22	2,299409E+22	2,299409E+22	2,121180E+22	1,798002E+22	1,399849E+22	1,033415E+22	8,134959E+21	8,134828E+21	1,033386E+22	1,399837E+22
-540	1,798026E+22	2,121216E+22	2,299433E+22	2,299423E+22	2,121174E+22	1,797968E+22	1,399813E+22	1,033402E+22	8,135168E+21	8,135335E+21	1,033440E+22	1,399846E+22
-539	1,797961E+22	2,121089E+22	2,299268E+22	2,299291E+22	2,121135E+22	1,798000E+22	1,399870E+22	1,033458E+22	8,135575E+21	8,135503E+21	1,033435E+22	1,399827E+22
-538	1,797941E+22	2,121117E+22	2,299357E+22	2,299370E+22	2,121174E+22	1,798011E+22	1,399867E+22	1,033456E+22	8,135674E+21	8,135756E+21	1,033479E+22	1,399897E+22
-537	1,798017E+22	2,121137E+22	2,299305E+22	2,299279E+22	2,121084E+22	1,797965E+22	1,399866E+22	1,033476E+22	8,135924E+21	8,135971E+21	1,033480E+22	1,399858E+22
-536	1,797943E+22	2,121043E+22	2,299221E+22	2,299250E+22	2,121103E+22	1,797996E+22	1,399900E+22	1,033512E+22	8,136158E+21	8,135948E+21	1,033457E+22	1,399840E+22
-535	1,797975E+22	2,121159E+22	2,299368E+22	2,299352E+22	2,121136E+22	1,797969E+22	1,399848E+22	1,033466E+22	8,135961E+21	8,136062E+21	1,033496E+22	1,399894E+22
-534	1,798004E+22	2,121119E+22	2,299272E+22	2,299239E+22	2,121062E+22	1,797952E+22	1,399858E+22	1,033475E+22	8,135940E+21	8,135945E+21	1,033471E+22	1,399841E+22
-533	1,797921E+22	2,121052E+22	2,299293E+22	2,299333E+22	2,121143E+22	1,797993E+22	1,399872E+22	1,033475E+22	8,135765E+21	8,135630E+21	1,033446E+22	1,399859E+22
-532	1,798012E+22	2,121175E+22	2,299375E+22	2,299382E+22	2,121166E+22	1,797978E+22	1,399825E+22	1,033415E+22	8,135324E+21	8,135491E+21	1,033459E+22	1,399873E+22
-531	1,797989E+22	2,121112E+22	2,299272E+22	2,299262E+22	2,121114E+22	1,797995E+22	1,399861E+22	1,033432E+22	8,135153E+21	8,135028E+21	1,033396E+22	1,399811E+22
-530	1,797949E+22	2,121137E+22	2,299391E+22	2,299390E+22	2,121177E+22	1,798011E+22	1,399853E+22	1,033410E+22	8,134918E+21	8,134849E+21	1,033392E+22	1,399841E+22
-529	1,798023E+22	2,121198E+22	2,299406E+22	2,299383E+22	2,121141E+22	1,797963E+22	1,399816E+22	1,033388E+22	8,134819E+21	8,134874E+21	1,033394E+22	1,399811E+22
-528	1,797948E+22	2,121098E+22	2,299299E+22	2,299335E+22	2,121171E+22	1,798007E+22	1,399843E+22	1,033405E+22	8,134824E+21	8,134675E+21	1,033366E+22	1,399792E+22
-527	1,797957E+22	2,121174E+22	2,299426E+22	2,299434E+22	2,121220E+22	1,798011E+22	1,399816E+22	1,033366E+22	8,134592E+21	8,134713E+21	1,033403E+22	1,399867E+22
-526	1,798032E+22	2,121173E+22	2,299348E+22	2,299315E+22	2,121115E+22	1,797970E+22	1,399821E+22	1,033380E+22	8,134679E+21	8,134753E+21	1,033394E+22	1,399827E+22
-525	1,797961E+22	2,121098E+22	2,299318E+22	2,299349E+22	2,121155E+22	1,797995E+22	1,399853E+22	1,033420E+22	8,134938E+21	8,134752E+21	1,033374E+22	1,399819E+22
-524	1,798016E+22	2,121219E+22	2,299425E+22	2,299409E+22	2,121177E+22	1,797976E+22	1,399814E+22	1,033394E+22	8,135023E+21	8,135162E+21	1,033430E+22	1,399856E+22
-523	1,797997E+22	2,121152E+22	2,299323E+22	2,299278E+22	2,121092E+22	1,797965E+22	1,399845E+22	1,033437E+22	8,135396E+21	8,135368E+21	1,033423E+22	1,399812E+22
-522	1,797918E+22	2,121086E+22	2,299347E+22	2,299366E+22	2,121160E+22	1,798001E+22	1,399869E+22	1,033465E+22	8,135749E+21	8,135718E+21	1,033454E+22	1,399855E+22
-521	1,797990E+22	2,121137E+22	2,299339E+22	2,299339E+22	2,121125E+22	1,797966E+22	1,399849E+22	1,033468E+22	8,136038E+21	8,136217E+21	1,033509E+22	1,399878E+22
-520	1,797947E+22	2,121028E+22	2,299181E+22	2,299210E+22	2,121089E+22	1,797993E+22	1,399900E+22	1,033524E+22	8,136425E+21	8,136310E+21	1,033491E+22	1,399849E+22
-519	1,797931E+22	2,121067E+22	2,299277E+22	2,299290E+22	2,121121E+22	1,797997E+22	1,399896E+22	1,033523E+22	8,136550E+21	8,136548E+21	1,033527E+22	1,399914E+22
-518	1,798017E+22	2,121109E+22	2,299245E+22	2,299194E+22	2,121005E+22	1,797924E+22	1,399877E+22	1,033532E+22	8,136755E+21	8,136823E+21	1,033542E+22	1,399880E+22
-517	1,797928E+22	2,121008E+22	2,299185E+22	2,299208E+22	2,121045E+22	1,797952E+22	1,399903E+22	1,033564E+22	8,136919E+21	8,136724E+21	1,033514E+22	1,399857E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797949E+22	2,121103E+22	2,299310E+22	2,299311E+22	2,121112E+22	1,797960E+22	1,399859E+22	1,033509E+22	8,136656E+21	8,136820E+21	1,033557E+22	1,399919E+22
-515	1,797984E+22	2,121075E+22	2,299229E+22	2,299195E+22	2,121029E+22	1,797943E+22	1,399869E+22	1,033508E+22	8,136464E+21	8,136519E+21	1,033517E+22	1,399868E+22
-514	1,797922E+22	2,121018E+22	2,299237E+22	2,299279E+22	2,121112E+22	1,797992E+22	1,399894E+22	1,033512E+22	8,136275E+21	8,136168E+21	1,033482E+22	1,399865E+22
-513	1,797999E+22	2,121142E+22	2,299318E+22	2,299311E+22	2,121113E+22	1,797965E+22	1,399854E+22	1,033472E+22	8,136004E+21	8,136094E+21	1,033495E+22	1,399876E+22
-512	1,797968E+22	2,121078E+22	2,299230E+22	2,299218E+22	2,121075E+22	1,797978E+22	1,399878E+22	1,033485E+22	8,135877E+21	8,135694E+21	1,033434E+22	1,399809E+22
-511	1,797914E+22	2,121080E+22	2,299335E+22	2,299355E+22	2,121155E+22	1,798003E+22	1,399872E+22	1,033464E+22	8,135671E+21	8,135577E+21	1,033442E+22	1,399856E+22
-510	1,798006E+22	2,121146E+22	2,299335E+22	2,299314E+22	2,121092E+22	1,797942E+22	1,399826E+22	1,033431E+22	8,135508E+21	8,135654E+21	1,033462E+22	1,399847E+22
-509	1,797940E+22	2,121051E+22	2,299238E+22	2,299274E+22	2,121115E+22	1,797981E+22	1,399861E+22	1,033454E+22	8,135483E+21	8,135354E+21	1,033420E+22	1,399820E+22
-508	1,797955E+22	2,121134E+22	2,299360E+22	2,299369E+22	2,121175E+22	1,797999E+22	1,399838E+22	1,033421E+22	8,135327E+21	8,135441E+21	1,033456E+22	1,399888E+22
-507	1,798026E+22	2,121156E+22	2,299316E+22	2,299256E+22	2,121056E+22	1,797942E+22	1,399832E+22	1,033429E+22	8,135390E+21	8,135451E+21	1,033439E+22	1,399840E+22
-506	1,797950E+22	2,121070E+22	2,299284E+22	2,299308E+22	2,121113E+22	1,797977E+22	1,399869E+22	1,033470E+22	8,135715E+21	8,135573E+21	1,033428E+22	1,399820E+22
-505	1,797975E+22	2,121160E+22	2,299367E+22	2,299359E+22	2,121135E+22	1,797959E+22	1,399837E+22	1,033459E+22	8,135938E+21	8,136084E+21	1,033497E+22	1,399875E+22
-504	1,797961E+22	2,121076E+22	2,299241E+22	2,299225E+22	2,121069E+22	1,797962E+22	1,399868E+22	1,033497E+22	8,136277E+21	8,136271E+21	1,033490E+22	1,399838E+22
-503	1,797894E+22	2,121007E+22	2,299246E+22	2,299291E+22	2,121126E+22	1,798007E+22	1,399907E+22	1,033532E+22	8,136609E+21	8,136557E+21	1,033517E+22	1,399889E+22
-502	1,797992E+22	2,121089E+22	2,299244E+22	2,299229E+22	2,121043E+22	1,797938E+22	1,399873E+22	1,033531E+22	8,136883E+21	8,136657E+21	1,033574E+22	1,399910E+22
-501	1,797947E+22	2,121000E+22	2,299124E+22	2,299128E+22	2,121003E+22	1,797948E+22	1,399919E+22	1,033589E+22	8,137270E+21	8,137101E+21	1,033542E+22	1,399862E+22
-500	1,797915E+22	2,121032E+22	2,299228E+22	2,299232E+22	2,121064E+22	1,797966E+22	1,399909E+22	1,033582E+22	8,137412E+21	8,137411E+21	1,033586E+22	1,399924E+22
-499	1,797987E+22	2,121074E+22	2,299216E+22	2,299159E+22	2,120965E+22	1,797894E+22	1,399876E+22	1,033572E+22	8,137451E+21	8,137575E+21	1,033600E+22	1,399902E+22
-498	1,797911E+22	2,120963E+22	2,299136E+22	2,299175E+22	2,121029E+22	1,797949E+22	1,399915E+22	1,033597E+22	8,137509E+21	8,137416E+21	1,033568E+22	1,399875E+22
-497	1,797926E+22	2,121048E+22	2,299240E+22	2,299250E+22	2,121076E+22	1,797961E+22	1,399891E+22	1,033562E+22	8,137301E+21	8,137450E+21	1,033605E+22	1,399941E+22
-496	1,797974E+22	2,121031E+22	2,299164E+22	2,299144E+22	2,121003E+22	1,797943E+22	1,399898E+22	1,033562E+22	8,137114E+21	8,137092E+21	1,033551E+22	1,399874E+22
-495	1,797908E+22	2,120981E+22	2,299177E+22	2,299222E+22	2,121076E+22	1,797991E+22	1,399928E+22	1,033572E+22	8,136992E+21	8,136781E+21	1,033516E+22	1,399868E+22
-494	1,797979E+22	2,121108E+22	2,299265E+22	2,299242E+22	2,121047E+22	1,797933E+22	1,399868E+22	1,033525E+22	8,136754E+21	8,136855E+21	1,033549E+22	1,399890E+22
-493	1,797943E+22	2,121034E+22	2,299187E+22	2,299177E+22	2,121022E+22	1,797940E+22	1,399885E+22	1,033535E+22	8,136602E+21	8,136446E+21	1,033492E+22	1,399830E+22
-492	1,797891E+22	2,121021E+22	2,299260E+22	2,299298E+22	2,121120E+22	1,797989E+22	1,399883E+22	1,033507E+22	8,136373E+21	8,136354E+21	1,033506E+22	1,399887E+22
-491	1,797993E+22	2,121108E+22	2,299281E+22	2,299253E+22	2,121043E+22	1,797921E+22	1,399834E+22	1,033467E+22	8,136073E+21	8,136278E+21	1,033516E+22	1,399883E+22
-490	1,797952E+22	2,121030E+22	2,299187E+22	2,299216E+22	2,121069E+22	1,797963E+22	1,399872E+22	1,033491E+22	8,136066E+21	8,135976E+21	1,033463E+22	1,399830E+22
-489	1,797941E+22	2,121106E+22	2,299309E+22	2,299303E+22	2,121115E+22	1,797977E+22	1,399862E+22	1,033480E+22	8,136096E+21	8,136153E+21	1,033500E+22	1,399894E+22
-488	1,798000E+22	2,121116E+22	2,299274E+22	2,299226E+22	2,121029E+22	1,797927E+22	1,399850E+22	1,033487E+22	8,136213E+21	8,136239E+21	1,033487E+22	1,399841E+22
-487	1,797911E+22	2,121008E+22	2,299219E+22	2,299268E+22	2,121096E+22	1,797979E+22	1,399898E+22	1,033535E+22	8,136590E+21	8,136421E+21	1,033487E+22	1,399837E+22
-486	1,797944E+22	2,121091E+22	2,299277E+22	2,299280E+22	2,121085E+22	1,797949E+22	1,399864E+22	1,033520E+22	8,136805E+21	8,137001E+21	1,033571E+22	1,399911E+22
-485	1,797946E+22	2,121015E+22	2,299159E+22	2,299148E+22	2,121004E+22	1,797940E+22	1,399900E+22	1,033566E+22	8,137130E+21	8,137109E+21	1,033554E+22	1,399869E+22
-484	1,797886E+22	2,120955E+22	2,299154E+22	2,299201E+22	2,121064E+22	1,797989E+22	1,399937E+22	1,033602E+22	8,137513E+21	8,137435E+21	1,033580E+22	1,399912E+22
-483	1,797980E+22	2,121065E+22	2,299197E+22	2,299152E+22	2,120968E+22	1,797900E+22	1,399885E+22	1,033587E+22	8,137690E+21	8,137875E+21	1,033632E+22	1,399933E+22
-482	1,797939E+22	2,120975E+22	2,299088E+22	2,299081E+22	2,120949E+22	1,797914E+22	1,399923E+22	1,033635E+22	8,138048E+21	8,137946E+21	1,033600E+22	1,399872E+22
-481	1,797883E+22	2,120982E+22	2,299175E+22	2,299185E+22	2,121023E+22	1,797943E+22	1,399922E+22	1,033637E+22	8,138224E+21	8,138253E+21	1,033650E+22	1,399949E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797964E+22	2,121015E+22	2,299150E+22	2,299123E+22	2,120954E+22	1,797893E+22	1,399892E+22	1,033618E+22	8,138148E+21	8,138291E+21	1,033652E+22	1,399924E+22
-479	1,797897E+22	2,120910E+22	2,299061E+22	2,299120E+22	2,121008E+22	1,797961E+22	1,399951E+22	1,033652E+22	8,138174E+21	8,138019E+21	1,033610E+22	1,399896E+22
-478	1,797922E+22	2,121012E+22	2,299169E+22	2,299167E+22	2,121014E+22	1,797942E+22	1,399918E+22	1,033619E+22	8,137994E+21	8,138090E+21	1,033648E+22	1,399956E+22
-477	1,797962E+22	2,121002E+22	2,299121E+22	2,299086E+22	2,120937E+22	1,797911E+22	1,399921E+22	1,033621E+22	8,137832E+21	8,137736E+21	1,033589E+22	1,399875E+22
-476	1,797879E+22	2,120938E+22	2,299125E+22	2,299175E+22	2,121035E+22	1,797969E+22	1,399943E+22	1,033625E+22	8,137754E+21	8,137552E+21	1,033569E+22	1,399875E+22
-475	1,797942E+22	2,121065E+22	2,299224E+22	2,299200E+22	2,121007E+22	1,797904E+22	1,399866E+22	1,033558E+22	8,137359E+21	8,137540E+21	1,033607E+22	1,399917E+22
-474	1,797928E+22	2,120989E+22	2,299130E+22	2,299130E+22	2,120993E+22	1,797928E+22	1,399889E+22	1,033562E+22	8,137144E+21	8,137106E+21	1,033546E+22	1,399855E+22
-473	1,797878E+22	2,120975E+22	2,299193E+22	2,299233E+22	2,121073E+22	1,797975E+22	1,399904E+22	1,033555E+22	8,136998E+21	8,136980E+21	1,033556E+22	1,399917E+22
-472	1,797994E+22	2,121075E+22	2,299218E+22	2,299200E+22	2,121012E+22	1,797909E+22	1,399853E+22	1,033516E+22	8,136728E+21	8,136872E+21	1,033552E+22	1,399894E+22
-471	1,797943E+22	2,121005E+22	2,299138E+22	2,299164E+22	2,121033E+22	1,797958E+22	1,399903E+22	1,033552E+22	8,136814E+21	8,136635E+21	1,033503E+22	1,399838E+22
-470	1,797918E+22	2,121067E+22	2,299259E+22	2,299243E+22	2,121055E+22	1,797946E+22	1,399881E+22	1,033541E+22	8,136940E+21	8,136995E+21	1,033560E+22	1,399908E+22
-469	1,797967E+22	2,121060E+22	2,299219E+22	2,299182E+22	2,120984E+22	1,797901E+22	1,399870E+22	1,033549E+22	8,137074E+21	8,137116E+21	1,033552E+22	1,399862E+22
-468	1,797880E+22	2,120938E+22	2,299126E+22	2,299196E+22	2,121060E+22	1,797976E+22	1,399926E+22	1,033597E+22	8,137475E+21	8,137357E+21	1,033561E+22	1,399868E+22
-467	1,797922E+22	2,121039E+22	2,299201E+22	2,299194E+22	2,121023E+22	1,797926E+22	1,399883E+22	1,033576E+22	8,137579E+21	8,137800E+21	1,033635E+22	1,399947E+22
-466	1,797950E+22	2,120984E+22	2,299092E+22	2,299070E+22	2,120940E+22	1,797912E+22	1,399915E+22	1,033621E+22	8,137939E+21	8,137925E+21	1,033608E+22	1,399884E+22
-465	1,797870E+22	2,120921E+22	2,299097E+22	2,299124E+22	2,120991E+22	1,797953E+22	1,399958E+22	1,033670E+22	8,138424E+21	8,138298E+21	1,033638E+22	1,399928E+22
-464	1,797956E+22	2,121020E+22	2,299149E+22	2,299118E+22	2,120936E+22	1,797875E+22	1,399897E+22	1,033645E+22	8,138548E+21	8,138718E+21	1,033687E+22	1,399944E+22
-463	1,797909E+22	2,120923E+22	2,299032E+22	2,299044E+22	2,120933E+22	1,797915E+22	1,399947E+22	1,033691E+22	8,138837E+21	8,138730E+21	1,033660E+22	1,399897E+22
-462	1,797859E+22	2,120922E+22	2,299101E+22	2,299118E+22	2,120980E+22	1,797933E+22	1,399947E+22	1,033691E+22	8,138975E+21	8,139036E+21	1,033713E+22	1,399981E+22
-461	1,797954E+22	2,120967E+22	2,299085E+22	2,299065E+22	2,120909E+22	1,797882E+22	1,399925E+22	1,033678E+22	8,138864E+21	8,138969E+21	1,033699E+22	1,399943E+22
-460	1,797886E+22	2,120869E+22	2,298985E+22	2,299045E+22	2,120964E+22	1,797953E+22	1,399981E+22	1,033714E+22	8,138948E+21	8,138743E+21	1,033657E+22	1,399903E+22
-459	1,797896E+22	2,120984E+22	2,299129E+22	2,299103E+22	2,120954E+22	1,797913E+22	1,399930E+22	1,033667E+22	8,138676E+21	8,138757E+21	1,033693E+22	1,399968E+22
-458	1,797943E+22	2,120970E+22	2,299085E+22	2,299046E+22	2,120894E+22	1,797877E+22	1,399919E+22	1,033660E+22	8,138501E+21	8,138465E+21	1,033639E+22	1,399884E+22
-457	1,797845E+22	2,120880E+22	2,299061E+22	2,299119E+22	2,120993E+22	1,797945E+22	1,399950E+22	1,033669E+22	8,138433E+21	8,138281E+21	1,033630E+22	1,399907E+22
-456	1,797926E+22	2,121006E+22	2,299151E+22	2,299154E+22	2,120989E+22	1,797898E+22	1,399876E+22	1,033594E+22	8,137927E+21	8,138148E+21	1,033655E+22	1,399947E+22
-455	1,797929E+22	2,120955E+22	2,299065E+22	2,299068E+22	2,120961E+22	1,797927E+22	1,399915E+22	1,033608E+22	8,137704E+21	8,137622E+21	1,033585E+22	1,399880E+22
-454	1,797882E+22	2,120954E+22	2,299138E+22	2,299154E+22	2,121008E+22	1,797946E+22	1,399921E+22	1,033607E+22	8,137670E+21	8,137598E+21	1,033596E+22	1,399930E+22
-453	1,797986E+22	2,121056E+22	2,299189E+22	2,299155E+22	2,120955E+22	1,797879E+22	1,399873E+22	1,033574E+22	8,137475E+21	8,137551E+21	1,033590E+22	1,399892E+22
-452	1,797910E+22	2,120960E+22	2,299088E+22	2,299123E+22	2,121003E+22	1,797943E+22	1,399924E+22	1,033613E+22	8,137673E+21	8,137491E+21	1,033560E+22	1,399842E+22
-451	1,797871E+22	2,121012E+22	2,299208E+22	2,299195E+22	2,121021E+22	1,797931E+22	1,399894E+22	1,033591E+22	8,137704E+21	8,137810E+21	1,033623E+22	1,399935E+22
-450	1,797944E+22	2,121001E+22	2,299148E+22	2,299122E+22	2,120950E+22	1,797893E+22	1,399889E+22	1,033599E+22	8,137849E+21	8,137958E+21	1,033616E+22	1,399888E+22
-449	1,797859E+22	2,120877E+22	2,299038E+22	2,299107E+22	2,121002E+22	1,797961E+22	1,399959E+22	1,033665E+22	8,138342E+21	8,138202E+21	1,033625E+22	1,399902E+22
-448	1,797917E+22	2,120990E+22	2,299121E+22	2,299122E+22	2,120976E+22	1,797907E+22	1,399906E+22	1,033640E+22	8,138443E+21	8,138612E+21	1,033687E+22	1,399966E+22
-447	1,797940E+22	2,120952E+22	2,299037E+22	2,299004E+22	2,120888E+22	1,797893E+22	1,399942E+22	1,033688E+22	8,138829E+21	8,138757E+21	1,033665E+22	1,399905E+22
-446	1,797849E+22	2,120878E+22	2,299044E+22	2,299061E+22	2,120927E+22	1,797911E+22	1,399967E+22	1,033731E+22	8,139343E+21	8,139240E+21	1,033708E+22	1,399956E+22
-445	1,797933E+22	2,120965E+22	2,299090E+22	2,299070E+22	2,120895E+22	1,797853E+22	1,399914E+22	1,033702E+22	8,139382E+21	8,139587E+21	1,033753E+22	1,399971E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797888E+22	2,120862E+22	2,298951E+22	2,298979E+22	2,120905E+22	1,797916E+22	1,399976E+22	1,033748E+22	8,139632E+21	8,139564E+21	1,033724E+22	1,399923E+22
-443	1,797844E+22	2,120883E+22	2,299038E+22	2,299042E+22	2,120925E+22	1,797916E+22	1,399967E+22	1,033740E+22	8,139631E+21	8,139683E+21	1,033759E+22	1,400004E+22
-442	1,797951E+22	2,120940E+22	2,299032E+22	2,298999E+22	2,120858E+22	1,797860E+22	1,399938E+22	1,033726E+22	8,139558E+21	8,139632E+21	1,033736E+22	1,399943E+22
-441	1,797859E+22	2,120831E+22	2,298936E+22	2,298980E+22	2,120908E+22	1,797927E+22	1,399999E+22	1,033771E+22	8,139709E+21	8,139462E+21	1,033703E+22	1,399912E+22
-440	1,797866E+22	2,120925E+22	2,299074E+22	2,299070E+22	2,120931E+22	1,797893E+22	1,399937E+22	1,033712E+22	8,139361E+21	8,139439E+21	1,033738E+22	1,399978E+22
-439	1,797916E+22	2,120917E+22	2,299026E+22	2,299003E+22	2,120876E+22	1,797877E+22	1,399938E+22	1,033703E+22	8,139114E+21	8,139089E+21	1,033692E+22	1,399914E+22
-438	1,797832E+22	2,120830E+22	2,298995E+22	2,299048E+22	2,120940E+22	1,797923E+22	1,399964E+22	1,033712E+22	8,139045E+21	8,138923E+21	1,033684E+22	1,399941E+22
-437	1,797930E+22	2,120973E+22	2,299097E+22	2,299093E+22	2,120937E+22	1,797880E+22	1,399900E+22	1,033644E+22	8,138542E+21	8,138725E+21	1,033694E+22	1,399963E+22
-436	1,797928E+22	2,120932E+22	2,299014E+22	2,299005E+22	2,120919E+22	1,797916E+22	1,399939E+22	1,033662E+22	8,138419E+21	8,138298E+21	1,033626E+22	1,399882E+22
-435	1,797860E+22	2,120938E+22	2,299113E+22	2,299103E+22	2,120953E+22	1,797917E+22	1,399931E+22	1,033654E+22	8,138359E+21	8,138278E+21	1,033639E+22	1,399936E+22
-434	1,797960E+22	2,121018E+22	2,299156E+22	2,299126E+22	2,120928E+22	1,797855E+22	1,399876E+22	1,033620E+22	8,138247E+21	8,138358E+21	1,033643E+22	1,399898E+22
-433	1,797868E+22	2,120891E+22	2,299019E+22	2,299065E+22	2,120971E+22	1,797932E+22	1,399943E+22	1,033670E+22	8,138511E+21	8,138369E+21	1,033630E+22	1,399875E+22
-432	1,797847E+22	2,120929E+22	2,299115E+22	2,299135E+22	2,120998E+22	1,797930E+22	1,399920E+22	1,033647E+22	8,138484E+21	8,138603E+21	1,033683E+22	1,399966E+22
-431	1,797938E+22	2,120952E+22	2,299066E+22	2,299040E+22	2,120903E+22	1,797889E+22	1,399925E+22	1,033665E+22	8,138650E+21	8,138709E+21	1,033674E+22	1,399921E+22
-430	1,797856E+22	2,120839E+22	2,298967E+22	2,299008E+22	2,120916E+22	1,797921E+22	1,399979E+22	1,033733E+22	8,139248E+21	8,139069E+21	1,033685E+22	1,399927E+22
-429	1,797910E+22	2,120959E+22	2,299077E+22	2,299057E+22	2,120906E+22	1,797871E+22	1,399926E+22	1,033705E+22	8,139356E+21	8,139502E+21	1,033745E+22	1,399978E+22
-428	1,797915E+22	2,120906E+22	2,298982E+22	2,298951E+22	2,120849E+22	1,797872E+22	1,399956E+22	1,033748E+22	8,139746E+21	8,139715E+21	1,033733E+22	1,399919E+22
-427	1,797817E+22	2,120830E+22	2,298989E+22	2,299006E+22	2,120888E+22	1,797893E+22	1,399976E+22	1,033777E+22	8,140094E+21	8,140055E+21	1,033772E+22	1,399986E+22
-426	1,797921E+22	2,120916E+22	2,299029E+22	2,299018E+22	2,120865E+22	1,797844E+22	1,399929E+22	1,033750E+22	8,140117E+21	8,140342E+21	1,033806E+22	1,399990E+22
-425	1,797869E+22	2,120808E+22	2,298876E+22	2,298902E+22	2,120857E+22	1,797908E+22	1,400008E+22	1,033813E+22	8,140417E+21	8,140297E+21	1,033775E+22	1,399945E+22
-424	1,797831E+22	2,120829E+22	2,298970E+22	2,298985E+22	2,120889E+22	1,797907E+22	1,399994E+22	1,033799E+22	8,140383E+21	8,140358E+21	1,033798E+22	1,400006E+22
-423	1,797930E+22	2,120904E+22	2,298986E+22	2,298944E+22	2,120813E+22	1,797848E+22	1,399965E+22	1,033785E+22	8,140303E+21	8,140326E+21	1,033785E+22	1,399955E+22
-422	1,797829E+22	2,120779E+22	2,298881E+22	2,298917E+22	2,120848E+22	1,797889E+22	1,400004E+22	1,033821E+22	8,140476E+21	8,140260E+21	1,033765E+22	1,399938E+22
-421	1,797848E+22	2,120871E+22	2,299012E+22	2,299013E+22	2,120890E+22	1,797875E+22	1,399948E+22	1,033754E+22	8,140021E+21	8,140151E+21	1,033794E+22	1,400005E+22
-420	1,797909E+22	2,120868E+22	2,298954E+22	2,298937E+22	2,120840E+22	1,797871E+22	1,399956E+22	1,033746E+22	8,139744E+21	8,139762E+21	1,033744E+22	1,399938E+22
-419	1,797833E+22	2,120812E+22	2,298950E+22	2,298982E+22	2,120884E+22	1,797897E+22	1,399972E+22	1,033749E+22	8,139579E+21	8,139454E+21	1,033722E+22	1,399961E+22
-418	1,797935E+22	2,120961E+22	2,299069E+22	2,299047E+22	2,120893E+22	1,797853E+22	1,399904E+22	1,033686E+22	8,139178E+21	8,139317E+21	1,033724E+22	1,399957E+22
-417	1,797899E+22	2,120898E+22	2,298983E+22	2,298963E+22	2,120878E+22	1,797897E+22	1,399956E+22	1,033716E+22	8,139162E+21	8,139019E+21	1,033673E+22	1,399888E+22
-416	1,797824E+22	2,120870E+22	2,299061E+22	2,299082E+22	2,120946E+22	1,797911E+22	1,399946E+22	1,033703E+22	8,139085E+21	8,139012E+21	1,033687E+22	1,399942E+22
-415	1,797924E+22	2,120954E+22	2,299089E+22	2,299077E+22	2,120913E+22	1,797868E+22	1,399908E+22	1,033675E+22	8,138971E+21	8,139102E+21	1,033705E+22	1,399930E+22
-414	1,797848E+22	2,120825E+22	2,298935E+22	2,298979E+22	2,120911E+22	1,797915E+22	1,399970E+22	1,033732E+22	8,139330E+21	8,139203E+21	1,033697E+22	1,399916E+22
-413	1,797850E+22	2,120880E+22	2,299032E+22	2,299043E+22	2,120931E+22	1,797912E+22	1,399951E+22	1,033713E+22	8,139328E+21	8,139410E+21	1,033739E+22	1,399989E+22
-412	1,797936E+22	2,120916E+22	2,298997E+22	2,298954E+22	2,120839E+22	1,797867E+22	1,399950E+22	1,033733E+22	8,139577E+21	8,139620E+21	1,033734E+22	1,399935E+22
-411	1,797842E+22	2,120818E+22	2,298932E+22	2,298943E+22	2,120840E+22	1,797872E+22	1,399980E+22	1,033785E+22	8,140082E+21	8,139933E+21	1,033747E+22	1,399948E+22
-410	1,797892E+22	2,120918E+22	2,299035E+22	2,299016E+22	2,120865E+22	1,797836E+22	1,399923E+22	1,033754E+22	8,140214E+21	8,140403E+21	1,033808E+22	1,399994E+22
-409	1,797882E+22	2,120842E+22	2,298916E+22	2,298894E+22	2,120817E+22	1,797864E+22	1,399976E+22	1,033804E+22	8,140575E+21	8,140597E+21	1,033803E+22	1,399953E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797801E+22	2,120758E+22	2,298907E+22	2,298951E+22	2,120865E+22	1,797896E+22	1,400004E+22	1,033832E+22	8,140832E+21	8,140779E+21	1,033821E+22	1,400004E+22
-407	1,797911E+22	2,120875E+22	2,298960E+22	2,298946E+22	2,120826E+22	1,797848E+22	1,399970E+22	1,033816E+22	8,140866E+21	8,141009E+21	1,033852E+22	1,400007E+22
-406	1,797852E+22	2,120766E+22	2,298815E+22	2,298820E+22	2,120783E+22	1,797876E+22	1,400032E+22	1,033879E+22	8,141279E+21	8,141087E+21	1,033825E+22	1,399957E+22
-405	1,797809E+22	2,120781E+22	2,298917E+22	2,298924E+22	2,120831E+22	1,797881E+22	1,400015E+22	1,033860E+22	8,141211E+21	8,141161E+21	1,033848E+22	1,400010E+22
-404	1,797896E+22	2,120846E+22	2,298924E+22	2,298893E+22	2,120780E+22	1,797833E+22	1,399979E+22	1,033837E+22	8,141092E+21	8,141170E+21	1,033847E+22	1,399971E+22
-403	1,797805E+22	2,120735E+22	2,298826E+22	2,298858E+22	2,120800E+22	1,797864E+22	1,400006E+22	1,033854E+22	8,141063E+21	8,140936E+21	1,033823E+22	1,399972E+22
-402	1,797850E+22	2,120837E+22	2,298959E+22	2,298961E+22	2,120852E+22	1,797857E+22	1,399953E+22	1,033790E+22	8,140604E+21	8,140753E+21	1,033838E+22	1,400024E+22
-401	1,797905E+22	2,120837E+22	2,298901E+22	2,298876E+22	2,120798E+22	1,797859E+22	1,399976E+22	1,033793E+22	8,140365E+21	8,140359E+21	1,033786E+22	1,399956E+22
-400	1,797828E+22	2,120776E+22	2,298907E+22	2,298947E+22	2,120857E+22	1,797888E+22	1,399990E+22	1,033795E+22	8,140197E+21	8,140017E+21	1,033752E+22	1,399957E+22
-399	1,797914E+22	2,120934E+22	2,299040E+22	2,299015E+22	2,120866E+22	1,797849E+22	1,399930E+22	1,033739E+22	8,139844E+21	8,139957E+21	1,033770E+22	1,399966E+22
-398	1,797862E+22	2,120838E+22	2,298927E+22	2,298912E+22	2,120834E+22	1,797874E+22	1,399970E+22	1,033770E+22	8,139951E+21	8,139834E+21	1,033736E+22	1,399915E+22
-397	1,797803E+22	2,120801E+22	2,298981E+22	2,299016E+22	2,120909E+22	1,797911E+22	1,399974E+22	1,033756E+22	8,139845E+21	8,139815E+21	1,033749E+22	1,399968E+22
-396	1,797911E+22	2,120895E+22	2,299001E+22	2,298992E+22	2,120863E+22	1,797862E+22	1,399938E+22	1,033735E+22	8,139764E+21	8,139920E+21	1,033766E+22	1,399955E+22
-395	1,797848E+22	2,120798E+22	2,298869E+22	2,298887E+22	2,120829E+22	1,797877E+22	1,399981E+22	1,033784E+22	8,140072E+21	8,139941E+21	1,033750E+22	1,399941E+22
-394	1,797855E+22	2,120864E+22	2,298990E+22	2,298978E+22	2,120863E+22	1,797868E+22	1,399952E+22	1,033767E+22	8,140168E+21	8,140210E+21	1,033786E+22	1,399994E+22
-393	1,797910E+22	2,120877E+22	2,298953E+22	2,298902E+22	2,120785E+22	1,797835E+22	1,399961E+22	1,033792E+22	8,140454E+21	8,140511E+21	1,033798E+22	1,399952E+22
-392	1,797811E+22	2,120752E+22	2,298877E+22	2,298917E+22	2,120824E+22	1,797862E+22	1,399994E+22	1,033836E+22	8,140870E+21	8,140752E+21	1,033805E+22	1,399962E+22
-391	1,797864E+22	2,120861E+22	2,298973E+22	2,298968E+22	2,120845E+22	1,797848E+22	1,399958E+22	1,033813E+22	8,140965E+21	8,141178E+21	1,033872E+22	1,400023E+22
-390	1,797859E+22	2,120776E+22	2,298837E+22	2,298818E+22	2,120762E+22	1,797853E+22	1,400010E+22	1,033872E+22	8,141436E+21	8,141432E+21	1,033865E+22	1,399983E+22
-389	1,797796E+22	2,120706E+22	2,298825E+22	2,298867E+22	2,120812E+22	1,797892E+22	1,400044E+22	1,033902E+22	8,141704E+21	8,141590E+21	1,033872E+22	1,400012E+22
-388	1,797890E+22	2,120831E+22	2,298892E+22	2,298867E+22	2,120768E+22	1,797835E+22	1,400002E+22	1,033886E+22	8,141789E+21	8,141894E+21	1,033907E+22	1,400012E+22
-387	1,797828E+22	2,120731E+22	2,298769E+22	2,298757E+22	2,120711E+22	1,797831E+22	1,400035E+22	1,033930E+22	8,142075E+21	8,141919E+21	1,033888E+22	1,399980E+22
-386	1,797791E+22	2,120734E+22	2,298861E+22	2,298878E+22	2,120788E+22	1,797845E+22	1,400008E+22	1,033901E+22	8,141965E+21	8,141962E+21	1,033909E+22	1,400033E+22
-385	1,797873E+22	2,120788E+22	2,298854E+22	2,298834E+22	2,120743E+22	1,797821E+22	1,399992E+22	1,033878E+22	8,141740E+21	8,141896E+21	1,033912E+22	1,400011E+22
-384	1,797805E+22	2,120686E+22	2,298761E+22	2,298812E+22	2,120771E+22	1,797857E+22	1,400022E+22	1,033890E+22	8,141574E+21	8,141457E+21	1,033861E+22	1,399991E+22
-383	1,797855E+22	2,120822E+22	2,298917E+22	2,298908E+22	2,120815E+22	1,797855E+22	1,399981E+22	1,033837E+22	8,141138E+21	8,141240E+21	1,033872E+22	1,400035E+22
-382	1,797891E+22	2,120813E+22	2,298868E+22	2,298825E+22	2,120740E+22	1,797832E+22	1,399992E+22	1,033846E+22	8,141059E+21	8,140995E+21	1,033825E+22	1,399962E+22
-381	1,797809E+22	2,120738E+22	2,298863E+22	2,298903E+22	2,120820E+22	1,797877E+22	1,400012E+22	1,033847E+22	8,140918E+21	8,140716E+21	1,033793E+22	1,399952E+22
-380	1,797870E+22	2,120873E+22	2,298978E+22	2,298971E+22	2,120845E+22	1,797849E+22	1,399954E+22	1,033793E+22	8,140609E+21	8,140745E+21	1,033825E+22	1,399976E+22
-379	1,797835E+22	2,120787E+22	2,298861E+22	2,298848E+22	2,120782E+22	1,797853E+22	1,399982E+22	1,033814E+22	8,140613E+21	8,140557E+21	1,033797E+22	1,399948E+22
-378	1,797800E+22	2,120754E+22	2,298904E+22	2,298944E+22	2,120853E+22	1,797885E+22	1,399986E+22	1,033808E+22	8,140585E+21	8,140536E+21	1,033801E+22	1,399989E+22
-377	1,797901E+22	2,120854E+22	2,298930E+22	2,298912E+22	2,120802E+22	1,797842E+22	1,399962E+22	1,033794E+22	8,140561E+21	8,140706E+21	1,033824E+22	1,399980E+22
-376	1,797841E+22	2,120761E+22	2,298820E+22	2,298837E+22	2,120777E+22	1,797850E+22	1,399994E+22	1,033836E+22	8,140842E+21	8,140697E+21	1,033797E+22	1,399947E+22
-375	1,797835E+22	2,120835E+22	2,298955E+22	2,298939E+22	2,120822E+22	1,797849E+22	1,399971E+22	1,033824E+22	8,140966E+21	8,141032E+21	1,033849E+22	1,400012E+22
-374	1,797875E+22	2,120814E+22	2,298893E+22	2,298854E+22	2,120742E+22	1,797810E+22	1,399973E+22	1,033850E+22	8,141349E+21	8,141445E+21	1,033870E+22	1,399985E+22
-373	1,797794E+22	2,120685E+22	2,298790E+22	2,298847E+22	2,120790E+22	1,797868E+22	1,400027E+22	1,033897E+22	8,141717E+21	8,141625E+21	1,033869E+22	1,399986E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797844E+22	2,120800E+22	2,298886E+22	2,298888E+22	2,120801E+22	1,797852E+22	1,400002E+22	1,033885E+22	8,141856E+21	8,142039E+21	1,033930E+22	1,400042E+22
-371	1,797850E+22	2,120743E+22	2,298768E+22	2,298732E+22	2,120685E+22	1,797822E+22	1,400032E+22	1,033935E+22	8,142275E+21	8,142238E+21	1,033920E+22	1,400003E+22
-370	1,797787E+22	2,120675E+22	2,298769E+22	2,298801E+22	2,120746E+22	1,797853E+22	1,400054E+22	1,033964E+22	8,142601E+21	8,142434E+21	1,033924E+22	1,400016E+22
-369	1,797853E+22	2,120777E+22	2,298834E+22	2,298812E+22	2,120719E+22	1,797808E+22	1,400015E+22	1,033943E+22	8,142632E+21	8,142775E+21	1,033974E+22	1,400036E+22
-368	1,797799E+22	2,120665E+22	2,298707E+22	2,298721E+22	2,120686E+22	1,797816E+22	1,400042E+22	1,033971E+22	8,142740E+21	8,142639E+21	1,033944E+22	1,400004E+22
-367	1,797779E+22	2,120694E+22	2,298805E+22	2,298828E+22	2,120758E+22	1,797845E+22	1,400032E+22	1,033945E+22	8,142532E+21	8,142578E+21	1,033965E+22	1,400066E+22
-366	1,797866E+22	2,120744E+22	2,298788E+22	2,298768E+22	2,120691E+22	1,797801E+22	1,400012E+22	1,033929E+22	8,142390E+21	8,142516E+21	1,033958E+22	1,400040E+22
-365	1,797813E+22	2,120662E+22	2,298704E+22	2,298747E+22	2,120730E+22	1,797855E+22	1,400051E+22	1,033942E+22	8,142224E+21	8,142044E+21	1,033894E+22	1,399991E+22
-364	1,797836E+22	2,120798E+22	2,298879E+22	2,298857E+22	2,120771E+22	1,797844E+22	1,400009E+22	1,033894E+22	8,141865E+21	8,141911E+21	1,033909E+22	1,400029E+22
-363	1,797860E+22	2,120781E+22	2,298832E+22	2,298784E+22	2,120688E+22	1,797796E+22	1,399996E+22	1,033889E+22	8,141735E+21	8,141695E+21	1,033875E+22	1,399975E+22
-362	1,797782E+22	2,120687E+22	2,298803E+22	2,298863E+22	2,120791E+22	1,797853E+22	1,400012E+22	1,033889E+22	8,141631E+21	8,141453E+21	1,033848E+22	1,399968E+22
-361	1,797837E+22	2,120805E+22	2,298895E+22	2,298905E+22	2,120808E+22	1,797843E+22	1,399975E+22	1,033841E+22	8,141293E+21	8,141484E+21	1,033888E+22	1,400012E+22
-360	1,797828E+22	2,120732E+22	2,298787E+22	2,298789E+22	2,120738E+22	1,797837E+22	1,400001E+22	1,033860E+22	8,141240E+21	8,141177E+21	1,033842E+22	1,399970E+22
-359	1,797801E+22	2,120737E+22	2,298855E+22	2,298877E+22	2,120796E+22	1,797865E+22	1,400011E+22	1,033864E+22	8,141268E+21	8,141199E+21	1,033851E+22	1,400006E+22
-358	1,797882E+22	2,120820E+22	2,298884E+22	2,298851E+22	2,120734E+22	1,797803E+22	1,399974E+22	1,033854E+22	8,141412E+21	8,141531E+21	1,033881E+22	1,399998E+22
-357	1,797822E+22	2,120719E+22	2,298767E+22	2,298788E+22	2,120741E+22	1,797837E+22	1,400012E+22	1,033892E+22	8,141683E+21	8,141560E+21	1,033856E+22	1,399956E+22
-356	1,797797E+22	2,120774E+22	2,298889E+22	2,298888E+22	2,120797E+22	1,797850E+22	1,400000E+22	1,033886E+22	8,141837E+21	8,141934E+21	1,033914E+22	1,400032E+22
-355	1,797854E+22	2,120761E+22	2,298820E+22	2,298788E+22	2,120693E+22	1,797793E+22	1,399995E+22	1,033906E+22	8,142146E+21	8,142280E+21	1,033937E+22	1,400021E+22
-354	1,797791E+22	2,120639E+22	2,298710E+22	2,298773E+22	2,120739E+22	1,797848E+22	1,400051E+22	1,033963E+22	8,142601E+21	8,142447E+21	1,033925E+22	1,400003E+22
-353	1,797822E+22	2,120750E+22	2,298808E+22	2,298806E+22	2,120743E+22	1,797838E+22	1,400035E+22	1,033957E+22	8,142772E+21	8,142914E+21	1,033992E+22	1,400063E+22
-352	1,797831E+22	2,120695E+22	2,298714E+22	2,298678E+22	2,120629E+22	1,797793E+22	1,400051E+22	1,033996E+22	8,143114E+21	8,143056E+21	1,033975E+22	1,400015E+22
-351	1,797762E+22	2,120635E+22	2,298719E+22	2,298750E+22	2,120700E+22	1,797829E+22	1,400071E+22	1,034020E+22	8,143385E+21	8,143270E+21	1,033993E+22	1,400041E+22
-350	1,797821E+22	2,120713E+22	2,298763E+22	2,298751E+22	2,120672E+22	1,797782E+22	1,400025E+22	1,033994E+22	8,143426E+21	8,143621E+21	1,034044E+22	1,400078E+22
-349	1,797797E+22	2,120617E+22	2,298627E+22	2,298645E+22	2,120647E+22	1,797815E+22	1,400064E+22	1,034016E+22	8,143401E+21	8,143329E+21	1,033995E+22	1,400027E+22
-348	1,797773E+22	2,120660E+22	2,298742E+22	2,298759E+22	2,120713E+22	1,797838E+22	1,400062E+22	1,034000E+22	8,143215E+21	8,143203E+21	1,034003E+22	1,400078E+22
-347	1,797866E+22	2,120732E+22	2,298749E+22	2,298710E+22	2,120629E+22	1,797766E+22	1,400020E+22	1,033974E+22	8,143023E+21	8,143099E+21	1,033993E+22	1,400046E+22
-346	1,797800E+22	2,120642E+22	2,298673E+22	2,298709E+22	2,120684E+22	1,797819E+22	1,400055E+22	1,033992E+22	8,142936E+21	8,142687E+21	1,033929E+22	1,399982E+22
-345	1,797787E+22	2,120741E+22	2,298831E+22	2,298824E+22	2,120747E+22	1,797833E+22	1,400025E+22	1,033943E+22	8,142568E+21	8,142637E+21	1,033962E+22	1,400040E+22
-344	1,797820E+22	2,120711E+22	2,298774E+22	2,298754E+22	2,120673E+22	1,797791E+22	1,400010E+22	1,033928E+22	8,142329E+21	8,142332E+21	1,033924E+22	1,399994E+22
-343	1,797763E+22	2,120640E+22	2,298736E+22	2,298803E+22	2,120759E+22	1,797853E+22	1,400040E+22	1,033936E+22	8,142214E+21	8,142092E+21	1,033905E+22	1,399999E+22
-342	1,797824E+22	2,120751E+22	2,298815E+22	2,298826E+22	2,120751E+22	1,797821E+22	1,399996E+22	1,033897E+22	8,142029E+21	8,142195E+21	1,033943E+22	1,400046E+22
-341	1,797835E+22	2,120705E+22	2,298718E+22	2,298706E+22	2,120685E+22	1,797825E+22	1,400024E+22	1,033916E+22	8,142003E+21	8,141906E+21	1,033889E+22	1,399981E+22
-340	1,797784E+22	2,120711E+22	2,298814E+22	2,298819E+22	2,120741E+22	1,797840E+22	1,400033E+22	1,033927E+22	8,142124E+21	8,142024E+21	1,033903E+22	1,400016E+22
-339	1,797861E+22	2,120785E+22	2,298840E+22	2,298805E+22	2,120680E+22	1,797761E+22	1,399975E+22	1,033904E+22	8,142216E+21	8,142385E+21	1,033946E+22	1,400026E+22
-338	1,797804E+22	2,120669E+22	2,298704E+22	2,298739E+22	2,120708E+22	1,797815E+22	1,400021E+22	1,033945E+22	8,142515E+21	8,142415E+21	1,033921E+22	1,399980E+22
-337	1,797769E+22	2,120708E+22	2,298804E+22	2,298817E+22	2,120760E+22	1,797850E+22	1,400034E+22	1,033947E+22	8,142655E+21	8,142777E+21	1,033980E+22	1,400065E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797841E+22	2,120706E+22	2,298747E+22	2,298723E+22	2,120647E+22	1,797782E+22	1,400025E+22	1,033969E+22	8,142935E+21	8,143021E+21	1,033986E+22	1,400038E+22
-335	1,797783E+22	2,120616E+22	2,298655E+22	2,298700E+22	2,120682E+22	1,797832E+22	1,400083E+22	1,034032E+22	8,143441E+21	8,143257E+21	1,033982E+22	1,400017E+22
-334	1,797789E+22	2,120695E+22	2,298745E+22	2,298737E+22	2,120676E+22	1,797800E+22	1,400053E+22	1,034026E+22	8,143730E+21	8,143836E+21	1,034055E+22	1,400083E+22
-333	1,797806E+22	2,120639E+22	2,298643E+22	2,298615E+22	2,120592E+22	1,797781E+22	1,400069E+22	1,034054E+22	8,143983E+21	8,143948E+21	1,034038E+22	1,400031E+22
-332	1,797730E+22	2,120576E+22	2,298653E+22	2,298689E+22	2,120661E+22	1,797819E+22	1,400094E+22	1,034077E+22	8,144190E+21	8,144096E+21	1,034053E+22	1,400069E+22
-331	1,797811E+22	2,120667E+22	2,298694E+22	2,298681E+22	2,120615E+22	1,797755E+22	1,400036E+22	1,034039E+22	8,144097E+21	8,144322E+21	1,034100E+22	1,400112E+22
-330	1,797804E+22	2,120591E+22	2,298570E+22	2,298584E+22	2,120602E+22	1,797790E+22	1,400077E+22	1,034067E+22	8,144091E+21	8,143960E+21	1,034035E+22	1,400037E+22
-329	1,797757E+22	2,120628E+22	2,298692E+22	2,298699E+22	2,120670E+22	1,797825E+22	1,400085E+22	1,034054E+22	8,143915E+21	8,143863E+21	1,034044E+22	1,400085E+22
-328	1,797840E+22	2,120693E+22	2,298720E+22	2,298684E+22	2,120597E+22	1,797745E+22	1,400033E+22	1,034020E+22	8,143662E+21	8,143711E+21	1,034030E+22	1,400046E+22
-327	1,797769E+22	2,120603E+22	2,298635E+22	2,298677E+22	2,120662E+22	1,797807E+22	1,400069E+22	1,034035E+22	8,143563E+21	8,143377E+21	1,033986E+22	1,399999E+22
-326	1,797744E+22	2,120662E+22	2,298752E+22	2,298765E+22	2,120715E+22	1,797821E+22	1,400040E+22	1,033989E+22	8,143262E+21	8,143372E+21	1,034023E+22	1,400076E+22
-325	1,797813E+22	2,120655E+22	2,298685E+22	2,298671E+22	2,120637E+22	1,797796E+22	1,400037E+22	1,033976E+22	8,142969E+21	8,142992E+21	1,033975E+22	1,400019E+22
-324	1,797760E+22	2,120607E+22	2,298670E+22	2,298720E+22	2,120700E+22	1,797838E+22	1,400069E+22	1,033994E+22	8,142933E+21	8,142753E+21	1,033947E+22	1,400019E+22
-323	1,797829E+22	2,120736E+22	2,298770E+22	2,298753E+22	2,120675E+22	1,797776E+22	1,400002E+22	1,033946E+22	8,142749E+21	8,142893E+21	1,033989E+22	1,400064E+22
-322	1,797831E+22	2,120687E+22	2,298688E+22	2,298662E+22	2,120632E+22	1,797781E+22	1,400024E+22	1,033967E+22	8,142789E+21	8,142667E+21	1,033936E+22	1,399984E+22
-321	1,797747E+22	2,120659E+22	2,298765E+22	2,298781E+22	2,120715E+22	1,797826E+22	1,400046E+22	1,033978E+22	8,142912E+21	8,142853E+21	1,033965E+22	1,400038E+22
-320	1,797829E+22	2,120722E+22	2,298786E+22	2,298772E+22	2,120662E+22	1,797756E+22	1,399994E+22	1,033952E+22	8,142922E+21	8,143120E+21	1,034002E+22	1,400049E+22
-319	1,797788E+22	2,120622E+22	2,298640E+22	2,298678E+22	2,120675E+22	1,797816E+22	1,400058E+22	1,034006E+22	8,143269E+21	8,143196E+21	1,033984E+22	1,400007E+22
-318	1,797745E+22	2,120642E+22	2,298720E+22	2,298736E+22	2,120706E+22	1,797837E+22	1,400069E+22	1,034023E+22	8,143591E+21	8,143644E+21	1,034040E+22	1,400090E+22
-317	1,797833E+22	2,120666E+22	2,298670E+22	2,298631E+22	2,120591E+22	1,797774E+22	1,400058E+22	1,034041E+22	8,143886E+21	8,143921E+21	1,034041E+22	1,400045E+22
-316	1,797751E+22	2,120569E+22	2,298598E+22	2,298627E+22	2,120618E+22	1,797804E+22	1,400110E+22	1,034106E+22	8,144438E+21	8,144216E+21	1,034044E+22	1,400033E+22
-315	1,797765E+22	2,120638E+22	2,298679E+22	2,298674E+22	2,120616E+22	1,797756E+22	1,400051E+22	1,034078E+22	8,144605E+21	8,144773E+21	1,034128E+22	1,400120E+22
-314	1,797795E+22	2,120585E+22	2,298570E+22	2,298551E+22	2,120546E+22	1,797749E+22	1,400072E+22	1,034102E+22	8,144771E+21	8,144780E+21	1,034103E+22	1,400063E+22
-313	1,797717E+22	2,120521E+22	2,298577E+22	2,298618E+22	2,120618E+22	1,797808E+22	1,400116E+22	1,034128E+22	8,144895E+21	8,144831E+21	1,034112E+22	1,400101E+22
-312	1,797809E+22	2,120633E+22	2,298646E+22	2,298628E+22	2,120571E+22	1,797737E+22	1,400054E+22	1,034087E+22	8,144717E+21	8,144894E+21	1,034136E+22	1,400121E+22
-311	1,797797E+22	2,120579E+22	2,298544E+22	2,298537E+22	2,120561E+22	1,797775E+22	1,400099E+22	1,034116E+22	8,144734E+21	8,144593E+21	1,034076E+22	1,400037E+22
-310	1,797719E+22	2,120575E+22	2,298646E+22	2,298657E+22	2,120632E+22	1,797805E+22	1,400101E+22	1,034108E+22	8,144668E+21	8,144586E+21	1,034090E+22	1,400092E+22
-309	1,797810E+22	2,120635E+22	2,298653E+22	2,298633E+22	2,120584E+22	1,797752E+22	1,400052E+22	1,034067E+22	8,144352E+21	8,144419E+21	1,034079E+22	1,400055E+22
-308	1,797735E+22	2,120543E+22	2,298569E+22	2,298616E+22	2,120631E+22	1,797809E+22	1,400098E+22	1,034088E+22	8,144254E+21	8,144062E+21	1,034036E+22	1,400026E+22
-307	1,797741E+22	2,120610E+22	2,298676E+22	2,298688E+22	2,120657E+22	1,797795E+22	1,400052E+22	1,034035E+22	8,143898E+21	8,144021E+21	1,034074E+22	1,400111E+22
-306	1,797825E+22	2,120631E+22	2,298627E+22	2,298599E+22	2,120578E+22	1,797763E+22	1,400048E+22	1,034028E+22	8,143661E+21	8,143639E+21	1,034018E+22	1,400034E+22
-305	1,797752E+22	2,120582E+22	2,298628E+22	2,298657E+22	2,120643E+22	1,797812E+22	1,400083E+22	1,034046E+22	8,143659E+21	8,143475E+21	1,033997E+22	1,400033E+22
-304	1,797808E+22	2,120704E+22	2,298750E+22	2,298724E+22	2,120634E+22	1,797744E+22	1,400007E+22	1,033991E+22	8,143436E+21	8,143589E+21	1,034036E+22	1,400073E+22
-303	1,797809E+22	2,120654E+22	2,298658E+22	2,298634E+22	2,120612E+22	1,797769E+22	1,400034E+22	1,034010E+22	8,143486E+21	8,143458E+21	1,034000E+22	1,400006E+22
-302	1,797713E+22	2,120583E+22	2,298687E+22	2,298720E+22	2,120685E+22	1,797821E+22	1,400069E+22	1,034033E+22	8,143708E+21	8,143672E+21	1,034027E+22	1,400068E+22
-301	1,797820E+22	2,120663E+22	2,298693E+22	2,298688E+22	2,120632E+22	1,797769E+22	1,400032E+22	1,034016E+22	8,143733E+21	8,143901E+21	1,034054E+22	1,400066E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797772E+22	2,120579E+22	2,298573E+22	2,298593E+22	2,120614E+22	1,797804E+22	1,400097E+22	1,034084E+22	8,144203E+21	8,144026E+21	1,034033E+22	1,400023E+22
-299	1,797733E+22	2,120595E+22	2,298652E+22	2,298650E+22	2,120625E+22	1,797793E+22	1,400083E+22	1,034089E+22	8,144534E+21	8,144559E+21	1,034100E+22	1,400108E+22
-298	1,797813E+22	2,120620E+22	2,298614E+22	2,298569E+22	2,120530E+22	1,797730E+22	1,400066E+22	1,034105E+22	8,144833E+21	8,144872E+21	1,034107E+22	1,400059E+22
-297	1,797715E+22	2,120503E+22	2,298529E+22	2,298565E+22	2,120576E+22	1,797783E+22	1,400121E+22	1,034160E+22	8,145297E+21	8,145154E+21	1,034119E+22	1,400067E+22
-296	1,797742E+22	2,120577E+22	2,298618E+22	2,298618E+22	2,120577E+22	1,797741E+22	1,400065E+22	1,034124E+22	8,145300E+21	8,145517E+21	1,034187E+22	1,400152E+22
-295	1,797796E+22	2,120552E+22	2,298516E+22	2,298493E+22	2,120508E+22	1,797740E+22	1,400094E+22	1,034150E+22	8,145433E+21	8,145486E+21	1,034159E+22	1,400088E+22
-294	1,797706E+22	2,120474E+22	2,298509E+22	2,298549E+22	2,120571E+22	1,797795E+22	1,400141E+22	1,034188E+22	8,145664E+21	8,145536E+21	1,034157E+22	1,400117E+22
-293	1,797803E+22	2,120605E+22	2,298591E+22	2,298562E+22	2,120537E+22	1,797738E+22	1,400083E+22	1,034146E+22	8,145477E+21	8,145594E+21	1,034175E+22	1,400116E+22
-292	1,797762E+22	2,120537E+22	2,298509E+22	2,298494E+22	2,120520E+22	1,797761E+22	1,400125E+22	1,034179E+22	8,145539E+21	8,145343E+21	1,034123E+22	1,400047E+22
-291	1,797690E+22	2,120509E+22	2,298580E+22	2,298603E+22	2,120590E+22	1,797779E+22	1,400106E+22	1,034152E+22	8,145385E+21	8,145355E+21	1,034150E+22	1,400119E+22
-290	1,797796E+22	2,120580E+22	2,298580E+22	2,298568E+22	2,120540E+22	1,797731E+22	1,400064E+22	1,034111E+22	8,145009E+21	8,145113E+21	1,034133E+22	1,400080E+22
-289	1,797725E+22	2,120494E+22	2,298496E+22	2,298538E+22	2,120579E+22	1,797795E+22	1,400117E+22	1,034134E+22	8,144886E+21	8,144714E+21	1,034088E+22	1,400055E+22
-288	1,797743E+22	2,120587E+22	2,298636E+22	2,298628E+22	2,120599E+22	1,797766E+22	1,400062E+22	1,034078E+22	8,144487E+21	8,144571E+21	1,034109E+22	1,400122E+22
-287	1,797826E+22	2,120625E+22	2,298609E+22	2,298557E+22	2,120530E+22	1,797734E+22	1,400055E+22	1,034069E+22	8,144296E+21	8,144305E+21	1,034063E+22	1,400038E+22
-286	1,797719E+22	2,120532E+22	2,298589E+22	2,298625E+22	2,120610E+22	1,797789E+22	1,400092E+22	1,034095E+22	8,144407E+21	8,144234E+21	1,034049E+22	1,400045E+22
-285	1,797783E+22	2,120651E+22	2,298687E+22	2,298678E+22	2,120625E+22	1,797754E+22	1,400027E+22	1,034039E+22	8,144157E+21	8,144338E+21	1,034088E+22	1,400082E+22
-284	1,797773E+22	2,120591E+22	2,298594E+22	2,298576E+22	2,120582E+22	1,797775E+22	1,400072E+22	1,034073E+22	8,144278E+21	8,144224E+21	1,034054E+22	1,400032E+22
-283	1,797704E+22	2,120518E+22	2,298599E+22	2,298640E+22	2,120631E+22	1,797805E+22	1,400094E+22	1,034095E+22	8,144534E+21	8,144485E+21	1,034086E+22	1,400095E+22
-282	1,797817E+22	2,120623E+22	2,298619E+22	2,298602E+22	2,120565E+22	1,797742E+22	1,400057E+22	1,034086E+22	8,144642E+21	8,144754E+21	1,034110E+22	1,400080E+22
-281	1,797750E+22	2,120532E+22	2,298510E+22	2,298514E+22	2,120544E+22	1,797776E+22	1,400121E+22	1,034153E+22	8,145153E+21	8,144976E+21	1,034101E+22	1,400043E+22
-280	1,797706E+22	2,120544E+22	2,298605E+22	2,298597E+22	2,120566E+22	1,797754E+22	1,400090E+22	1,034145E+22	8,145390E+21	8,145449E+21	1,034166E+22	1,400130E+22
-279	1,797793E+22	2,120572E+22	2,298559E+22	2,298519E+22	2,120491E+22	1,797708E+22	1,400073E+22	1,034150E+22	8,145624E+21	8,145791E+21	1,034184E+22	1,400093E+22
-278	1,797693E+22	2,120433E+22	2,298445E+22	2,298494E+22	2,120532E+22	1,797771E+22	1,400140E+22	1,034212E+22	8,146083E+21	8,145988E+21	1,034186E+22	1,400106E+22
-277	1,797748E+22	2,120536E+22	2,298535E+22	2,298536E+22	2,120540E+22	1,797745E+22	1,400097E+22	1,034182E+22	8,146048E+21	8,146229E+21	1,034234E+22	1,400165E+22
-276	1,797786E+22	2,120527E+22	2,298473E+22	2,298430E+22	2,120457E+22	1,797730E+22	1,400129E+22	1,034219E+22	8,146253E+21	8,146184E+21	1,034197E+22	1,400096E+22
-275	1,797694E+22	2,120436E+22	2,298460E+22	2,298491E+22	2,120512E+22	1,797762E+22	1,400155E+22	1,034245E+22	8,146474E+21	8,146304E+21	1,034203E+22	1,400119E+22
-274	1,797775E+22	2,120561E+22	2,298545E+22	2,298521E+22	2,120496E+22	1,797712E+22	1,400097E+22	1,034202E+22	8,146259E+21	8,146368E+21	1,034226E+22	1,400121E+22
-273	1,797719E+22	2,120470E+22	2,298445E+22	2,298444E+22	2,120488E+22	1,797754E+22	1,400143E+22	1,034227E+22	8,146249E+21	8,146114E+21	1,034186E+22	1,400073E+22
-272	1,797665E+22	2,120447E+22	2,298515E+22	2,298546E+22	2,120548E+22	1,797766E+22	1,400122E+22	1,034193E+22	8,145958E+21	8,145965E+21	1,034200E+22	1,400146E+22
-271	1,797797E+22	2,120550E+22	2,298527E+22	2,298510E+22	2,120498E+22	1,797718E+22	1,400080E+22	1,034151E+22	8,145584E+21	8,145745E+21	1,034184E+22	1,400103E+22
-270	1,797720E+22	2,120459E+22	2,298435E+22	2,298470E+22	2,120523E+22	1,797771E+22	1,400131E+22	1,034182E+22	8,145554E+21	8,145357E+21	1,034131E+22	1,400072E+22
-269	1,797742E+22	2,120568E+22	2,298588E+22	2,298571E+22	2,120560E+22	1,797754E+22	1,400079E+22	1,034127E+22	8,145175E+21	8,145233E+21	1,034149E+22	1,400121E+22
-268	1,797796E+22	2,120591E+22	2,298584E+22	2,298531E+22	2,120497E+22	1,797716E+22	1,400070E+22	1,034121E+22	8,145036E+21	8,145017E+21	1,034112E+22	1,400055E+22
-267	1,797697E+22	2,120468E+22	2,298520E+22	2,298574E+22	2,120574E+22	1,797768E+22	1,400098E+22	1,034137E+22	8,145120E+21	8,145009E+21	1,034110E+22	1,400071E+22
-266	1,797769E+22	2,120596E+22	2,298611E+22	2,298611E+22	2,120582E+22	1,797746E+22	1,400053E+22	1,034093E+22	8,144877E+21	8,145078E+21	1,034144E+22	1,400105E+22
-265	1,797758E+22	2,120538E+22	2,298516E+22	2,298496E+22	2,120526E+22	1,797766E+22	1,400104E+22	1,034136E+22	8,145075E+21	8,145011E+21	1,034112E+22	1,400055E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797692E+22	2,120481E+22	2,298541E+22	2,298564E+22	2,120562E+22	1,797777E+22	1,400115E+22	1,034156E+22	8,145341E+21	8,145247E+21	1,034134E+22	1,400105E+22
-263	1,797802E+22	2,120595E+22	2,298579E+22	2,298547E+22	2,120508E+22	1,797711E+22	1,400070E+22	1,034142E+22	8,145501E+21	8,145663E+21	1,034174E+22	1,400091E+22
-262	1,797714E+22	2,120467E+22	2,298443E+22	2,298458E+22	2,120495E+22	1,797747E+22	1,400132E+22	1,034212E+22	8,146062E+21	8,145920E+21	1,034171E+22	1,400070E+22
-261	1,797688E+22	2,120487E+22	2,298523E+22	2,298531E+22	2,120538E+22	1,797753E+22	1,400111E+22	1,034201E+22	8,146221E+21	8,146316E+21	1,034231E+22	1,400153E+22
-260	1,797772E+22	2,120519E+22	2,298496E+22	2,298458E+22	2,120449E+22	1,797703E+22	1,400106E+22	1,034215E+22	8,146453E+21	8,146583E+21	1,034243E+22	1,400128E+22
-259	1,797694E+22	2,120383E+22	2,298366E+22	2,298418E+22	2,120476E+22	1,797750E+22	1,400162E+22	1,034273E+22	8,146903E+21	8,146786E+21	1,034242E+22	1,400129E+22
-258	1,797746E+22	2,120511E+22	2,298480E+22	2,298465E+22	2,120479E+22	1,797725E+22	1,400126E+22	1,034250E+22	8,146892E+21	8,147013E+21	1,034282E+22	1,400169E+22
-257	1,797756E+22	2,120484E+22	2,298427E+22	2,298377E+22	2,120404E+22	1,797711E+22	1,400155E+22	1,034284E+22	8,147118E+21	8,147038E+21	1,034255E+22	1,400105E+22
-256	1,797658E+22	2,120384E+22	2,298416E+22	2,298454E+22	2,120473E+22	1,797736E+22	1,400163E+22	1,034295E+22	8,147222E+21	8,147078E+21	1,034260E+22	1,400134E+22
-255	1,797746E+22	2,120505E+22	2,298484E+22	2,298475E+22	2,120468E+22	1,797699E+22	1,400105E+22	1,034239E+22	8,146921E+21	8,147146E+21	1,034291E+22	1,400148E+22
-254	1,797695E+22	2,120399E+22	2,298356E+22	2,298372E+22	2,120444E+22	1,797743E+22	1,400162E+22	1,034272E+22	8,146893E+21	8,146796E+21	1,034243E+22	1,400109E+22
-253	1,797674E+22	2,120415E+22	2,298435E+22	2,298465E+22	2,120502E+22	1,797759E+22	1,400145E+22	1,034241E+22	8,146567E+21	8,146538E+21	1,034239E+22	1,400158E+22
-252	1,797789E+22	2,120533E+22	2,298490E+22	2,298453E+22	2,120441E+22	1,797696E+22	1,400102E+22	1,034206E+22	8,146260E+21	8,146323E+21	1,034219E+22	1,400116E+22
-251	1,797713E+22	2,120429E+22	2,298394E+22	2,298423E+22	2,120471E+22	1,797735E+22	1,400133E+22	1,034224E+22	8,146228E+21	8,146041E+21	1,034176E+22	1,400079E+22
-250	1,797722E+22	2,120534E+22	2,298549E+22	2,298536E+22	2,120523E+22	1,797731E+22	1,400089E+22	1,034172E+22	8,145847E+21	8,145928E+21	1,034197E+22	1,400128E+22
-249	1,797760E+22	2,120532E+22	2,298526E+22	2,298490E+22	2,120472E+22	1,797715E+22	1,400093E+22	1,034168E+22	8,145716E+21	8,145745E+21	1,034170E+22	1,400078E+22
-248	1,797675E+22	2,120416E+22	2,298458E+22	2,298519E+22	2,120535E+22	1,797759E+22	1,400121E+22	1,034186E+22	8,145766E+21	8,145658E+21	1,034159E+22	1,400092E+22
-247	1,797759E+22	2,120558E+22	2,298550E+22	2,298550E+22	2,120539E+22	1,797735E+22	1,400077E+22	1,034147E+22	8,145616E+21	8,145834E+21	1,034197E+22	1,400120E+22
-246	1,797739E+22	2,120489E+22	2,298443E+22	2,298419E+22	2,120465E+22	1,797746E+22	1,400132E+22	1,034202E+22	8,145954E+21	8,145855E+21	1,034170E+22	1,400074E+22
-245	1,797679E+22	2,120444E+22	2,298472E+22	2,298493E+22	2,120509E+22	1,797757E+22	1,400139E+22	1,034222E+22	8,146247E+21	8,146135E+21	1,034194E+22	1,400114E+22
-244	1,797766E+22	2,120543E+22	2,298529E+22	2,298500E+22	2,120463E+22	1,797687E+22	1,400089E+22	1,034207E+22	8,146429E+21	8,146579E+21	1,034243E+22	1,400125E+22
-243	1,797698E+22	2,120400E+22	2,298358E+22	2,298388E+22	2,120445E+22	1,797720E+22	1,400138E+22	1,034262E+22	8,146907E+21	8,146848E+21	1,034246E+22	1,400109E+22
-242	1,797685E+22	2,120441E+22	2,298444E+22	2,298454E+22	2,120479E+22	1,797735E+22	1,400138E+22	1,034261E+22	8,147025E+21	8,147136E+21	1,034293E+22	1,400182E+22
-241	1,797764E+22	2,120478E+22	2,298430E+22	2,298388E+22	2,120394E+22	1,797688E+22	1,400137E+22	1,034281E+22	8,147294E+21	8,147391E+21	1,034300E+22	1,400147E+22
-240	1,797681E+22	2,120356E+22	2,298322E+22	2,298357E+22	2,120416E+22	1,797723E+22	1,400182E+22	1,034333E+22	8,147705E+21	8,147536E+21	1,034288E+22	1,400133E+22
-239	1,797719E+22	2,120477E+22	2,298447E+22	2,298430E+22	2,120441E+22	1,797704E+22	1,400141E+22	1,034302E+22	8,147707E+21	8,147863E+21	1,034338E+22	1,400173E+22
-238	1,797711E+22	2,120413E+22	2,298357E+22	2,298329E+22	2,120372E+22	1,797697E+22	1,400172E+22	1,034338E+22	8,147918E+21	8,147870E+21	1,034317E+22	1,400127E+22
-237	1,797632E+22	2,120319E+22	2,298322E+22	2,298385E+22	2,120449E+22	1,797740E+22	1,400188E+22	1,034345E+22	8,147918E+21	8,147798E+21	1,034315E+22	1,400155E+22
-236	1,797723E+22	2,120451E+22	2,298415E+22	2,298413E+22	2,120428E+22	1,797693E+22	1,400134E+22	1,034294E+22	8,147591E+21	8,147763E+21	1,034340E+22	1,400184E+22
-235	1,797702E+22	2,120357E+22	2,298277E+22	2,298291E+22	2,120382E+22	1,797712E+22	1,400172E+22	1,034318E+22	8,147546E+21	8,147436E+21	1,034289E+22	1,400133E+22
-234	1,797681E+22	2,120406E+22	2,298393E+22	2,298396E+22	2,120433E+22	1,797727E+22	1,400163E+22	1,034293E+22	8,147229E+21	8,147167E+21	1,034279E+22	1,400164E+22
-233	1,797768E+22	2,120507E+22	2,298462E+22	2,298416E+22	2,120393E+22	1,797668E+22	1,400114E+22	1,034254E+22	8,146955E+21	8,147025E+21	1,034267E+22	1,400124E+22
-232	1,797683E+22	2,120394E+22	2,298364E+22	2,298396E+22	2,120440E+22	1,797709E+22	1,400134E+22	1,034261E+22	8,146839E+21	8,146694E+21	1,034225E+22	1,400093E+22
-231	1,797696E+22	2,120488E+22	2,298499E+22	2,298501E+22	2,120506E+22	1,797727E+22	1,400100E+22	1,034206E+22	8,146455E+21	8,146630E+21	1,034251E+22	1,400147E+22
-230	1,797735E+22	2,120467E+22	2,298442E+22	2,298423E+22	2,120436E+22	1,797712E+22	1,400122E+22	1,034222E+22	8,146405E+21	8,146431E+21	1,034221E+22	1,400104E+22
-229	1,797674E+22	2,120379E+22	2,298372E+22	2,298438E+22	2,120493E+22	1,797755E+22	1,400155E+22	1,034250E+22	8,146537E+21	8,146351E+21	1,034202E+22	1,400099E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797734E+22	2,120523E+22	2,298502E+22	2,298489E+22	2,120483E+22	1,797713E+22	1,400108E+22	1,034218E+22	8,146498E+21	8,146604E+21	1,034246E+22	1,400137E+22
-227	1,797718E+22	2,120437E+22	2,298379E+22	2,298358E+22	2,120403E+22	1,797704E+22	1,400138E+22	1,034262E+22	8,146863E+21	8,146791E+21	1,034237E+22	1,400095E+22
-226	1,797657E+22	2,120398E+22	2,298411E+22	2,298431E+22	2,120453E+22	1,797728E+22	1,400155E+22	1,034281E+22	8,147115E+21	8,147058E+21	1,034265E+22	1,400140E+22
-225	1,797735E+22	2,120479E+22	2,298454E+22	2,298437E+22	2,120420E+22	1,797676E+22	1,400113E+22	1,034265E+22	8,147275E+21	8,147487E+21	1,034317E+22	1,400161E+22
-224	1,797687E+22	2,120358E+22	2,298294E+22	2,298322E+22	2,120396E+22	1,797702E+22	1,400158E+22	1,034317E+22	8,147665E+21	8,147621E+21	1,034305E+22	1,400139E+22
-223	1,797685E+22	2,120413E+22	2,298387E+22	2,298391E+22	2,120434E+22	1,797719E+22	1,400158E+22	1,034317E+22	8,147837E+21	8,147950E+21	1,034346E+22	1,400195E+22
-222	1,797742E+22	2,120432E+22	2,298364E+22	2,298322E+22	2,120343E+22	1,797672E+22	1,400167E+22	1,034350E+22	8,148186E+21	8,148235E+21	1,034355E+22	1,400161E+22
-221	1,797660E+22	2,120314E+22	2,298259E+22	2,298302E+22	2,120379E+22	1,797708E+22	1,400207E+22	1,034399E+22	8,148579E+21	8,148375E+21	1,034343E+22	1,400137E+22
-220	1,797670E+22	2,120410E+22	2,298388E+22	2,298385E+22	2,120408E+22	1,797690E+22	1,400164E+22	1,034364E+22	8,148544E+21	8,148668E+21	1,034399E+22	1,400203E+22
-219	1,797688E+22	2,120337E+22	2,298261E+22	2,298251E+22	2,120325E+22	1,797677E+22	1,400184E+22	1,034385E+22	8,148656E+21	8,148674E+21	1,034384E+22	1,400165E+22
-218	1,797634E+22	2,120280E+22	2,298243E+22	2,298292E+22	2,120379E+22	1,797718E+22	1,400214E+22	1,034397E+22	8,148581E+21	8,148466E+21	1,034366E+22	1,400181E+22
-217	1,797719E+22	2,120421E+22	2,298356E+22	2,298339E+22	2,120366E+22	1,797669E+22	1,400154E+22	1,034347E+22	8,148278E+21	8,148410E+21	1,034384E+22	1,400199E+22
-216	1,797697E+22	2,120351E+22	2,298256E+22	2,298242E+22	2,120324E+22	1,797673E+22	1,400173E+22	1,034358E+22	8,148156E+21	8,148019E+21	1,034324E+22	1,400137E+22
-215	1,797663E+22	2,120387E+22	2,298378E+22	2,298378E+22	2,120405E+22	1,797699E+22	1,400160E+22	1,034326E+22	8,147856E+21	8,147838E+21	1,034321E+22	1,400165E+22
-214	1,797728E+22	2,120448E+22	2,298410E+22	2,298388E+22	2,120381E+22	1,797662E+22	1,400128E+22	1,034297E+22	8,147592E+21	8,147693E+21	1,034318E+22	1,400142E+22
-213	1,797660E+22	2,120339E+22	2,298290E+22	2,298347E+22	2,120429E+22	1,797719E+22	1,400163E+22	1,034309E+22	8,147467E+21	8,147318E+21	1,034270E+22	1,400107E+22
-212	1,797666E+22	2,120431E+22	2,298436E+22	2,298449E+22	2,120478E+22	1,797731E+22	1,400138E+22	1,034269E+22	8,147165E+21	8,147250E+21	1,034296E+22	1,400174E+22
-211	1,797728E+22	2,120417E+22	2,298358E+22	2,298339E+22	2,120380E+22	1,797691E+22	1,400143E+22	1,034282E+22	8,147209E+21	8,147208E+21	1,034275E+22	1,400125E+22
-210	1,797668E+22	2,120353E+22	2,298315E+22	2,298352E+22	2,120415E+22	1,797725E+22	1,400182E+22	1,034317E+22	8,147397E+21	8,147191E+21	1,034259E+22	1,400113E+22
-209	1,797706E+22	2,120475E+22	2,298450E+22	2,298434E+22	2,120426E+22	1,797680E+22	1,400122E+22	1,034281E+22	8,147407E+21	8,147540E+21	1,034316E+22	1,400162E+22
-208	1,797694E+22	2,120390E+22	2,298324E+22	2,298302E+22	2,120355E+22	1,797667E+22	1,400136E+22	1,034306E+22	8,147648E+21	8,147657E+21	1,034308E+22	1,400130E+22
-207	1,797644E+22	2,120350E+22	2,298350E+22	2,298375E+22	2,120417E+22	1,797710E+22	1,400161E+22	1,034323E+22	8,147867E+21	8,147912E+21	1,034332E+22	1,400173E+22
-206	1,797725E+22	2,120425E+22	2,298373E+22	2,298361E+22	2,120372E+22	1,797665E+22	1,400141E+22	1,034325E+22	8,148060E+21	8,148265E+21	1,034375E+22	1,400190E+22
-205	1,797687E+22	2,120326E+22	2,298221E+22	2,298245E+22	2,120351E+22	1,797692E+22	1,400192E+22	1,034385E+22	8,148508E+21	8,148373E+21	1,034348E+22	1,400142E+22
-204	1,797654E+22	2,120373E+22	2,298346E+22	2,298343E+22	2,120390E+22	1,797705E+22	1,400191E+22	1,034392E+22	8,148750E+21	8,148741E+21	1,034394E+22	1,400205E+22
-203	1,797710E+22	2,120369E+22	2,298294E+22	2,298261E+22	2,120297E+22	1,797644E+22	1,400181E+22	1,034412E+22	8,149109E+21	8,149162E+21	1,034419E+22	1,400176E+22
-202	1,797628E+22	2,120256E+22	2,298186E+22	2,298228E+22	2,120328E+22	1,797693E+22	1,400234E+22	1,034459E+22	8,149417E+21	8,149245E+21	1,034409E+22	1,400161E+22
-201	1,797637E+22	2,120336E+22	2,298307E+22	2,298315E+22	2,120363E+22	1,797680E+22	1,400190E+22	1,034422E+22	8,149327E+21	8,149477E+21	1,034463E+22	1,400235E+22
-200	1,797680E+22	2,120297E+22	2,298195E+22	2,298176E+22	2,120266E+22	1,797649E+22	1,400195E+22	1,034431E+22	8,149316E+21	8,149339E+21	1,034434E+22	1,400193E+22
-199	1,797639E+22	2,120262E+22	2,298200E+22	2,298233E+22	2,120327E+22	1,797690E+22	1,400218E+22	1,034439E+22	8,149250E+21	8,149144E+21	1,034409E+22	1,400192E+22
-198	1,797706E+22	2,120391E+22	2,298314E+22	2,298286E+22	2,120319E+22	1,797647E+22	1,400169E+22	1,034397E+22	8,148974E+21	8,149088E+21	1,034428E+22	1,400209E+22
-197	1,797681E+22	2,120320E+22	2,298219E+22	2,298213E+22	2,120304E+22	1,797658E+22	1,400185E+22	1,034405E+22	8,148828E+21	8,148676E+21	1,034366E+22	1,400139E+22
-196	1,797623E+22	2,120331E+22	2,298337E+22	2,298357E+22	2,120397E+22	1,797698E+22	1,400178E+22	1,034373E+22	8,148506E+21	8,148464E+21	1,034370E+22	1,400190E+22
-195	1,797707E+22	2,120377E+22	2,298325E+22	2,298324E+22	2,120353E+22	1,797657E+22	1,400146E+22	1,034341E+22	8,148245E+21	8,148384E+21	1,034372E+22	1,400171E+22
-194	1,797659E+22	2,120301E+22	2,298218E+22	2,298258E+22	2,120368E+22	1,797710E+22	1,400199E+22	1,034368E+22	8,148154E+21	8,147984E+21	1,034318E+22	1,400127E+22
-193	1,797651E+22	2,120385E+22	2,298370E+22	2,298371E+22	2,120418E+22	1,797712E+22	1,400166E+22	1,034333E+22	8,147972E+21	8,148002E+21	1,034345E+22	1,400186E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797713E+22	2,120395E+22	2,298321E+22	2,298276E+22	2,120315E+22	1,797651E+22	1,400148E+22	1,034333E+22	8,147986E+21	8,147988E+21	1,034328E+22	1,400140E+22
-191	1,797651E+22	2,120321E+22	2,298279E+22	2,298309E+22	2,120369E+22	1,797687E+22	1,400176E+22	1,034359E+22	8,148188E+21	8,148053E+21	1,034319E+22	1,400130E+22
-190	1,797676E+22	2,120410E+22	2,298378E+22	2,298375E+22	2,120392E+22	1,797666E+22	1,400137E+22	1,034331E+22	8,148184E+21	8,148372E+21	1,034383E+22	1,400196E+22
-189	1,797684E+22	2,120338E+22	2,298251E+22	2,298244E+22	2,120327E+22	1,797663E+22	1,400161E+22	1,034360E+22	8,148390E+21	8,148399E+21	1,034362E+22	1,400153E+22
-188	1,797627E+22	2,120301E+22	2,298289E+22	2,298319E+22	2,120381E+22	1,797705E+22	1,400195E+22	1,034390E+22	8,148666E+21	8,148619E+21	1,034382E+22	1,400200E+22
-187	1,797717E+22	2,120377E+22	2,298295E+22	2,298279E+22	2,120319E+22	1,797648E+22	1,400168E+22	1,034394E+22	8,148970E+21	8,149127E+21	1,034430E+22	1,400205E+22
-186	1,797672E+22	2,120296E+22	2,298172E+22	2,298165E+22	2,120278E+22	1,797671E+22	1,400228E+22	1,034460E+22	8,149464E+21	8,149292E+21	1,034408E+22	1,400149E+22
-185	1,797610E+22	2,120304E+22	2,298285E+22	2,298289E+22	2,120344E+22	1,797682E+22	1,400215E+22	1,034463E+22	8,149740E+21	8,149731E+21	1,034463E+22	1,400220E+22
-184	1,797675E+22	2,120308E+22	2,298224E+22	2,298196E+22	2,120251E+22	1,797618E+22	1,400187E+22	1,034462E+22	8,149929E+21	8,150053E+21	1,034490E+22	1,400211E+22
-183	1,797616E+22	2,120201E+22	2,298112E+22	2,298156E+22	2,120280E+22	1,797672E+22	1,400239E+22	1,034502E+22	8,150154E+21	8,150054E+21	1,034471E+22	1,400193E+22
-182	1,797632E+22	2,120284E+22	2,298224E+22	2,298230E+22	2,120307E+22	1,797663E+22	1,400213E+22	1,034477E+22	8,150036E+21	8,150171E+21	1,034515E+22	1,400264E+22
-181	1,797688E+22	2,120274E+22	2,298143E+22	2,298115E+22	2,120218E+22	1,797627E+22	1,400213E+22	1,034484E+22	8,150003E+21	8,149960E+21	1,034471E+22	1,400196E+22
-180	1,797618E+22	2,120237E+22	2,298182E+22	2,298206E+22	2,120293E+22	1,797671E+22	1,400234E+22	1,034491E+22	8,149937E+21	8,149763E+21	1,034449E+22	1,400202E+22
-179	1,797680E+22	2,120340E+22	2,298262E+22	2,298246E+22	2,120292E+22	1,797628E+22	1,400176E+22	1,034441E+22	8,149671E+21	8,149817E+21	1,034479E+22	1,400222E+22
-178	1,797656E+22	2,120274E+22	2,298166E+22	2,298156E+22	2,120271E+22	1,797660E+22	1,400213E+22	1,034452E+22	8,149472E+21	8,149358E+21	1,034418E+22	1,400157E+22
-177	1,797595E+22	2,120264E+22	2,298266E+22	2,298301E+22	2,120369E+22	1,797702E+22	1,400209E+22	1,034427E+22	8,149188E+21	8,149139E+21	1,034418E+22	1,400209E+22
-176	1,797699E+22	2,120340E+22	2,298260E+22	2,298250E+22	2,120300E+22	1,797637E+22	1,400161E+22	1,034388E+22	8,148891E+21	8,149012E+21	1,034417E+22	1,400192E+22
-175	1,797658E+22	2,120278E+22	2,298172E+22	2,298189E+22	2,120309E+22	1,797681E+22	1,400206E+22	1,034415E+22	8,148886E+21	8,148707E+21	1,034364E+22	1,400138E+22
-174	1,797634E+22	2,120343E+22	2,298318E+22	2,298306E+22	2,120358E+22	1,797682E+22	1,400182E+22	1,034389E+22	8,148755E+21	8,148784E+21	1,034400E+22	1,400202E+22
-173	1,797694E+22	2,120348E+22	2,298269E+22	2,298234E+22	2,120278E+22	1,797623E+22	1,400155E+22	1,034383E+22	8,148757E+21	8,148781E+21	1,034385E+22	1,400156E+22
-172	1,797620E+22	2,120263E+22	2,298227E+22	2,298272E+22	2,120347E+22	1,797677E+22	1,400189E+22	1,034407E+22	8,148917E+21	8,148809E+21	1,034382E+22	1,400167E+22
-171	1,797666E+22	2,120347E+22	2,298290E+22	2,298295E+22	2,120347E+22	1,797654E+22	1,400155E+22	1,034384E+22	8,148956E+21	8,149180E+21	1,034444E+22	1,400227E+22
-170	1,797687E+22	2,120307E+22	2,298186E+22	2,298154E+22	2,120260E+22	1,797652E+22	1,400200E+22	1,034428E+22	8,149218E+21	8,149183E+21	1,034414E+22	1,400168E+22
-169	1,797609E+22	2,120256E+22	2,298231E+22	2,298251E+22	2,120327E+22	1,797689E+22	1,400229E+22	1,034466E+22	8,149627E+21	8,149497E+21	1,034433E+22	1,400200E+22
-168	1,797689E+22	2,120340E+22	2,298250E+22	2,298220E+22	2,120262E+22	1,797615E+22	1,400181E+22	1,034457E+22	8,149894E+21	8,150041E+21	1,034490E+22	1,400215E+22
-167	1,797639E+22	2,120240E+22	2,298121E+22	2,298117E+22	2,120237E+22	1,797645E+22	1,400234E+22	1,034516E+22	8,150384E+21	8,150263E+21	1,034477E+22	1,400168E+22
-166	1,797571E+22	2,120219E+22	2,298193E+22	2,298216E+22	2,120305E+22	1,797676E+22	1,400241E+22	1,034522E+22	8,150588E+21	8,150634E+21	1,034536E+22	1,400256E+22
-165	1,797662E+22	2,120243E+22	2,298138E+22	2,298127E+22	2,120211E+22	1,797609E+22	1,400213E+22	1,034519E+22	8,150690E+21	8,150820E+21	1,034548E+22	1,400239E+22
-164	1,797609E+22	2,120158E+22	2,298050E+22	2,298093E+22	2,120235E+22	1,797658E+22	1,400263E+22	1,034560E+22	8,150876E+21	8,150723E+21	1,034523E+22	1,400224E+22
-163	1,797634E+22	2,120250E+22	2,298157E+22	2,298150E+22	2,120246E+22	1,797638E+22	1,400229E+22	1,034532E+22	8,150810E+21	8,150920E+21	1,034565E+22	1,400281E+22
-162	1,797684E+22	2,120260E+22	2,298115E+22	2,298057E+22	2,120156E+22	1,797604E+22	1,400236E+22	1,034539E+22	8,150747E+21	8,150696E+21	1,034520E+22	1,400204E+22
-161	1,797585E+22	2,120183E+22	2,298139E+22	2,298175E+22	2,120266E+22	1,797655E+22	1,400249E+22	1,034542E+22	8,150686E+21	8,150519E+21	1,034501E+22	1,400210E+22
-160	1,797654E+22	2,120294E+22	2,298206E+22	2,298198E+22	2,120264E+22	1,797618E+22	1,400183E+22	1,034476E+22	8,150274E+21	8,150484E+21	1,034532E+22	1,400246E+22
-159	1,797646E+22	2,120232E+22	2,298108E+22	2,298097E+22	2,120230E+22	1,797646E+22	1,400222E+22	1,034490E+22	8,150073E+21	8,149985E+21	1,034463E+22	1,400175E+22
-158	1,797584E+22	2,120211E+22	2,298186E+22	2,298220E+22	2,120316E+22	1,797692E+22	1,400237E+22	1,034481E+22	8,149849E+21	8,149758E+21	1,034460E+22	1,400223E+22
-157	1,797692E+22	2,120308E+22	2,298211E+22	2,298195E+22	2,120251E+22	1,797614E+22	1,400179E+22	1,034442E+22	8,149590E+21	8,149649E+21	1,034453E+22	1,400192E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797632E+22	2,120243E+22	2,298142E+22	2,298157E+22	2,120268E+22	1,797655E+22	1,400216E+22	1,034466E+22	8,149601E+21	8,149401E+21	1,034414E+22	1,400154E+22
-155	1,797609E+22	2,120286E+22	2,298251E+22	2,298250E+22	2,120317E+22	1,797659E+22	1,400189E+22	1,034437E+22	8,149523E+21	8,149609E+21	1,034463E+22	1,400226E+22
-154	1,797679E+22	2,120303E+22	2,298211E+22	2,298166E+22	2,120230E+22	1,797617E+22	1,400181E+22	1,034433E+22	8,149485E+21	8,149566E+21	1,034447E+22	1,400182E+22
-153	1,797600E+22	2,120201E+22	2,298157E+22	2,298213E+22	2,120309E+22	1,797672E+22	1,400219E+22	1,034468E+22	8,149716E+21	8,149599E+21	1,034437E+22	1,400186E+22
-152	1,797660E+22	2,120315E+22	2,298225E+22	2,298221E+22	2,120294E+22	1,797636E+22	1,400175E+22	1,034441E+22	8,149754E+21	8,149962E+21	1,034498E+22	1,400246E+22
-151	1,797680E+22	2,120280E+22	2,298140E+22	2,298089E+22	2,120202E+22	1,797627E+22	1,400215E+22	1,034490E+22	8,150131E+21	8,150065E+21	1,034469E+22	1,400176E+22
-150	1,797579E+22	2,120197E+22	2,298164E+22	2,298187E+22	2,120274E+22	1,797670E+22	1,400257E+22	1,034537E+22	8,150590E+21	8,150453E+21	1,034500E+22	1,400216E+22
-149	1,797654E+22	2,120270E+22	2,298182E+22	2,298175E+22	2,120227E+22	1,797596E+22	1,400198E+22	1,034519E+22	8,150801E+21	8,150971E+21	1,034559E+22	1,400238E+22
-148	1,797606E+22	2,120168E+22	2,298046E+22	2,298062E+22	2,120203E+22	1,797637E+22	1,400255E+22	1,034572E+22	8,151184E+21	8,151111E+21	1,034551E+22	1,400213E+22
-147	1,797566E+22	2,120154E+22	2,298088E+22	2,298116E+22	2,120241E+22	1,797659E+22	1,400264E+22	1,034580E+22	8,151393E+21	8,151469E+21	1,034602E+22	1,400293E+22
-146	1,797673E+22	2,120220E+22	2,298071E+22	2,298029E+22	2,120133E+22	1,797590E+22	1,400245E+22	1,034581E+22	8,151477E+21	8,151570E+21	1,034600E+22	1,400258E+22
-145	1,797601E+22	2,120130E+22	2,298008E+22	2,298037E+22	2,120181E+22	1,797633E+22	1,400283E+22	1,034621E+22	8,151701E+21	8,151491E+21	1,034567E+22	1,400226E+22
-144	1,797618E+22	2,120231E+22	2,298125E+22	2,298106E+22	2,120196E+22	1,797604E+22	1,400231E+22	1,034576E+22	8,151530E+21	8,151653E+21	1,034614E+22	1,400288E+22
-143	1,797656E+22	2,120219E+22	2,298081E+22	2,298030E+22	2,120131E+22	1,797584E+22	1,400236E+22	1,034578E+22	8,151433E+21	8,151408E+21	1,034569E+22	1,400214E+22
-142	1,797551E+22	2,120115E+22	2,298067E+22	2,298125E+22	2,120242E+22	1,797659E+22	1,400275E+22	1,034589E+22	8,151312E+21	8,151170E+21	1,034551E+22	1,400229E+22
-141	1,797632E+22	2,120233E+22	2,298136E+22	2,298149E+22	2,120234E+22	1,797614E+22	1,400210E+22	1,034525E+22	8,150874E+21	8,151049E+21	1,034571E+22	1,400258E+22
-140	1,797630E+22	2,120190E+22	2,298051E+22	2,298045E+22	2,120192E+22	1,797640E+22	1,400248E+22	1,034542E+22	8,150698E+21	8,150568E+21	1,034507E+22	1,400195E+22
-139	1,797575E+22	2,120172E+22	2,298113E+22	2,298138E+22	2,120250E+22	1,797666E+22	1,400255E+22	1,034536E+22	8,150605E+21	8,150502E+21	1,034511E+22	1,400236E+22
-138	1,797678E+22	2,120282E+22	2,298170E+22	2,298131E+22	2,120186E+22	1,797588E+22	1,400198E+22	1,034496E+22	8,150364E+21	8,150440E+21	1,034511E+22	1,400207E+22
-137	1,797602E+22	2,120186E+22	2,298088E+22	2,298120E+22	2,120236E+22	1,797633E+22	1,400224E+22	1,034515E+22	8,150385E+21	8,150231E+21	1,034476E+22	1,400174E+22
-136	1,797595E+22	2,120244E+22	2,298184E+22	2,298188E+22	2,120274E+22	1,797638E+22	1,400193E+22	1,034474E+22	8,150190E+21	8,150364E+21	1,034526E+22	1,400261E+22
-135	1,797679E+22	2,120268E+22	2,298153E+22	2,298106E+22	2,120183E+22	1,797598E+22	1,400193E+22	1,034480E+22	8,150193E+21	8,150281E+21	1,034500E+22	1,400205E+22
-134	1,797593E+22	2,120158E+22	2,298085E+22	2,298137E+22	2,120255E+22	1,797662E+22	1,400253E+22	1,034534E+22	8,150521E+21	8,150354E+21	1,034487E+22	1,400197E+22
-133	1,797641E+22	2,120275E+22	2,298178E+22	2,298173E+22	2,120247E+22	1,797618E+22	1,400203E+22	1,034508E+22	8,150624E+21	8,150763E+21	1,034545E+22	1,400246E+22
-132	1,797643E+22	2,120229E+22	2,298096E+22	2,298056E+22	2,120168E+22	1,797611E+22	1,400238E+22	1,034555E+22	8,151014E+21	8,150953E+21	1,034535E+22	1,400195E+22
-131	1,797544E+22	2,120119E+22	2,298067E+22	2,298111E+22	2,120229E+22	1,797656E+22	1,400279E+22	1,034602E+22	8,151530E+21	8,151439E+21	1,034577E+22	1,400247E+22
-130	1,797634E+22	2,120211E+22	2,298099E+22	2,298086E+22	2,120169E+22	1,797591E+22	1,400234E+22	1,034583E+22	8,151670E+21	8,151873E+21	1,034631E+22	1,400273E+22
-129	1,797592E+22	2,120106E+22	2,297962E+22	2,297985E+22	2,120148E+22	1,797619E+22	1,400284E+22	1,034638E+22	8,152053E+21	8,151956E+21	1,034610E+22	1,400239E+22
-128	1,797571E+22	2,120132E+22	2,298022E+22	2,298032E+22	2,120170E+22	1,797626E+22	1,400276E+22	1,034635E+22	8,152182E+21	8,152249E+21	1,034657E+22	1,400316E+22
-127	1,797672E+22	2,120209E+22	2,298042E+22	2,297974E+22	2,120070E+22	1,797551E+22	1,400249E+22	1,034633E+22	8,152275E+21	8,152339E+21	1,034648E+22	1,400264E+22
-126	1,797573E+22	2,120086E+22	2,297961E+22	2,297994E+22	2,120139E+22	1,797612E+22	1,400300E+22	1,034676E+22	8,152476E+21	8,152271E+21	1,034621E+22	1,400235E+22
-125	1,797582E+22	2,120171E+22	2,298078E+22	2,298085E+22	2,120181E+22	1,797595E+22	1,400243E+22	1,034621E+22	8,152207E+21	8,152345E+21	1,034663E+22	1,400300E+22
-124	1,797625E+22	2,120157E+22	2,298019E+22	2,297995E+22	2,120116E+22	1,797588E+22	1,400259E+22	1,034621E+22	8,152009E+21	8,152026E+21	1,034622E+22	1,400243E+22
-123	1,797539E+22	2,120054E+22	2,297967E+22	2,298038E+22	2,120192E+22	1,797652E+22	1,400303E+22	1,034642E+22	8,151975E+21	8,151819E+21	1,034600E+22	1,400251E+22
-122	1,797628E+22	2,120206E+22	2,298074E+22	2,298063E+22	2,120167E+22	1,797600E+22	1,400241E+22	1,034583E+22	8,151572E+21	8,151689E+21	1,034612E+22	1,400267E+22
-121	1,797609E+22	2,120153E+22	2,298006E+22	2,297993E+22	2,120138E+22	1,797611E+22	1,400265E+22	1,034598E+22	8,151469E+21	8,151298E+21	1,034550E+22	1,400199E+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	1,797558E+22	2,120148E+22	2,298070E+22	2,298086E+22	2,120196E+22	1,797627E+22	1,400252E+22	1,034576E+22	8,151298E+21	8,151256E+21	1,034568E+22	1,400255E+22
-119	1,797658E+22	2,120245E+22	2,298126E+22	2,298091E+22	2,120151E+22	1,797561E+22	1,400195E+22	1,034533E+22	8,151037E+21	8,151169E+21	1,034568E+22	1,400231E+22
-118	1,797583E+22	2,120130E+22	2,298017E+22	2,298063E+22	2,120205E+22	1,797631E+22	1,400247E+22	1,034562E+22	8,151033E+21	8,150921E+21	1,034532E+22	1,400203E+22
-117	1,797585E+22	2,120196E+22	2,298124E+22	2,298143E+22	2,120241E+22	1,797630E+22	1,400218E+22	1,034527E+22	8,150859E+21	8,150990E+21	1,034568E+22	1,400276E+22
-116	1,797668E+22	2,120234E+22	2,298102E+22	2,298059E+22	2,120148E+22	1,797592E+22	1,400224E+22	1,034540E+22	8,150930E+21	8,150985E+21	1,034550E+22	1,400222E+22
-115	1,797576E+22	2,120115E+22	2,298013E+22	2,298058E+22	2,120192E+22	1,797643E+22	1,400284E+22	1,034606E+22	8,151456E+21	8,151254E+21	1,034548E+22	1,400209E+22
-114	1,797609E+22	2,120228E+22	2,298120E+22	2,298104E+22	2,120188E+22	1,797601E+22	1,400234E+22	1,034581E+22	8,151600E+21	8,151732E+21	1,034613E+22	1,400262E+22
-113	1,797601E+22	2,120153E+22	2,298019E+22	2,298002E+22	2,120131E+22	1,797595E+22	1,400260E+22	1,034622E+22	8,151994E+21	8,151962E+21	1,034609E+22	1,400225E+22
-112	1,797532E+22	2,120068E+22	2,297974E+22	2,298018E+22	2,120164E+22	1,797629E+22	1,400291E+22	1,034654E+22	8,152358E+21	8,152345E+21	1,034651E+22	1,400289E+22
-111	1,797635E+22	2,120173E+22	2,298025E+22	2,298001E+22	2,120099E+22	1,797556E+22	1,400246E+22	1,034640E+22	8,152493E+21	8,152672E+21	1,034690E+22	1,400302E+22
-110	1,797589E+22	2,120072E+22	2,297896E+22	2,297909E+22	2,120085E+22	1,797593E+22	1,400306E+22	1,034700E+22	8,152870E+21	8,152731E+21	1,034662E+22	1,400254E+22
-109	1,797554E+22	2,120099E+22	2,297990E+22	2,297996E+22	2,120122E+22	1,797594E+22	1,400289E+22	1,034690E+22	8,152967E+21	8,152986E+21	1,034701E+22	1,400317E+22
-108	1,797637E+22	2,120164E+22	2,298010E+22	2,297960E+22	2,120053E+22	1,797540E+22	1,400264E+22	1,034682E+22	8,152984E+21	8,153087E+21	1,034705E+22	1,400278E+22
-107	1,797537E+22	2,120019E+22	2,297881E+22	2,297936E+22	2,120112E+22	1,797610E+22	1,400324E+22	1,034728E+22	8,153226E+21	8,153055E+21	1,034681E+22	1,400256E+22
-106	1,797554E+22	2,120113E+22	2,298003E+22	2,298011E+22	2,120143E+22	1,797604E+22	1,400282E+22	1,034677E+22	8,152906E+21	8,153035E+21	1,034714E+22	1,400321E+22
-105	1,797604E+22	2,120097E+22	2,297941E+22	2,297931E+22	2,120079E+22	1,797582E+22	1,400290E+22	1,034681E+22	8,152747E+21	8,152707E+21	1,034666E+22	1,400259E+22
-104	1,797541E+22	2,120032E+22	2,297896E+22	2,297948E+22	2,120124E+22	1,797621E+22	1,400315E+22	1,034690E+22	8,152663E+21	8,152499E+21	1,034648E+22	1,400271E+22
-103	1,797622E+22	2,120188E+22	2,298038E+22	2,298006E+22	2,120103E+22	1,797557E+22	1,400243E+22	1,034631E+22	8,152290E+21	8,152384E+21	1,034660E+22	1,400281E+22
-102	1,797587E+22	2,120112E+22	2,297960E+22	2,297949E+22	2,120095E+22	1,797581E+22	1,400271E+22	1,034643E+22	8,152160E+21	8,152031E+21	1,034608E+22	1,400220E+22
-101	1,797533E+22	2,120097E+22	2,298029E+22	2,298061E+22	2,120171E+22	1,797607E+22	1,400255E+22	1,034612E+22	8,151903E+21	8,151911E+21	1,034620E+22	1,400280E+22
-100	1,797644E+22	2,120202E+22	2,298074E+22	2,298054E+22	2,120132E+22	1,797561E+22	1,400214E+22	1,034571E+22	8,151576E+21	8,151777E+21	1,034622E+22	1,400262E+22
-99	1,797579E+22	2,120088E+22	2,297933E+22	2,297981E+22	2,120155E+22	1,797623E+22	1,400279E+22	1,034620E+22	8,151755E+21	8,151605E+21	1,034580E+22	1,400221E+22
-98	1,797577E+22	2,120172E+22	2,298071E+22	2,298067E+22	2,120185E+22	1,797623E+22	1,400256E+22	1,034597E+22	8,151695E+21	8,151730E+21	1,034611E+22	1,400278E+22
-97	1,797635E+22	2,120187E+22	2,298052E+22	2,298012E+22	2,120105E+22	1,797571E+22	1,400250E+22	1,034613E+22	8,151891E+21	8,151873E+21	1,034601E+22	1,400224E+22
-96	1,797545E+22	2,120068E+22	2,297944E+22	2,297991E+22	2,120139E+22	1,797612E+22	1,400295E+22	1,034665E+22	8,152368E+21	8,152214E+21	1,034620E+22	1,400234E+22
-95	1,797578E+22	2,120166E+22	2,298051E+22	2,298042E+22	2,120140E+22	1,797572E+22	1,400244E+22	1,034637E+22	8,152477E+21	8,152643E+21	1,034685E+22	1,400294E+22
-94	1,797577E+22	2,120081E+22	2,297926E+22	2,297920E+22	2,120078E+22	1,797580E+22	1,400286E+22	1,034683E+22	8,152831E+21	8,152834E+21	1,034679E+22	1,400262E+22
-93	1,797522E+22	2,120017E+22	2,297906E+22	2,297952E+22	2,120109E+22	1,797604E+22	1,400310E+22	1,034712E+22	8,153148E+21	8,153110E+21	1,034705E+22	1,400314E+22
-92	1,797630E+22	2,120145E+22	2,297975E+22	2,297944E+22	2,120053E+22	1,797538E+22	1,400267E+22	1,034697E+22	8,153258E+21	8,153446E+21	1,034746E+22	1,400321E+22
-91	1,797574E+22	2,120036E+22	2,297836E+22	2,297838E+22	2,120026E+22	1,797570E+22	1,400329E+22	1,034765E+22	8,153754E+21	8,153596E+21	1,034720E+22	1,400267E+22
-90	1,797525E+22	2,120055E+22	2,297942E+22	2,297946E+22	2,120084E+22	1,797583E+22	1,400313E+22	1,034752E+22	8,153820E+21	8,153827E+21	1,034759E+22	1,400330E+22
-89	1,797597E+22	2,120090E+22	2,297939E+22	2,297919E+22	2,120038E+22	1,797538E+22	1,400288E+22	1,034739E+22	8,153796E+21	8,153902E+21	1,034761E+22	1,400300E+22
-88	1,797525E+22	2,119969E+22	2,297793E+22	2,297849E+22	2,120060E+22	1,797596E+22	1,400343E+22	1,034775E+22	8,153903E+21	8,153780E+21	1,034740E+22	1,400288E+22
-87	1,797549E+22	2,120074E+22	2,297936E+22	2,297932E+22	2,120080E+22	1,797575E+22	1,400298E+22	1,034731E+22	8,153595E+21	8,153665E+21	1,034757E+22	1,400337E+22
-86	1,797593E+22	2,120063E+22	2,297882E+22	2,297858E+22	2,120019E+22	1,797557E+22	1,400309E+22	1,034736E+22	8,153459E+21	8,153375E+21	1,034709E+22	1,400270E+22
-85	1,797522E+22	2,120002E+22	2,297871E+22	2,297913E+22	2,120074E+22	1,797583E+22	1,400317E+22	1,034734E+22	8,153323E+21	8,153140E+21	1,034689E+22	1,400278E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797598E+22	2,120149E+22	2,298007E+22	2,297986E+22	2,120085E+22	1,797540E+22	1,400248E+22	1,034666E+22	8,152871E+21	8,153046E+21	1,034715E+22	1,400302E+22
-83	1,797566E+22	2,120060E+22	2,297894E+22	2,297893E+22	2,120065E+22	1,797574E+22	1,400288E+22	1,034687E+22	8,152801E+21	8,152718E+21	1,034663E+22	1,400247E+22
-82	1,797521E+22	2,120054E+22	2,297968E+22	2,297997E+22	2,120137E+22	1,797611E+22	1,400286E+22	1,034664E+22	8,152558E+21	8,152538E+21	1,034664E+22	1,400297E+22
-81	1,797628E+22	2,120154E+22	2,298011E+22	2,298003E+22	2,120106E+22	1,797559E+22	1,400246E+22	1,034634E+22	8,152348E+21	8,152463E+21	1,034660E+22	1,400272E+22
-80	1,797576E+22	2,120067E+22	2,297873E+22	2,297897E+22	2,120091E+22	1,797597E+22	1,400297E+22	1,034679E+22	8,152568E+21	8,152400E+21	1,034632E+22	1,400233E+22
-79	1,797551E+22	2,120131E+22	2,298026E+22	2,298008E+22	2,120123E+22	1,797585E+22	1,400270E+22	1,034662E+22	8,152604E+21	8,152594E+21	1,034667E+22	1,400287E+22
-78	1,797595E+22	2,120120E+22	2,297984E+22	2,297957E+22	2,120065E+22	1,797548E+22	1,400266E+22	1,034675E+22	8,152808E+21	8,152832E+21	1,034675E+22	1,400252E+22
-77	1,797512E+22	2,119996E+22	2,297873E+22	2,297932E+22	2,120096E+22	1,797588E+22	1,400305E+22	1,034715E+22	8,153175E+21	8,153080E+21	1,034690E+22	1,400271E+22
-76	1,797568E+22	2,120107E+22	2,297971E+22	2,297971E+22	2,120098E+22	1,797562E+22	1,400266E+22	1,034688E+22	8,153196E+21	8,153446E+21	1,034755E+22	1,400335E+22
-75	1,797579E+22	2,120038E+22	2,297839E+22	2,297820E+22	2,120007E+22	1,797557E+22	1,400313E+22	1,034748E+22	8,153679E+21	8,153655E+21	1,034738E+22	1,400288E+22
-74	1,797519E+22	2,119994E+22	2,297856E+22	2,297874E+22	2,120047E+22	1,797584E+22	1,400337E+22	1,034780E+22	8,154040E+21	8,153928E+21	1,034754E+22	1,400320E+22
-73	1,797602E+22	2,120101E+22	2,297932E+22	2,297906E+22	2,120020E+22	1,797520E+22	1,400289E+22	1,034764E+22	8,154194E+21	8,154326E+21	1,034796E+22	1,400326E+22
-72	1,797549E+22	2,119991E+22	2,297775E+22	2,297778E+22	2,119985E+22	1,797549E+22	1,400341E+22	1,034818E+22	8,154591E+21	8,154481E+21	1,034786E+22	1,400290E+22
-71	1,797495E+22	2,119993E+22	2,297878E+22	2,297891E+22	2,120048E+22	1,797568E+22	1,400333E+22	1,034808E+22	8,154600E+21	8,154597E+21	1,034815E+22	1,400352E+22
-70	1,797573E+22	2,120024E+22	2,297855E+22	2,297848E+22	2,119999E+22	1,797534E+22	1,400319E+22	1,034798E+22	8,154534E+21	8,154632E+21	1,034817E+22	1,400326E+22
-69	1,797511E+22	2,119922E+22	2,297735E+22	2,297784E+22	2,120008E+22	1,797575E+22	1,400361E+22	1,034827E+22	8,154579E+21	8,154412E+21	1,034783E+22	1,400306E+22
-68	1,797543E+22	2,120045E+22	2,297892E+22	2,297875E+22	2,120034E+22	1,797557E+22	1,400315E+22	1,034776E+22	8,154228E+21	8,154325E+21	1,034805E+22	1,400352E+22
-67	1,797577E+22	2,120026E+22	2,297831E+22	2,297793E+22	2,119960E+22	1,797527E+22	1,400322E+22	1,034788E+22	8,154202E+21	8,154127E+21	1,034763E+22	1,400287E+22
-66	1,797502E+22	2,119964E+22	2,297832E+22	2,297871E+22	2,120043E+22	1,797567E+22	1,400326E+22	1,034779E+22	8,154023E+21	8,153861E+21	1,034742E+22	1,400296E+22
-65	1,797574E+22	2,120092E+22	2,297948E+22	2,297947E+22	2,120071E+22	1,797537E+22	1,400263E+22	1,034710E+22	8,153541E+21	8,153725E+21	1,034762E+22	1,400325E+22
-64	1,797567E+22	2,120024E+22	2,297822E+22	2,297814E+22	2,120017E+22	1,797560E+22	1,400303E+22	1,034728E+22	8,153409E+21	8,153358E+21	1,034713E+22	1,400274E+22
-63	1,797520E+22	2,120025E+22	2,297918E+22	2,297932E+22	2,120082E+22	1,797584E+22	1,400304E+22	1,034720E+22	8,153249E+21	8,153145E+21	1,034700E+22	1,400302E+22
-62	1,797608E+22	2,120114E+22	2,297959E+22	2,297940E+22	2,120056E+22	1,797539E+22	1,400269E+22	1,034695E+22	8,153148E+21	8,153213E+21	1,034706E+22	1,400275E+22
-61	1,797539E+22	2,120018E+22	2,297840E+22	2,297857E+22	2,120046E+22	1,797568E+22	1,400308E+22	1,034733E+22	8,153371E+21	8,153204E+21	1,034686E+22	1,400244E+22
-60	1,797517E+22	2,120068E+22	2,297966E+22	2,297964E+22	2,120099E+22	1,797575E+22	1,400284E+22	1,034710E+22	8,153362E+21	8,153460E+21	1,034738E+22	1,400313E+22
-59	1,797567E+22	2,120047E+22	2,297890E+22	2,297871E+22	2,120016E+22	1,797539E+22	1,400292E+22	1,034735E+22	8,153654E+21	8,153727E+21	1,034747E+22	1,400291E+22
-58	1,797506E+22	2,119944E+22	2,297793E+22	2,297846E+22	2,120043E+22	1,797578E+22	1,400333E+22	1,034779E+22	8,154014E+21	8,153895E+21	1,034749E+22	1,400300E+22
-57	1,797563E+22	2,120061E+22	2,297899E+22	2,297899E+22	2,120050E+22	1,797547E+22	1,400295E+22	1,034758E+22	8,154105E+21	8,154274E+21	1,034804E+22	1,400355E+22
-56	1,797585E+22	2,120019E+22	2,297783E+22	2,297734E+22	2,119933E+22	1,797523E+22	1,400329E+22	1,034810E+22	8,154570E+21	8,154544E+21	1,034799E+22	1,400306E+22
-55	1,797500E+22	2,119960E+22	2,297821E+22	2,297826E+22	2,119988E+22	1,797544E+22	1,400350E+22	1,034846E+22	8,154954E+21	8,154808E+21	1,034812E+22	1,400328E+22
-54	1,797562E+22	2,120036E+22	2,297870E+22	2,297860E+22	2,119994E+22	1,797509E+22	1,400308E+22	1,034825E+22	8,155084E+21	8,155249E+21	1,034865E+22	1,400348E+22
-53	1,797514E+22	2,119923E+22	2,297715E+22	2,297725E+22	2,119952E+22	1,797539E+22	1,400358E+22	1,034868E+22	8,155337E+21	8,155267E+21	1,034847E+22	1,400319E+22
-52	1,797482E+22	2,119932E+22	2,297799E+22	2,297824E+22	2,120012E+22	1,797566E+22	1,400360E+22	1,034858E+22	8,155265E+21	8,155311E+21	1,034872E+22	1,400376E+22
-51	1,797566E+22	2,119978E+22	2,297774E+22	2,297755E+22	2,119933E+22	1,797515E+22	1,400347E+22	1,034861E+22	8,155315E+21	8,155359E+21	1,034866E+22	1,400345E+22
-50	1,797503E+22	2,119895E+22	2,297687E+22	2,297713E+22	2,119948E+22	1,797550E+22	1,400378E+22	1,034885E+22	8,155351E+21	8,155122E+21	1,034825E+22	1,400310E+22
-49	1,797517E+22	2,120001E+22	2,297850E+22	2,297840E+22	2,120002E+22	1,797536E+22	1,400327E+22	1,034829E+22	8,154995E+21	8,155063E+21	1,034850E+22	1,400362E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797564E+22	2,119989E+22	2,297778E+22	2,297739E+22	2,119918E+22	1,797501E+22	1,400321E+22	1,034823E+22	8,154840E+21	8,154854E+21	1,034822E+22	1,400312E+22
-47	1,797486E+22	2,119917E+22	2,297780E+22	2,297822E+22	2,120005E+22	1,797548E+22	1,400337E+22	1,034820E+22	8,154616E+21	8,154469E+21	1,034788E+22	1,400316E+22
-46	1,797560E+22	2,120040E+22	2,297881E+22	2,297890E+22	2,120042E+22	1,797536E+22	1,400287E+22	1,034759E+22	8,154170E+21	8,154343E+21	1,034806E+22	1,400342E+22
-45	1,797555E+22	2,119990E+22	2,297781E+22	2,297760E+22	2,119971E+22	1,797543E+22	1,400320E+22	1,034776E+22	8,154048E+21	8,153953E+21	1,034750E+22	1,400284E+22
-44	1,797508E+22	2,119991E+22	2,297874E+22	2,297882E+22	2,120042E+22	1,797573E+22	1,400327E+22	1,034770E+22	8,153944E+21	8,153864E+21	1,034748E+22	1,400306E+22
-43	1,797576E+22	2,120061E+22	2,297900E+22	2,297878E+22	2,120002E+22	1,797517E+22	1,400291E+22	1,034758E+22	8,154011E+21	8,154080E+21	1,034769E+22	1,400294E+22
-42	1,797510E+22	2,119957E+22	2,297775E+22	2,297798E+22	2,120008E+22	1,797555E+22	1,400324E+22	1,034790E+22	8,154226E+21	8,154086E+21	1,034753E+22	1,400270E+22
-41	1,797494E+22	2,119997E+22	2,297881E+22	2,297897E+22	2,120065E+22	1,797571E+22	1,400310E+22	1,034769E+22	8,154202E+21	8,154311E+21	1,034800E+22	1,400349E+22
-40	1,797577E+22	2,120007E+22	2,297803E+22	2,297768E+22	2,119942E+22	1,797511E+22	1,400309E+22	1,034790E+22	8,154455E+21	8,154566E+21	1,034813E+22	1,400327E+22
-39	1,797512E+22	2,119919E+22	2,297740E+22	2,297770E+22	2,119968E+22	1,797538E+22	1,400350E+22	1,034844E+22	8,154868E+21	8,154681E+21	1,034798E+22	1,400313E+22
-38	1,797548E+22	2,120026E+22	2,297851E+22	2,297840E+22	2,119996E+22	1,797521E+22	1,400315E+22	1,034824E+22	8,155030E+21	8,155165E+21	1,034861E+22	1,400361E+22
-37	1,797547E+22	2,119972E+22	2,297757E+22	2,297704E+22	2,119893E+22	1,797496E+22	1,400340E+22	1,034867E+22	8,155427E+21	8,155415E+21	1,034859E+22	1,400319E+22
-36	1,797467E+22	2,119896E+22	2,297763E+22	2,297789E+22	2,119973E+22	1,797545E+22	1,400371E+22	1,034896E+22	8,155733E+21	8,155684E+21	1,034880E+22	1,400348E+22
-35	1,797528E+22	2,119959E+22	2,297779E+22	2,297781E+22	2,119951E+22	1,797512E+22	1,400346E+22	1,034890E+22	8,155925E+21	8,156100E+21	1,034931E+22	1,400379E+22
-34	1,797500E+22	2,119865E+22	2,297631E+22	2,297647E+22	2,119908E+22	1,797537E+22	1,400392E+22	1,034934E+22	8,156154E+21	8,156037E+21	1,034900E+22	1,400341E+22
-33	1,797473E+22	2,119883E+22	2,297721E+22	2,297747E+22	2,119963E+22	1,797555E+22	1,400389E+22	1,034923E+22	8,156097E+21	8,156059E+21	1,034916E+22	1,400391E+22
-32	1,797565E+22	2,119952E+22	2,297713E+22	2,297669E+22	2,119854E+22	1,797476E+22	1,400356E+22	1,034913E+22	8,156094E+21	8,156156E+21	1,034924E+22	1,400364E+22
-31	1,797489E+22	2,119864E+22	2,297654E+22	2,297671E+22	2,119889E+22	1,797502E+22	1,400377E+22	1,034932E+22	8,156069E+21	8,155851E+21	1,034878E+22	1,400325E+22
-30	1,797492E+22	2,119948E+22	2,297793E+22	2,297798E+22	2,119974E+22	1,797520E+22	1,400333E+22	1,034868E+22	8,155655E+21	8,155791E+21	1,034909E+22	1,400386E+22
-29	1,797543E+22	2,119942E+22	2,297735E+22	2,297697E+22	2,119886E+22	1,797490E+22	1,400329E+22	1,034853E+22	8,155348E+21	8,155419E+21	1,034869E+22	1,400339E+22
-28	1,797487E+22	2,119883E+22	2,297725E+22	2,297771E+22	2,119974E+22	1,797547E+22	1,400358E+22	1,034856E+22	8,155116E+21	8,155011E+21	1,034827E+22	1,400325E+22
-27	1,797547E+22	2,120007E+22	2,297820E+22	2,297816E+22	2,119987E+22	1,797526E+22	1,400318E+22	1,034818E+22	8,154878E+21	8,154973E+21	1,034843E+22	1,400346E+22
-26	1,797535E+22	2,119958E+22	2,297739E+22	2,297710E+22	2,119929E+22	1,797529E+22	1,400341E+22	1,034836E+22	8,154839E+21	8,154679E+21	1,034791E+22	1,400282E+22
-25	1,797471E+22	2,119930E+22	2,297814E+22	2,297842E+22	2,120015E+22	1,797562E+22	1,400349E+22	1,034831E+22	8,154799E+21	8,154683E+21	1,034801E+22	1,400318E+22
-24	1,797553E+22	2,120002E+22	2,297822E+22	2,297804E+22	2,119950E+22	1,797496E+22	1,400303E+22	1,034809E+22	8,154812E+21	8,154965E+21	1,034842E+22	1,400329E+22
-23	1,797497E+22	2,119903E+22	2,297705E+22	2,297730E+22	2,119947E+22	1,797526E+22	1,400342E+22	1,034847E+22	8,154999E+21	8,154880E+21	1,034815E+22	1,400301E+22
-22	1,797487E+22	2,119947E+22	2,297803E+22	2,297820E+22	2,120011E+22	1,797554E+22	1,400335E+22	1,034830E+22	8,155034E+21	8,155141E+21	1,034862E+22	1,400375E+22
-21	1,797569E+22	2,119980E+22	2,297762E+22	2,297705E+22	2,119880E+22	1,797482E+22	1,400322E+22	1,034845E+22	8,155252E+21	8,155357E+21	1,034867E+22	1,400345E+22
-20	1,797503E+22	2,119890E+22	2,297700E+22	2,297722E+22	2,119923E+22	1,797520E+22	1,400368E+22	1,034898E+22	8,155695E+21	8,155560E+21	1,034858E+22	1,400320E+22
-19	1,797512E+22	2,119970E+22	2,297793E+22	2,297787E+22	2,119953E+22	1,797506E+22	1,400341E+22	1,034894E+22	8,155989E+21	8,156126E+21	1,034930E+22	1,400382E+22
-18	1,797515E+22	2,119904E+22	2,297681E+22	2,297652E+22	2,119869E+22	1,797494E+22	1,400364E+22	1,034929E+22	8,156334E+21	8,156335E+21	1,034926E+22	1,400344E+22
-17	1,797441E+22	2,119817E+22	2,297663E+22	2,297718E+22	2,119944E+22	1,797552E+22	1,400410E+22	1,034963E+22	8,156598E+21	8,156522E+21	1,034940E+22	1,400378E+22
-16	1,797527E+22	2,119909E+22	2,297685E+22	2,297676E+22	2,119874E+22	1,797486E+22	1,400370E+22	1,034951E+22	8,156734E+21	8,156911E+21	1,034993E+22	1,400409E+22
-15	1,797498E+22	2,119833E+22	2,297572E+22	2,297564E+22	2,119822E+22	1,797492E+22	1,400408E+22	1,034996E+22	8,156956E+21	8,156777E+21	1,034948E+22	1,400351E+22
-14	1,797455E+22	2,119847E+22	2,297669E+22	2,297686E+22	2,119903E+22	1,797523E+22	1,400402E+22	1,034979E+22	8,156903E+21	8,156863E+21	1,034970E+22	1,400400E+22
-13	1,797535E+22	2,119916E+22	2,297686E+22	2,297636E+22	2,119813E+22	1,797443E+22	1,400352E+22	1,034949E+22	8,156740E+21	8,156859E+21	1,034978E+22	1,400383E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
-12	1,797472E+22	2,119821E+22	2,297607E+22	2,297641E+22	2,119874E+22	1,797498E+22	1,400385E+22	1,034960E+22	8,156606E+21	8,156500E+21	1,034930E+22	1,400343E+22
-11	1,797471E+22	2,119896E+22	2,297726E+22	2,297740E+22	2,119940E+22	1,797520E+22	1,400361E+22	1,034917E+22	8,156264E+21	8,156392E+21	1,034955E+22	1,400409E+22
-10	1,797535E+22	2,119902E+22	2,297673E+22	2,297647E+22	2,119859E+22	1,797490E+22	1,400357E+22	1,034906E+22	8,155984E+21	8,155982E+21	1,034902E+22	1,400346E+22
-9	1,797473E+22	2,119845E+22	2,297665E+22	2,297715E+22	2,119941E+22	1,797548E+22	1,400392E+22	1,034918E+22	8,155850E+21	8,155639E+21	1,034860E+22	1,400327E+22
-8	1,797529E+22	2,119973E+22	2,297766E+22	2,297746E+22	2,119921E+22	1,797495E+22	1,400335E+22	1,034874E+22	8,155663E+21	8,155765E+21	1,034898E+22	1,400358E+22
-7	1,797506E+22	2,119912E+22	2,297692E+22	2,297666E+22	2,119873E+22	1,797489E+22	1,400351E+22	1,034892E+22	8,155645E+21	8,155503E+21	1,034853E+22	1,400301E+22
-6	1,797442E+22	2,119865E+22	2,297733E+22	2,297781E+22	2,119978E+22	1,797548E+22	1,400362E+22	1,034882E+22	8,155600E+21	8,155563E+21	1,034873E+22	1,400352E+22
-5	1,797534E+22	2,119951E+22	2,297756E+22	2,297736E+22	2,119898E+22	1,797474E+22	1,400314E+22	1,034851E+22	8,155486E+21	8,155709E+21	1,034906E+22	1,400370E+22
-4	1,797506E+22	2,119874E+22	2,297643E+22	2,297663E+22	2,119897E+22	1,797507E+22	1,400358E+22	1,034891E+22	8,155678E+21	8,155614E+21	1,034869E+22	1,400321E+22
-3	1,797480E+22	2,119918E+22	2,297744E+22	2,297743E+22	2,119943E+22	1,797530E+22	1,400361E+22	1,034897E+22	8,155893E+21	8,155946E+21	1,034914E+22	1,400388E+22
-2	1,797549E+22	2,119944E+22	2,297718E+22	2,297666E+22	2,119844E+22	1,797465E+22	1,400343E+22	1,034910E+22	8,156156E+21	8,156218E+21	1,034921E+22	1,400349E+22
-1	1,797466E+22	2,119831E+22	2,297638E+22	2,297682E+22	2,119902E+22	1,797518E+22	1,400397E+22	1,034966E+22	8,156623E+21	8,156458E+21	1,034919E+22	1,400335E+22
1	1,797480E+22	2,119899E+22	2,297704E+22	2,297707E+22	2,119903E+22	1,797495E+22	1,400367E+22	1,034956E+22	8,156879E+21	8,157065E+21	1,035004E+22	1,400414E+22
2	1,797495E+22	2,119840E+22	2,297598E+22	2,297577E+22	2,119808E+22	1,797473E+22	1,400396E+22	1,034998E+22	8,157189E+21	8,157170E+21	1,034988E+22	1,400373E+22
3	1,797429E+22	2,119760E+22	2,297567E+22	2,297627E+22	2,119883E+22	1,797535E+22	1,400439E+22	1,035031E+22	8,157480E+21	8,157376E+21	1,035001E+22	1,400400E+22
4	1,797511E+22	2,119878E+22	2,297634E+22	2,297599E+22	2,119801E+22	1,797451E+22	1,400382E+22	1,035005E+22	8,157505E+21	8,157677E+21	1,035047E+22	1,400430E+22
5	1,797490E+22	2,119809E+22	2,297536E+22	2,297516E+22	2,119767E+22	1,797458E+22	1,400413E+22	1,035039E+22	8,157675E+21	8,157566E+21	1,035003E+22	1,400361E+22
6	1,797425E+22	2,119801E+22	2,297620E+22	2,297638E+22	2,119858E+22	1,797496E+22	1,400413E+22	1,035030E+22	8,157667E+21	8,157651E+21	1,035030E+22	1,400423E+22
7	1,797513E+22	2,119864E+22	2,297626E+22	2,297602E+22	2,119801E+22	1,797440E+22	1,400365E+22	1,034991E+22	8,157394E+21	8,157538E+21	1,035028E+22	1,400404E+22
8	1,797457E+22	2,119771E+22	2,297535E+22	2,297589E+22	2,119856E+22	1,797508E+22	1,400417E+22	1,035011E+22	8,157229E+21	8,157073E+21	1,034970E+22	1,400363E+22
9	1,797469E+22	2,119862E+22	2,297656E+22	2,297659E+22	2,119881E+22	1,797504E+22	1,400386E+22	1,034970E+22	8,156925E+21	8,157008E+21	1,034997E+22	1,400423E+22
10	1,797524E+22	2,119876E+22	2,297632E+22	2,297592E+22	2,119795E+22	1,797457E+22	1,400379E+22	1,034966E+22	8,156705E+21	8,156625E+21	1,034939E+22	1,400345E+22
11	1,797442E+22	2,119801E+22	2,297610E+22	2,297665E+22	2,119897E+22	1,797526E+22	1,400410E+22	1,034975E+22	8,156654E+21	8,156444E+21	1,034915E+22	1,400333E+22
12	1,797485E+22	2,119922E+22	2,297723E+22	2,297705E+22	2,119882E+22	1,797469E+22	1,400338E+22	1,034915E+22	8,156351E+21	8,156529E+21	1,034961E+22	1,400385E+22
13	1,797487E+22	2,119859E+22	2,297627E+22	2,297615E+22	2,119843E+22	1,797479E+22	1,400361E+22	1,034927E+22	8,156283E+21	8,156271E+21	1,034917E+22	1,400331E+22
14	1,797428E+22	2,119813E+22	2,297656E+22	2,297704E+22	2,119925E+22	1,797534E+22	1,400389E+22	1,034939E+22	8,156338E+21	8,156308E+21	1,034933E+22	1,400388E+22
15	1,797537E+22	2,119917E+22	2,297686E+22	2,297673E+22	2,119857E+22	1,797459E+22	1,400336E+22	1,034909E+22	8,156250E+21	8,156418E+21	1,034952E+22	1,400387E+22
16	1,797499E+22	2,119845E+22	2,297585E+22	2,297602E+22	2,119854E+22	1,797499E+22	1,400389E+22	1,034958E+22	8,156520E+21	8,156366E+21	1,034915E+22	1,400333E+22
17	1,797462E+22	2,119881E+22	2,297692E+22	2,297678E+22	2,119878E+22	1,797496E+22	1,400380E+22	1,034961E+22	8,156799E+21	8,156852E+21	1,034978E+22	1,400404E+22
18	1,797517E+22	2,119889E+22	2,297664E+22	2,297621E+22	2,119794E+22	1,797433E+22	1,400363E+22	1,034976E+22	8,157075E+21	8,157144E+21	1,034987E+22	1,400369E+22
19	1,797430E+22	2,119756E+22	2,297545E+22	2,297611E+22	2,119867E+22	1,797515E+22	1,400426E+22	1,035030E+22	8,157546E+21	8,157431E+21	1,034994E+22	1,400364E+22
20	1,797451E+22	2,119840E+22	2,297626E+22	2,297624E+22	2,119844E+22	1,797476E+22	1,400389E+22	1,035012E+22	8,157668E+21	8,157883E+21	1,035069E+22	1,400449E+22
21	1,797495E+22	2,119803E+22	2,297526E+22	2,297496E+22	2,119747E+22	1,797449E+22	1,400414E+22	1,035053E+22	8,157983E+21	8,157979E+21	1,035043E+22	1,400389E+22
22	1,797414E+22	2,119725E+22	2,297505E+22	2,297544E+22	2,119809E+22	1,797501E+22	1,400461E+22	1,035098E+22	8,158366E+21	8,158207E+21	1,035057E+22	1,400416E+22
23	1,797489E+22	2,119836E+22	2,297584E+22	2,297559E+22	2,119765E+22	1,797424E+22	1,400392E+22	1,035060E+22	8,158326E+21	8,158475E+21	1,035099E+22	1,400440E+22
24	1,797460E+22	2,119758E+22	2,297483E+22	2,297482E+22	2,119752E+22	1,797455E+22	1,400432E+22	1,035090E+22	8,158412E+21	8,158295E+21	1,035057E+22	1,400384E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797405E+22	2,119747E+22	2,297552E+22	2,297574E+22	2,119815E+22	1,797484E+22	1,400431E+22	1,035077E+22	8,158343E+21	8,158371E+21	1,035089E+22	1,400453E+22
26	1,797503E+22	2,119818E+22	2,297567E+22	2,297549E+22	2,119758E+22	1,797426E+22	1,400393E+22	1,035045E+22	8,158044E+21	8,158155E+21	1,035071E+22	1,400421E+22
27	1,797446E+22	2,119731E+22	2,297465E+22	2,297521E+22	2,119817E+22	1,797502E+22	1,400445E+22	1,035068E+22	8,157954E+21	8,157756E+21	1,035014E+22	1,400370E+22
28	1,797443E+22	2,119833E+22	2,297617E+22	2,297598E+22	2,119826E+22	1,797478E+22	1,400400E+22	1,035018E+22	8,157594E+21	8,157660E+21	1,035040E+22	1,400433E+22
29	1,797505E+22	2,119844E+22	2,297596E+22	2,297552E+22	2,119756E+22	1,797430E+22	1,400384E+22	1,035008E+22	8,157397E+21	8,157376E+21	1,034992E+22	1,400356E+22
30	1,797409E+22	2,119745E+22	2,297546E+22	2,297606E+22	2,119853E+22	1,797502E+22	1,400422E+22	1,035025E+22	8,157406E+21	8,157236E+21	1,034980E+22	1,400365E+22
31	1,797468E+22	2,119860E+22	2,297645E+22	2,297653E+22	2,119860E+22	1,797461E+22	1,400352E+22	1,034959E+22	8,157019E+21	8,157234E+21	1,035018E+22	1,400418E+22
32	1,797485E+22	2,119817E+22	2,297555E+22	2,297547E+22	2,119805E+22	1,797474E+22	1,400387E+22	1,034978E+22	8,156938E+21	8,156890E+21	1,034964E+22	1,400361E+22
33	1,797432E+22	2,119786E+22	2,297591E+22	2,297614E+22	2,119849E+22	1,797500E+22	1,400407E+22	1,034996E+22	8,157095E+21	8,157025E+21	1,034981E+22	1,400406E+22
34	1,797530E+22	2,119895E+22	2,297651E+22	2,297618E+22	2,119793E+22	1,797424E+22	1,400356E+22	1,034973E+22	8,157081E+21	8,157185E+21	1,034996E+22	1,400389E+22
35	1,797468E+22	2,119799E+22	2,297533E+22	2,297555E+22	2,119816E+22	1,797479E+22	1,400409E+22	1,035023E+22	8,157456E+21	8,157297E+21	1,034977E+22	1,400338E+22
36	1,797412E+22	2,119821E+22	2,297638E+22	2,297630E+22	2,119843E+22	1,797479E+22	1,400395E+22	1,035017E+22	8,157638E+21	8,157734E+21	1,035045E+22	1,400429E+22
37	1,797489E+22	2,119825E+22	2,297590E+22	2,297562E+22	2,119763E+22	1,797427E+22	1,400384E+22	1,035030E+22	8,157900E+21	8,158040E+21	1,035055E+22	1,400394E+22
38	1,797405E+22	2,119690E+22	2,297452E+22	2,297519E+22	2,119808E+22	1,797502E+22	1,400463E+22	1,035104E+22	8,158455E+21	8,158312E+21	1,035061E+22	1,400398E+22
39	1,797442E+22	2,119785E+22	2,297540E+22	2,297548E+22	2,119798E+22	1,797460E+22	1,400415E+22	1,035080E+22	8,158557E+21	8,158713E+21	1,035123E+22	1,400468E+22
40	1,797483E+22	2,119767E+22	2,297465E+22	2,297425E+22	2,119693E+22	1,797431E+22	1,400441E+22	1,035121E+22	8,158867E+21	8,158801E+21	1,035099E+22	1,400409E+22
41	1,797396E+22	2,119684E+22	2,297452E+22	2,297477E+22	2,119739E+22	1,797457E+22	1,400469E+22	1,035157E+22	8,159253E+21	8,159116E+21	1,035124E+22	1,400442E+22
42	1,797469E+22	2,119787E+22	2,297533E+22	2,297515E+22	2,119722E+22	1,797396E+22	1,400404E+22	1,035113E+22	8,159117E+21	8,159299E+21	1,035161E+22	1,400465E+22
43	1,797440E+22	2,119700E+22	2,297407E+22	2,297422E+22	2,119726E+22	1,797454E+22	1,400455E+22	1,035140E+22	8,159144E+21	8,159075E+21	1,035118E+22	1,400410E+22
44	1,797390E+22	2,119709E+22	2,297496E+22	2,297508E+22	2,119768E+22	1,797470E+22	1,400450E+22	1,035121E+22	8,158933E+21	8,158962E+21	1,035133E+22	1,400476E+22
45	1,797504E+22	2,119794E+22	2,297517E+22	2,297489E+22	2,119714E+22	1,797409E+22	1,400408E+22	1,035090E+22	8,158680E+21	8,158767E+21	1,035105E+22	1,400422E+22
46	1,797423E+22	2,119698E+22	2,297420E+22	2,297457E+22	2,119762E+22	1,797480E+22	1,400467E+22	1,035126E+22	8,158704E+21	8,158454E+21	1,035058E+22	1,400378E+22
47	1,797414E+22	2,119778E+22	2,297566E+22	2,297565E+22	2,119803E+22	1,797459E+22	1,400409E+22	1,035066E+22	8,158305E+21	8,158358E+21	1,035085E+22	1,400439E+22
48	1,797472E+22	2,119786E+22	2,297534E+22	2,297507E+22	2,119737E+22	1,797429E+22	1,400403E+22	1,035055E+22	8,158069E+21	8,158048E+21	1,035046E+22	1,400385E+22
49	1,797394E+22	2,119689E+22	2,297473E+22	2,297530E+22	2,119798E+22	1,797479E+22	1,400436E+22	1,035072E+22	8,158080E+21	8,157949E+21	1,035039E+22	1,400402E+22
50	1,797469E+22	2,119820E+22	2,297583E+22	2,297583E+22	2,119800E+22	1,797437E+22	1,400375E+22	1,035013E+22	8,157705E+21	8,157891E+21	1,035063E+22	1,400439E+22
51	1,797483E+22	2,119786E+22	2,297495E+22	2,297475E+22	2,119757E+22	1,797460E+22	1,400411E+22	1,035037E+22	8,157726E+21	8,157648E+21	1,035013E+22	1,400369E+22
52	1,797412E+22	2,119766E+22	2,297562E+22	2,297557E+22	2,119789E+22	1,797468E+22	1,400417E+22	1,035047E+22	8,157853E+21	8,157779E+21	1,035031E+22	1,400416E+22
53	1,797506E+22	2,119858E+22	2,297615E+22	2,297583E+22	2,119760E+22	1,797399E+22	1,400363E+22	1,035024E+22	8,157921E+21	8,158066E+21	1,035055E+22	1,400397E+22
54	1,797425E+22	2,119730E+22	2,297464E+22	2,297495E+22	2,119782E+22	1,797468E+22	1,400432E+22	1,035088E+22	8,158378E+21	8,158250E+21	1,035051E+22	1,400370E+22
55	1,797385E+22	2,119735E+22	2,297541E+22	2,297567E+22	2,119821E+22	1,797479E+22	1,400423E+22	1,035078E+22	8,158496E+21	8,158599E+21	1,035109E+22	1,400459E+22
56	1,797477E+22	2,119767E+22	2,297500E+22	2,297476E+22	2,119717E+22	1,797426E+22	1,400424E+22	1,035101E+22	8,158757E+21	8,158838E+21	1,035115E+22	1,400429E+22
57	1,797402E+22	2,119648E+22	2,297375E+22	2,297413E+22	2,119718E+22	1,797462E+22	1,400484E+22	1,035174E+22	8,159384E+21	8,159200E+21	1,035124E+22	1,400425E+22
58	1,797434E+22	2,119751E+22	2,297491E+22	2,297477E+22	2,119721E+22	1,797419E+22	1,400435E+22	1,035147E+22	8,159475E+21	8,159600E+21	1,035180E+22	1,400480E+22
59	1,797459E+22	2,119720E+22	2,297410E+22	2,297372E+22	2,119652E+22	1,797408E+22	1,400454E+22	1,035179E+22	8,159768E+21	8,159743E+21	1,035166E+22	1,400424E+22
60	1,797364E+22	2,119636E+22	2,297402E+22	2,297426E+22	2,119702E+22	1,797437E+22	1,400475E+22	1,035200E+22	8,159965E+21	8,159902E+21	1,035187E+22	1,400473E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
61	1,797459E+22	2,119742E+22	2,297476E+22	2,297467E+22	2,119698E+22	1,797391E+22	1,400419E+22	1,035156E+22	8,159787E+21	8,160009E+21	1,035212E+22	1,400486E+22
62	1,797426E+22	2,119653E+22	2,297339E+22	2,297351E+22	2,119681E+22	1,797447E+22	1,400486E+22	1,035200E+22	8,159866E+21	8,159743E+21	1,035165E+22	1,400430E+22
63	1,797379E+22	2,119660E+22	2,297430E+22	2,297453E+22	2,119738E+22	1,797463E+22	1,400475E+22	1,035177E+22	8,159636E+21	8,159579E+21	1,035166E+22	1,400476E+22
64	1,797482E+22	2,119760E+22	2,297475E+22	2,297438E+22	2,119674E+22	1,797400E+22	1,400434E+22	1,035147E+22	8,159388E+21	8,159409E+21	1,035148E+22	1,400430E+22
65	1,797392E+22	2,119647E+22	2,297367E+22	2,297393E+22	2,119698E+22	1,797441E+22	1,400473E+22	1,035177E+22	8,159469E+21	8,159242E+21	1,035117E+22	1,400400E+22
66	1,797391E+22	2,119720E+22	2,297503E+22	2,297509E+22	2,119760E+22	1,797439E+22	1,400422E+22	1,035111E+22	8,159002E+21	8,159105E+21	1,035143E+22	1,400466E+22
67	1,797460E+22	2,119731E+22	2,297457E+22	2,297436E+22	2,119699E+22	1,797421E+22	1,400420E+22	1,035100E+22	8,158752E+21	8,158789E+21	1,035104E+22	1,400411E+22
68	1,797391E+22	2,119663E+22	2,297420E+22	2,297457E+22	2,119738E+22	1,797450E+22	1,400444E+22	1,035112E+22	8,158679E+21	8,158556E+21	1,035085E+22	1,400427E+22
69	1,797477E+22	2,119806E+22	2,297547E+22	2,297530E+22	2,119751E+22	1,797409E+22	1,400381E+22	1,035059E+22	8,158406E+21	8,158562E+21	1,035101E+22	1,400440E+22
70	1,797458E+22	2,119752E+22	2,297460E+22	2,297425E+22	2,119708E+22	1,797437E+22	1,400430E+22	1,035098E+22	8,158552E+21	8,158446E+21	1,035065E+22	1,400377E+22
71	1,797376E+22	2,119700E+22	2,297507E+22	2,297532E+22	2,119778E+22	1,797460E+22	1,400435E+22	1,035103E+22	8,158674E+21	8,158597E+21	1,035084E+22	1,400422E+22
72	1,797467E+22	2,119789E+22	2,297545E+22	2,297532E+22	2,119745E+22	1,797411E+22	1,400397E+22	1,035086E+22	8,158739E+21	8,158889E+21	1,035121E+22	1,400427E+22
73	1,797400E+22	2,119657E+22	2,297374E+22	2,297403E+22	2,119720E+22	1,797453E+22	1,400464E+22	1,035156E+22	8,159280E+21	8,159165E+21	1,035123E+22	1,400411E+22
74	1,797382E+22	2,119678E+22	2,297452E+22	2,297473E+22	2,119752E+22	1,797461E+22	1,400458E+22	1,035151E+22	8,159413E+21	8,159477E+21	1,035170E+22	1,400484E+22
75	1,797471E+22	2,119722E+22	2,297420E+22	2,297384E+22	2,119651E+22	1,797405E+22	1,400451E+22	1,035173E+22	8,159739E+21	8,159798E+21	1,035180E+22	1,400446E+22
76	1,797388E+22	2,119624E+22	2,297334E+22	2,297342E+22	2,119640E+22	1,797415E+22	1,400489E+22	1,035230E+22	8,160247E+21	8,160089E+21	1,035188E+22	1,400449E+22
77	1,797421E+22	2,119714E+22	2,297450E+22	2,297433E+22	2,119675E+22	1,797383E+22	1,400433E+22	1,035196E+22	8,160329E+21	8,160501E+21	1,035244E+22	1,400498E+22
78	1,797429E+22	2,119661E+22	2,297350E+22	2,297319E+22	2,119618E+22	1,797397E+22	1,400472E+22	1,035233E+22	8,160576E+21	8,160601E+21	1,035234E+22	1,400457E+22
79	1,797350E+22	2,119572E+22	2,297327E+22	2,297377E+22	2,119683E+22	1,797438E+22	1,400498E+22	1,035249E+22	8,160645E+21	8,160577E+21	1,035233E+22	1,400489E+22
80	1,797449E+22	2,119701E+22	2,297409E+22	2,297399E+22	2,119663E+22	1,797397E+22	1,400456E+22	1,035216E+22	8,160463E+21	8,160599E+21	1,035252E+22	1,400500E+22
81	1,797411E+22	2,119614E+22	2,297282E+22	2,297272E+22	2,119611E+22	1,797419E+22	1,400508E+22	1,035261E+22	8,160652E+21	8,160457E+21	1,035209E+22	1,400439E+22
82	1,797359E+22	2,119615E+22	2,297380E+22	2,297397E+22	2,119680E+22	1,797436E+22	1,400496E+22	1,035235E+22	8,160417E+21	8,160323E+21	1,035210E+22	1,400476E+22
83	1,797445E+22	2,119700E+22	2,297414E+22	2,297389E+22	2,119641E+22	1,797385E+22	1,400449E+22	1,035198E+22	8,160163E+21	8,160230E+21	1,035207E+22	1,400443E+22
84	1,797364E+22	2,119600E+22	2,297312E+22	2,297336E+22	2,119652E+22	1,797416E+22	1,400475E+22	1,035210E+22	8,160062E+21	8,159926E+21	1,035177E+22	1,400434E+22
85	1,797391E+22	2,119682E+22	2,297445E+22	2,297453E+22	2,119719E+22	1,797421E+22	1,400427E+22	1,035148E+22	8,159605E+21	8,159745E+21	1,035190E+22	1,400488E+22
86	1,797456E+22	2,119697E+22	2,297398E+22	2,297370E+22	2,119652E+22	1,797407E+22	1,400441E+22	1,035150E+22	8,159416E+21	8,159439E+21	1,035151E+22	1,400434E+22
87	1,797389E+22	2,119628E+22	2,297370E+22	2,297414E+22	2,119707E+22	1,797439E+22	1,400461E+22	1,035161E+22	8,159353E+21	8,159183E+21	1,035120E+22	1,400427E+22
88	1,797457E+22	2,119777E+22	2,297513E+22	2,297490E+22	2,119720E+22	1,797404E+22	1,400408E+22	1,035117E+22	8,159147E+21	8,159262E+21	1,035150E+22	1,400450E+22
89	1,797424E+22	2,119694E+22	2,297405E+22	2,297372E+22	2,119658E+22	1,797410E+22	1,400445E+22	1,035158E+22	8,159429E+21	8,159342E+21	1,035132E+22	1,400403E+22
90	1,797351E+22	2,119627E+22	2,297425E+22	2,297465E+22	2,119738E+22	1,797457E+22	1,400465E+22	1,035164E+22	8,159536E+21	8,159495E+21	1,035152E+22	1,400448E+22
91	1,797446E+22	2,119720E+22	2,297450E+22	2,297446E+22	2,119696E+22	1,797410E+22	1,400432E+22	1,035153E+22	8,159633E+21	8,159811E+21	1,035190E+22	1,400456E+22
92	1,797395E+22	2,119621E+22	2,297300E+22	2,297306E+22	2,119636E+22	1,797417E+22	1,400481E+22	1,035215E+22	8,160111E+21	8,159993E+21	1,035184E+22	1,400441E+22
93	1,797388E+22	2,119657E+22	2,297400E+22	2,297398E+22	2,119680E+22	1,797421E+22	1,400465E+22	1,035211E+22	8,160323E+21	8,160352E+21	1,035223E+22	1,400493E+22
94	1,797449E+22	2,119685E+22	2,297374E+22	2,297324E+22	2,119589E+22	1,797369E+22	1,400464E+22	1,035236E+22	8,160670E+21	8,160734E+21	1,035246E+22	1,400464E+22
95	1,797359E+22	2,119559E+22	2,297275E+22	2,297313E+22	2,119621E+22	1,797399E+22	1,400499E+22	1,035281E+22	8,161063E+21	8,160929E+21	1,035247E+22	1,400463E+22
96	1,797393E+22	2,119658E+22	2,297390E+22	2,297389E+22	2,119658E+22	1,797392E+22	1,400463E+22	1,035252E+22	8,161063E+21	8,161252E+21	1,035305E+22	1,400526E+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°
97	1,797407E+22	2,119597E+22	2,297273E+22	2,297246E+22	2,119564E+22	1,797384E+22	1,400501E+22	1,035295E+22	8,161379E+21	8,161386E+21	1,035293E+22	1,400485E+22
98	1,797344E+22	2,119521E+22	2,297249E+22	2,297300E+22	2,119632E+22	1,797434E+22	1,400536E+22	1,035314E+22	8,161447E+21	8,161316E+21	1,035278E+22	1,400495E+22
99	1,797427E+22	2,119659E+22	2,297343E+22	2,297325E+22	2,119611E+22	1,797388E+22	1,400487E+22	1,035281E+22	8,161313E+21	8,161412E+21	1,035302E+22	1,400501E+22
100	1,797384E+22	2,119581E+22	2,297239E+22	2,297212E+22	2,119543E+22	1,797378E+22	1,400512E+22	1,035310E+22	8,161395E+21	8,161228E+21	1,035266E+22	1,400458E+22
101	1,797340E+22	2,119570E+22	2,297327E+22	2,297353E+22	2,119639E+22	1,797403E+22	1,400490E+22	1,035275E+22	8,161144E+21	8,161098E+21	1,035268E+22	1,400495E+22
102	1,797420E+22	2,119640E+22	2,297342E+22	2,297330E+22	2,119604E+22	1,797371E+22	1,400460E+22	1,035239E+22	8,160816E+21	8,160962E+21	1,035272E+22	1,400482E+22
103	1,797363E+22	2,119548E+22	2,297242E+22	2,297287E+22	2,119623E+22	1,797408E+22	1,400489E+22	1,035247E+22	8,160591E+21	8,160476E+21	1,035219E+22	1,400457E+22
104	1,797396E+22	2,119665E+22	2,297398E+22	2,297394E+22	2,119677E+22	1,797416E+22	1,400454E+22	1,035196E+22	8,160165E+21	8,160257E+21	1,035228E+22	1,400503E+22
105	1,797446E+22	2,119673E+22	2,297360E+22	2,297311E+22	2,119587E+22	1,797377E+22	1,400458E+22	1,035206E+22	8,160153E+21	8,160122E+21	1,035194E+22	1,400442E+22
106	1,797371E+22	2,119592E+22	2,297329E+22	2,297370E+22	2,119665E+22	1,797425E+22	1,400484E+22	1,035218E+22	8,160142E+21	8,159951E+21	1,035166E+22	1,400423E+22
107	1,797413E+22	2,119714E+22	2,297449E+22	2,297445E+22	2,119697E+22	1,797404E+22	1,400435E+22	1,035178E+22	8,160005E+21	8,160143E+21	1,035211E+22	1,400461E+22
108	1,797392E+22	2,119639E+22	2,297335E+22	2,297308E+22	2,119609E+22	1,797394E+22	1,400463E+22	1,035210E+22	8,160201E+21	8,160173E+21	1,035201E+22	1,400440E+22
109	1,797347E+22	2,119575E+22	2,297342E+22	2,297388E+22	2,119682E+22	1,797435E+22	1,400484E+22	1,035224E+22	8,160378E+21	8,160323E+21	1,035212E+22	1,400472E+22
110	1,797433E+22	2,119670E+22	2,297369E+22	2,297359E+22	2,119632E+22	1,797389E+22	1,400460E+22	1,035221E+22	8,160530E+21	8,160690E+21	1,035255E+22	1,400485E+22
111	1,797388E+22	2,119579E+22	2,297241E+22	2,297247E+22	2,119580E+22	1,797388E+22	1,400495E+22	1,035273E+22	8,160953E+21	8,160819E+21	1,035237E+22	1,400451E+22
112	1,797367E+22	2,119624E+22	2,297357E+22	2,297347E+22	2,119628E+22	1,797397E+22	1,400485E+22	1,035272E+22	8,161169E+21	8,161209E+21	1,035288E+22	1,400513E+22
113	1,797415E+22	2,119624E+22	2,297312E+22	2,297270E+22	2,119540E+22	1,797340E+22	1,400474E+22	1,035295E+22	8,161583E+21	8,161688E+21	1,035320E+22	1,400497E+22
114	1,797342E+22	2,119496E+22	2,297194E+22	2,297246E+22	2,119585E+22	1,797400E+22	1,400528E+22	1,035338E+22	8,161894E+21	8,161793E+21	1,035310E+22	1,400487E+22
115	1,797373E+22	2,119597E+22	2,297303E+22	2,297311E+22	2,119616E+22	1,797397E+22	1,400504E+22	1,035319E+22	8,161907E+21	8,162074E+21	1,035361E+22	1,400544E+22
116	1,797398E+22	2,119566E+22	2,297209E+22	2,297166E+22	2,119493E+22	1,797355E+22	1,400522E+22	1,035354E+22	8,162146E+21	8,162119E+21	1,035343E+22	1,400504E+22
117	1,797336E+22	2,119492E+22	2,297196E+22	2,297237E+22	2,119571E+22	1,797399E+22	1,400546E+22	1,035371E+22	8,162274E+21	8,162084E+21	1,035324E+22	1,400494E+22
118	1,797389E+22	2,119608E+22	2,297289E+22	2,297273E+22	2,119564E+22	1,797362E+22	1,400501E+22	1,035335E+22	8,162107E+21	8,162229E+21	1,035362E+22	1,400519E+22
119	1,797353E+22	2,119516E+22	2,297177E+22	2,297179E+22	2,119520E+22	1,797362E+22	1,400518E+22	1,035348E+22	8,162030E+21	8,161917E+21	1,035318E+22	1,400478E+22
120	1,797323E+22	2,119527E+22	2,297268E+22	2,297301E+22	2,119610E+22	1,797404E+22	1,400513E+22	1,035317E+22	8,161695E+21	8,161695E+21	1,035323E+22	1,400529E+22
121	1,797412E+22	2,119596E+22	2,297275E+22	2,297262E+22	2,119549E+22	1,797350E+22	1,400479E+22	1,035289E+22	8,161461E+21	8,161589E+21	1,035321E+22	1,400513E+22
122	1,797371E+22	2,119523E+22	2,297183E+22	2,297220E+22	2,119577E+22	1,797401E+22	1,400516E+22	1,035298E+22	8,161252E+21	8,161085E+21	1,035255E+22	1,400461E+22
123	1,797381E+22	2,119640E+22	2,297357E+22	2,297341E+22	2,119633E+22	1,797406E+22	1,400483E+22	1,035255E+22	8,160928E+21	8,160973E+21	1,035269E+22	1,400500E+22
124	1,797419E+22	2,119646E+22	2,297327E+22	2,297270E+22	2,119532E+22	1,797340E+22	1,400465E+22	1,035254E+22	8,160888E+21	8,160879E+21	1,035248E+22	1,400457E+22
125	1,797345E+22	2,119543E+22	2,297272E+22	2,297330E+22	2,119634E+22	1,797402E+22	1,400490E+22	1,035268E+22	8,160953E+21	8,160782E+21	1,035226E+22	1,400439E+22
126	1,797376E+22	2,119643E+22	2,297365E+22	2,297378E+22	2,119659E+22	1,797398E+22	1,400459E+22	1,035233E+22	8,160799E+21	8,160992E+21	1,035280E+22	1,400497E+22
127	1,797379E+22	2,119573E+22	2,297248E+22	2,297241E+22	2,119564E+22	1,797379E+22	1,400486E+22	1,035265E+22	8,160942E+21	8,160909E+21	1,035254E+22	1,400464E+22
128	1,797344E+22	2,119547E+22	2,297278E+22	2,297310E+22	2,119621E+22	1,797417E+22	1,400513E+22	1,035287E+22	8,161160E+21	8,161074E+21	1,035268E+22	1,400494E+22
129	1,797415E+22	2,119630E+22	2,297311E+22	2,297283E+22	2,119553E+22	1,797345E+22	1,400475E+22	1,035287E+22	8,161466E+21	8,161599E+21	1,035318E+22	1,400506E+22
130	1,797368E+22	2,119534E+22	2,297184E+22	2,297190E+22	2,119532E+22	1,797368E+22	1,400515E+22	1,035334E+22	8,161859E+21	8,161745E+21	1,035301E+22	1,400462E+22
131	1,797330E+22	2,119563E+22	2,297290E+22	2,297294E+22	2,119599E+22	1,797393E+22	1,400511E+22	1,035335E+22	8,162079E+21	8,162157E+21	1,035357E+22	1,400533E+22
132	1,797392E+22	2,119572E+22	2,297241E+22	2,297205E+22	2,119491E+22	1,797323E+22	1,400495E+22	1,035350E+22	8,162377E+21	8,162528E+21	1,035387E+22	1,400533E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797339E+22	2,119451E+22	2,297117E+22	2,297176E+22	2,119539E+22	1,797383E+22	1,400551E+22	1,035402E+22	8,162745E+21	8,162588E+21	1,035364E+22	1,400503E+22
134	1,797352E+22	2,119547E+22	2,297227E+22	2,297233E+22	2,119563E+22	1,797385E+22	1,400537E+22	1,035388E+22	8,162775E+21	8,162892E+21	1,035417E+22	1,400562E+22
135	1,797378E+22	2,119517E+22	2,297153E+22	2,297115E+22	2,119444E+22	1,797331E+22	1,400542E+22	1,035411E+22	8,162929E+21	8,162868E+21	1,035391E+22	1,400511E+22
136	1,797311E+22	2,119455E+22	2,297150E+22	2,297187E+22	2,119526E+22	1,797377E+22	1,400564E+22	1,035426E+22	8,163004E+21	8,162846E+21	1,035385E+22	1,400516E+22
137	1,797354E+22	2,119543E+22	2,297220E+22	2,297215E+22	2,119517E+22	1,797334E+22	1,400509E+22	1,035384E+22	8,162865E+21	8,163037E+21	1,035429E+22	1,400557E+22
138	1,797347E+22	2,119466E+22	2,297102E+22	2,297109E+22	2,119483E+22	1,797360E+22	1,400538E+22	1,035390E+22	8,162661E+21	8,162595E+21	1,035371E+22	1,400504E+22
139	1,797318E+22	2,119491E+22	2,297202E+22	2,297230E+22	2,119565E+22	1,797397E+22	1,400541E+22	1,035369E+22	8,162356E+21	8,162325E+21	1,035364E+22	1,400544E+22
140	1,797415E+22	2,119588E+22	2,297236E+22	2,297202E+22	2,119487E+22	1,797316E+22	1,400488E+22	1,035334E+22	8,162087E+21	8,162175E+21	1,035358E+22	1,400525E+22
141	1,797366E+22	2,119511E+22	2,297155E+22	2,297180E+22	2,119530E+22	1,797365E+22	1,400520E+22	1,035348E+22	8,161980E+21	8,161742E+21	1,035290E+22	1,400453E+22
142	1,797335E+22	2,119586E+22	2,297310E+22	2,297307E+22	2,119606E+22	1,797391E+22	1,400500E+22	1,035308E+22	8,161682E+21	8,161739E+21	1,035323E+22	1,400511E+22
143	1,797377E+22	2,119573E+22	2,297267E+22	2,297243E+22	2,119519E+22	1,797334E+22	1,400479E+22	1,035298E+22	8,161552E+21	8,161583E+21	1,035302E+22	1,400474E+22
144	1,797320E+22	2,119487E+22	2,297197E+22	2,297264E+22	2,119600E+22	1,797403E+22	1,400522E+22	1,035321E+22	8,161622E+21	8,161499E+21	1,035289E+22	1,400472E+22
145	1,797356E+22	2,119579E+22	2,297276E+22	2,297291E+22	2,119598E+22	1,797377E+22	1,400486E+22	1,035297E+22	8,161631E+21	8,161802E+21	1,035342E+22	1,400532E+22
146	1,797382E+22	2,119537E+22	2,297170E+22	2,297149E+22	2,119504E+22	1,797364E+22	1,400513E+22	1,035327E+22	8,161801E+21	8,161738E+21	1,035309E+22	1,400479E+22
147	1,797327E+22	2,119514E+22	2,297224E+22	2,297238E+22	2,119557E+22	1,797389E+22	1,400538E+22	1,035357E+22	8,162105E+21	8,161991E+21	1,035327E+22	1,400507E+22
148	1,797395E+22	2,119596E+22	2,297264E+22	2,297230E+22	2,119490E+22	1,797299E+22	1,400477E+22	1,035342E+22	8,162341E+21	8,162520E+21	1,035389E+22	1,400536E+22
149	1,797352E+22	2,119485E+22	2,297122E+22	2,297140E+22	2,119495E+22	1,797341E+22	1,400521E+22	1,035389E+22	8,162740E+21	8,162649E+21	1,035368E+22	1,400487E+22
150	1,797302E+22	2,119496E+22	2,297206E+22	2,297225E+22	2,119562E+22	1,797391E+22	1,400543E+22	1,035396E+22	8,162914E+21	8,163025E+21	1,035425E+22	1,400567E+22
151	1,797380E+22	2,119514E+22	2,297166E+22	2,297143E+22	2,119449E+22	1,797313E+22	1,400524E+22	1,035411E+22	8,163148E+21	8,163256E+21	1,035435E+22	1,400549E+22
152	1,797329E+22	2,119425E+22	2,297061E+22	2,297102E+22	2,119484E+22	1,797370E+22	1,400585E+22	1,035469E+22	8,163547E+21	8,163350E+21	1,035416E+22	1,400514E+22
153	1,797318E+22	2,119493E+22	2,297167E+22	2,297165E+22	2,119497E+22	1,797350E+22	1,400556E+22	1,035456E+22	8,163697E+21	8,163769E+21	1,035475E+22	1,400578E+22
154	1,797351E+22	2,119462E+22	2,297086E+22	2,297055E+22	2,119407E+22	1,797318E+22	1,400559E+22	1,035468E+22	8,163768E+21	8,163722E+21	1,035451E+22	1,400525E+22
155	1,797277E+22	2,119395E+22	2,297082E+22	2,297128E+22	2,119491E+22	1,797369E+22	1,400587E+22	1,035481E+22	8,163783E+21	8,163652E+21	1,035446E+22	1,400543E+22
156	1,797345E+22	2,119500E+22	2,297154E+22	2,297145E+22	2,119460E+22	1,797308E+22	1,400520E+22	1,035427E+22	8,163499E+21	8,163710E+21	1,035485E+22	1,400594E+22
157	1,797356E+22	2,119442E+22	2,297048E+22	2,297050E+22	2,119438E+22	1,797334E+22	1,400549E+22	1,035437E+22	8,163321E+21	8,163202E+21	1,035411E+22	1,400516E+22
158	1,797307E+22	2,119464E+22	2,297156E+22	2,297172E+22	2,119521E+22	1,797381E+22	1,400560E+22	1,035420E+22	8,163028E+21	8,162965E+21	1,035405E+22	1,400553E+22
159	1,797393E+22	2,119550E+22	2,297205E+22	2,297174E+22	2,119454E+22	1,797294E+22	1,400499E+22	1,035379E+22	8,162720E+21	8,162782E+21	1,035394E+22	1,400524E+22
160	1,797335E+22	2,119473E+22	2,297119E+22	2,297149E+22	2,119507E+22	1,797353E+22	1,400536E+22	1,035395E+22	8,162636E+21	8,162447E+21	1,035347E+22	1,400469E+22
161	1,797291E+22	2,119506E+22	2,297232E+22	2,297250E+22	2,119572E+22	1,797378E+22	1,400516E+22	1,035360E+22	8,162449E+21	8,162537E+21	1,035387E+22	1,400545E+22
162	1,797364E+22	2,119511E+22	2,297175E+22	2,297157E+22	2,119483E+22	1,797340E+22	1,400510E+22	1,035352E+22	8,162281E+21	8,162333E+21	1,035359E+22	1,400502E+22
163	1,797312E+22	2,119444E+22	2,297121E+22	2,297173E+22	2,119538E+22	1,797389E+22	1,400555E+22	1,035388E+22	8,162438E+21	8,162263E+21	1,035340E+22	1,400494E+22
164	1,797359E+22	2,119558E+22	2,297219E+22	2,297206E+22	2,119514E+22	1,797331E+22	1,400496E+22	1,035354E+22	8,162445E+21	8,162592E+21	1,035396E+22	1,400555E+22
165	1,797379E+22	2,119516E+22	2,297133E+22	2,297095E+22	2,119443E+22	1,797317E+22	1,400514E+22	1,035385E+22	8,162683E+21	8,162592E+21	1,035363E+22	1,400485E+22
166	1,797291E+22	2,119461E+22	2,297172E+22	2,297193E+22	2,119521E+22	1,797368E+22	1,400550E+22	1,035414E+22	8,162977E+21	8,162907E+21	1,035395E+22	1,400530E+22
167	1,797362E+22	2,119528E+22	2,297204E+22	2,297194E+22	2,119471E+22	1,797292E+22	1,400495E+22	1,035394E+22	8,163110E+21	8,163321E+21	1,035448E+22	1,400560E+22
168	1,797334E+22	2,119436E+22	2,297057E+22	2,297078E+22	2,119463E+22	1,797344E+22	1,400558E+22	1,035452E+22	8,163514E+21	8,163451E+21	1,035433E+22	1,400515E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
169	1,797277E+22	2,119427E+22	2,297120E+22	2,297144E+22	2,119508E+22	1,797378E+22	1,400579E+22	1,035473E+22	8,163852E+21	8,163892E+21	1,035484E+22	1,400592E+22
170	1,797370E+22	2,119471E+22	2,297089E+22	2,297053E+22	2,119397E+22	1,797309E+22	1,400561E+22	1,035483E+22	8,164083E+21	8,164134E+21	1,035490E+22	1,400556E+22
171	1,797298E+22	2,119379E+22	2,297003E+22	2,297028E+22	2,119422E+22	1,797348E+22	1,400615E+22	1,035543E+22	8,164518E+21	8,164280E+21	1,035476E+22	1,400528E+22
172	1,797293E+22	2,119441E+22	2,297106E+22	2,297103E+22	2,119438E+22	1,797308E+22	1,400557E+22	1,035508E+22	8,164542E+21	8,164667E+21	1,035546E+22	1,400613E+22
173	1,797341E+22	2,119412E+22	2,297019E+22	2,296995E+22	2,119363E+22	1,797285E+22	1,400558E+22	1,035512E+22	8,164522E+21	8,164518E+21	1,035513E+22	1,400555E+22
174	1,797264E+22	2,119340E+22	2,297007E+22	2,297058E+22	2,119448E+22	1,797356E+22	1,400604E+22	1,035526E+22	8,164440E+21	8,164349E+21	1,035503E+22	1,400577E+22
175	1,797346E+22	2,119464E+22	2,297105E+22	2,297095E+22	2,119419E+22	1,797289E+22	1,400533E+22	1,035468E+22	8,164055E+21	8,164229E+21	1,035518E+22	1,400604E+22
176	1,797354E+22	2,119432E+22	2,297022E+22	2,297001E+22	2,119394E+22	1,797317E+22	1,400567E+22	1,035483E+22	8,163904E+21	8,163772E+21	1,035448E+22	1,400517E+22
177	1,797272E+22	2,119415E+22	2,297114E+22	2,297130E+22	2,119480E+22	1,797359E+22	1,400576E+22	1,035473E+22	8,163762E+21	8,163662E+21	1,035449E+22	1,400557E+22
178	1,797362E+22	2,119496E+22	2,297145E+22	2,297126E+22	2,119440E+22	1,797299E+22	1,400519E+22	1,035426E+22	8,163428E+21	8,163503E+21	1,035442E+22	1,400529E+22
179	1,797297E+22	2,119409E+22	2,297051E+22	2,297086E+22	2,119478E+22	1,797357E+22	1,400567E+22	1,035452E+22	8,163386E+21	8,163196E+21	1,035401E+22	1,400494E+22
180	1,797281E+22	2,119449E+22	2,297151E+22	2,297169E+22	2,119514E+22	1,797354E+22	1,400534E+22	1,035412E+22	8,163161E+21	8,163263E+21	1,035445E+22	1,400581E+22
181	1,797372E+22	2,119478E+22	2,297107E+22	2,297079E+22	2,119421E+22	1,797307E+22	1,400523E+22	1,035410E+22	8,163072E+21	8,163074E+21	1,035409E+22	1,400520E+22
182	1,797302E+22	2,119411E+22	2,297067E+22	2,297099E+22	2,119474E+22	1,797360E+22	1,400572E+22	1,035447E+22	8,163264E+21	8,163083E+21	1,035397E+22	1,400513E+22
183	1,797340E+22	2,119520E+22	2,297188E+22	2,297166E+22	2,119463E+22	1,797294E+22	1,400502E+22	1,035405E+22	8,163223E+21	8,163379E+21	1,035450E+22	1,400567E+22
184	1,797355E+22	2,119479E+22	2,297098E+22	2,297060E+22	2,119413E+22	1,797298E+22	1,400526E+22	1,035435E+22	8,163466E+21	8,163464E+21	1,035433E+22	1,400509E+22
185	1,797255E+22	2,119384E+22	2,297094E+22	2,297133E+22	2,119489E+22	1,797360E+22	1,400571E+22	1,035473E+22	8,163854E+21	8,163817E+21	1,035465E+22	1,400565E+22
186	1,797351E+22	2,119466E+22	2,297110E+22	2,297108E+22	2,119441E+22	1,797306E+22	1,400534E+22	1,035460E+22	8,163977E+21	8,164170E+21	1,035507E+22	1,400581E+22
187	1,797319E+22	2,119389E+22	2,296984E+22	2,296992E+22	2,119406E+22	1,797337E+22	1,400602E+22	1,035533E+22	8,164487E+21	8,164323E+21	1,035486E+22	1,400534E+22
188	1,797268E+22	2,119383E+22	2,297051E+22	2,297057E+22	2,119428E+22	1,797337E+22	1,400597E+22	1,035542E+22	8,164807E+21	8,164804E+21	1,035544E+22	1,400609E+22
189	1,797351E+22	2,119427E+22	2,297035E+22	2,296992E+22	2,119336E+22	1,797266E+22	1,400570E+22	1,035548E+22	8,165032E+21	8,165067E+21	1,035552E+22	1,400568E+22
190	1,797260E+22	2,119314E+22	2,296937E+22	2,296969E+22	2,119378E+22	1,797324E+22	1,400624E+22	1,035595E+22	8,165354E+21	8,165190E+21	1,035549E+22	1,400559E+22
191	1,797268E+22	2,119376E+22	2,297041E+22	2,297047E+22	2,119399E+22	1,797291E+22	1,400567E+22	1,035548E+22	8,165189E+21	8,165369E+21	1,035602E+22	1,400642E+22
192	1,797340E+22	2,119378E+22	2,296965E+22	2,296938E+22	2,119326E+22	1,797277E+22	1,400579E+22	1,035555E+22	8,165111E+21	8,165160E+21	1,035566E+22	1,400581E+22
193	1,797256E+22	2,119296E+22	2,296942E+22	2,296992E+22	2,119400E+22	1,797339E+22	1,400624E+22	1,035580E+22	8,165143E+21	8,164994E+21	1,035544E+22	1,400593E+22
194	1,797343E+22	2,119440E+22	2,297052E+22	2,297030E+22	2,119386E+22	1,797290E+22	1,400560E+22	1,035522E+22	8,164758E+21	8,164871E+21	1,035553E+22	1,400599E+22
195	1,797322E+22	2,119397E+22	2,296993E+22	2,296959E+22	2,119354E+22	1,797304E+22	1,400593E+22	1,035543E+22	8,164677E+21	8,164487E+21	1,035491E+22	1,400522E+22
196	1,797243E+22	2,119355E+22	2,297054E+22	2,297081E+22	2,119439E+22	1,797332E+22	1,400581E+22	1,035518E+22	8,164485E+21	8,164425E+21	1,035506E+22	1,400580E+22
197	1,797343E+22	2,119439E+22	2,297075E+22	2,297067E+22	2,119402E+22	1,797282E+22	1,400531E+22	1,035474E+22	8,164129E+21	8,164236E+21	1,035498E+22	1,400554E+22
198	1,797282E+22	2,119353E+22	2,296973E+22	2,297006E+22	2,119424E+22	1,797344E+22	1,400589E+22	1,035503E+22	8,164078E+21	8,163920E+21	1,035459E+22	1,400525E+22
199	1,797280E+22	2,119413E+22	2,297097E+22	2,297101E+22	2,119453E+22	1,797327E+22	1,400547E+22	1,035461E+22	8,163825E+21	8,163893E+21	1,035486E+22	1,400596E+22
200	1,797372E+22	2,119466E+22	2,297078E+22	2,297026E+22	2,119366E+22	1,797277E+22	1,400534E+22	1,035459E+22	8,163790E+21	8,163821E+21	1,035461E+22	1,400530E+22
201	1,797272E+22	2,119359E+22	2,297020E+22	2,297057E+22	2,119429E+22	1,797330E+22	1,400581E+22	1,035503E+22	8,164114E+21	8,163941E+21	1,035456E+22	1,400530E+22
202	1,797316E+22	2,119466E+22	2,297123E+22	2,297115E+22	2,119448E+22	1,797301E+22	1,400524E+22	1,035460E+22	8,164045E+21	8,164233E+21	1,035511E+22	1,400582E+22
203	1,797322E+22	2,119416E+22	2,297031E+22	2,296998E+22	2,119381E+22	1,797305E+22	1,400565E+22	1,035503E+22	8,164344E+21	8,164324E+21	1,035494E+22	1,400538E+22
204	1,797245E+22	2,119322E+22	2,297006E+22	2,297050E+22	2,119434E+22	1,797345E+22	1,400600E+22	1,035540E+22	8,164739E+21	8,164689E+21	1,035528E+22	1,400594E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797349E+22	2,119426E+22	2,297036E+22	2,297024E+22	2,119377E+22	1,797280E+22	1,400560E+22	1,035534E+22	8,164925E+21	8,165053E+21	1,035564E+22	1,400594E+22
206	1,797295E+22	2,119339E+22	2,296916E+22	2,296908E+22	2,119334E+22	1,797311E+22	1,400628E+22	1,035604E+22	8,165456E+21	8,165282E+21	1,035553E+22	1,400553E+22
207	1,797239E+22	2,119327E+22	2,296999E+22	2,297003E+22	2,119369E+22	1,797299E+22	1,400605E+22	1,035599E+22	8,165661E+21	8,165679E+21	1,035607E+22	1,400628E+22
208	1,797328E+22	2,119377E+22	2,296979E+22	2,296941E+22	2,119294E+22	1,797241E+22	1,400576E+22	1,035594E+22	8,165804E+21	8,165956E+21	1,035627E+22	1,400599E+22
209	1,797236E+22	2,119242E+22	2,296853E+22	2,296899E+22	2,119333E+22	1,797308E+22	1,400640E+22	1,035645E+22	8,166111E+21	8,165998E+21	1,035614E+22	1,400598E+22
210	1,797274E+22	2,119337E+22	2,296961E+22	2,296966E+22	2,119361E+22	1,797295E+22	1,400596E+22	1,035601E+22	8,165875E+21	8,166034E+21	1,035647E+22	1,400657E+22
211	1,797333E+22	2,119354E+22	2,296922E+22	2,296875E+22	2,119274E+22	1,797267E+22	1,400611E+22	1,035618E+22	8,165861E+21	8,165798E+21	1,035600E+22	1,400587E+22
212	1,797248E+22	2,119268E+22	2,296901E+22	2,296937E+22	2,119342E+22	1,797306E+22	1,400635E+22	1,035632E+22	8,165884E+21	8,165691E+21	1,035584E+22	1,400593E+22
213	1,797318E+22	2,119402E+22	2,297014E+22	2,296995E+22	2,119348E+22	1,797263E+22	1,400570E+22	1,035575E+22	8,165507E+21	8,165598E+21	1,035598E+22	1,400598E+22
214	1,797276E+22	2,119330E+22	2,296932E+22	2,296916E+22	2,119327E+22	1,797297E+22	1,400611E+22	1,035591E+22	8,165388E+21	8,165255E+21	1,035552E+22	1,400545E+22
215	1,797214E+22	2,119287E+22	2,296987E+22	2,297027E+22	2,119402E+22	1,797322E+22	1,400598E+22	1,035560E+22	8,165081E+21	8,165062E+21	1,035558E+22	1,400605E+22
216	1,797336E+22	2,119398E+22	2,297014E+22	2,297005E+22	2,119358E+22	1,797270E+22	1,400552E+22	1,035518E+22	8,164750E+21	8,164917E+21	1,035554E+22	1,400579E+22
217	1,797273E+22	2,119310E+22	2,296904E+22	2,296932E+22	2,119366E+22	1,797321E+22	1,400606E+22	1,035557E+22	8,164829E+21	8,164651E+21	1,035510E+22	1,400548E+22
218	1,797281E+22	2,119391E+22	2,297040E+22	2,297031E+22	2,119406E+22	1,797315E+22	1,400568E+22	1,035516E+22	8,164604E+21	8,164652E+21	1,035534E+22	1,400601E+22
219	1,797347E+22	2,119432E+22	2,297046E+22	2,296988E+22	2,119325E+22	1,797257E+22	1,400554E+22	1,035520E+22	8,164641E+21	8,164646E+21	1,035518E+22	1,400550E+22
220	1,797254E+22	2,119301E+22	2,296953E+22	2,297004E+22	2,119387E+22	1,797303E+22	1,400587E+22	1,035552E+22	8,164929E+21	8,164816E+21	1,035524E+22	1,400560E+22
221	1,797302E+22	2,119409E+22	2,297046E+22	2,297048E+22	2,119406E+22	1,797290E+22	1,400549E+22	1,035520E+22	8,164863E+21	8,165069E+21	1,035573E+22	1,400607E+22
222	1,797305E+22	2,119357E+22	2,296950E+22	2,296918E+22	2,119324E+22	1,797296E+22	1,400599E+22	1,035570E+22	8,165204E+21	8,165181E+21	1,035558E+22	1,400564E+22
223	1,797232E+22	2,119276E+22	2,296939E+22	2,296971E+22	2,119364E+22	1,797318E+22	1,400624E+22	1,035605E+22	8,165589E+21	8,165488E+21	1,035579E+22	1,400604E+22
224	1,797330E+22	2,119393E+22	2,296990E+22	2,296963E+22	2,119316E+22	1,797252E+22	1,400578E+22	1,035594E+22	8,165814E+21	8,165977E+21	1,035628E+22	1,400603E+22
225	1,797256E+22	2,119272E+22	2,296847E+22	2,296849E+22	2,119281E+22	1,797280E+22	1,400640E+22	1,035666E+22	8,166395E+21	8,166245E+21	1,035623E+22	1,400577E+22
226	1,797217E+22	2,119267E+22	2,296913E+22	2,296934E+22	2,119339E+22	1,797298E+22	1,400626E+22	1,035655E+22	8,166500E+21	8,166551E+21	1,035672E+22	1,400651E+22
227	1,797305E+22	2,119323E+22	2,296912E+22	2,296878E+22	2,119253E+22	1,797237E+22	1,400608E+22	1,035656E+22	8,166607E+21	8,166732E+21	1,035685E+22	1,400634E+22
228	1,797239E+22	2,119196E+22	2,296777E+22	2,296825E+22	2,119276E+22	1,797284E+22	1,400657E+22	1,035699E+22	8,166864E+21	8,166737E+21	1,035668E+22	1,400623E+22
229	1,797276E+22	2,119315E+22	2,296909E+22	2,296901E+22	2,119304E+22	1,797273E+22	1,400619E+22	1,035662E+22	8,166641E+21	8,166739E+21	1,035690E+22	1,400661E+22
230	1,797308E+22	2,119318E+22	2,296881E+22	2,296825E+22	2,119223E+22	1,797248E+22	1,400634E+22	1,035676E+22	8,166637E+21	8,166566E+21	1,035651E+22	1,400593E+22
231	1,797212E+22	2,119219E+22	2,296862E+22	2,296905E+22	2,119304E+22	1,797281E+22	1,400643E+22	1,035678E+22	8,166568E+21	8,166393E+21	1,035634E+22	1,400602E+22
232	1,797285E+22	2,119349E+22	2,296960E+22	2,296958E+22	2,119326E+22	1,797253E+22	1,400578E+22	1,035611E+22	8,166144E+21	8,166347E+21	1,035660E+22	1,400621E+22
233	1,797248E+22	2,119256E+22	2,296842E+22	2,296848E+22	2,119287E+22	1,797289E+22	1,400630E+22	1,035637E+22	8,166053E+21	8,165963E+21	1,035611E+22	1,400582E+22
234	1,797221E+22	2,119250E+22	2,296898E+22	2,296941E+22	2,119358E+22	1,797321E+22	1,400626E+22	1,035612E+22	8,165735E+21	8,165690E+21	1,035602E+22	1,400623E+22
235	1,797332E+22	2,119378E+22	2,296968E+22	2,296938E+22	2,119296E+22	1,797249E+22	1,400578E+22	1,035579E+22	8,165492E+21	8,165567E+21	1,035595E+22	1,400596E+22
236	1,797271E+22	2,119283E+22	2,296859E+22	2,296876E+22	2,119303E+22	1,797279E+22	1,400609E+22	1,035605E+22	8,165582E+21	8,165411E+21	1,035561E+22	1,400560E+22
237	1,797263E+22	2,119361E+22	2,297002E+22	2,296992E+22	2,119361E+22	1,797284E+22	1,400575E+22	1,035567E+22	8,165365E+21	8,165436E+21	1,035588E+22	1,400609E+22
238	1,797309E+22	2,119370E+22	2,296984E+22	2,296942E+22	2,119294E+22	1,797251E+22	1,400574E+22	1,035571E+22	8,165408E+21	8,165473E+21	1,035582E+22	1,400574E+22
239	1,797227E+22	2,119241E+22	2,296886E+22	2,296946E+22	2,119348E+22	1,797296E+22	1,400612E+22	1,035605E+22	8,165649E+21	8,165546E+21	1,035579E+22	1,400582E+22
240	1,797289E+22	2,119364E+22	2,296979E+22	2,296983E+22	2,119361E+22	1,797280E+22	1,400578E+22	1,035579E+22	8,165670E+21	8,165890E+21	1,035631E+22	1,400624E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797282E+22	2,119301E+22	2,296869E+22	2,296838E+22	2,119262E+22	1,797276E+22	1,400631E+22	1,035644E+22	8,166159E+21	8,166088E+21	1,035619E+22	1,400584E+22
242	1,797218E+22	2,119235E+22	2,296863E+22	2,296891E+22	2,119308E+22	1,797302E+22	1,400653E+22	1,035677E+22	8,166553E+21	8,166423E+21	1,035641E+22	1,400612E+22
243	1,797291E+22	2,119338E+22	2,296934E+22	2,296909E+22	2,119265E+22	1,797226E+22	1,400601E+22	1,035665E+22	8,166794E+21	8,166934E+21	1,035698E+22	1,400634E+22
244	1,797238E+22	2,119205E+22	2,296763E+22	2,296779E+22	2,119229E+22	1,797249E+22	1,400644E+22	1,035717E+22	8,167264E+21	8,167197E+21	1,035700E+22	1,400617E+22
245	1,797214E+22	2,119221E+22	2,296835E+22	2,296856E+22	2,119280E+22	1,797276E+22	1,400648E+22	1,035713E+22	8,167293E+21	8,167371E+21	1,035735E+22	1,400680E+22
246	1,797297E+22	2,119281E+22	2,296843E+22	2,296807E+22	2,119198E+22	1,797222E+22	1,400635E+22	1,035717E+22	8,167396E+21	8,167501E+21	1,035740E+22	1,400656E+22
247	1,797230E+22	2,119171E+22	2,296736E+22	2,296768E+22	2,119219E+22	1,797256E+22	1,400673E+22	1,035753E+22	8,167584E+21	8,167406E+21	1,035708E+22	1,400626E+22
248	1,797253E+22	2,119286E+22	2,296882E+22	2,296867E+22	2,119266E+22	1,797252E+22	1,400633E+22	1,035710E+22	8,167374E+21	8,167502E+21	1,035739E+22	1,400661E+22
249	1,797262E+22	2,119251E+22	2,296819E+22	2,296787E+22	2,119196E+22	1,797234E+22	1,400650E+22	1,035727E+22	8,167392E+21	8,167345E+21	1,035709E+22	1,400612E+22
250	1,797186E+22	2,119158E+22	2,296773E+22	2,296840E+22	2,119287E+22	1,797290E+22	1,400669E+22	1,035726E+22	8,167245E+21	8,167096E+21	1,035687E+22	1,400620E+22
251	1,797259E+22	2,119293E+22	2,296890E+22	2,296897E+22	2,119289E+22	1,797253E+22	1,400612E+22	1,035668E+22	8,166826E+21	8,166981E+21	1,035709E+22	1,400656E+22
252	1,797255E+22	2,119215E+22	2,296764E+22	2,296767E+22	2,119224E+22	1,797257E+22	1,400641E+22	1,035685E+22	8,166731E+21	8,166630E+21	1,035660E+22	1,400609E+22
253	1,797229E+22	2,119237E+22	2,296850E+22	2,296867E+22	2,119286E+22	1,797285E+22	1,400643E+22	1,035667E+22	8,166446E+21	8,166364E+21	1,035646E+22	1,400632E+22
254	1,797313E+22	2,119351E+22	2,296935E+22	2,296893E+22	2,119242E+22	1,797218E+22	1,400590E+22	1,035630E+22	8,166236E+21	8,166323E+21	1,035648E+22	1,400608E+22
255	1,797241E+22	2,119246E+22	2,296827E+22	2,296844E+22	2,119263E+22	1,797247E+22	1,400609E+22	1,035645E+22	8,166251E+21	8,166125E+21	1,035614E+22	1,400574E+22
256	1,797236E+22	2,119312E+22	2,296951E+22	2,296955E+22	2,119340E+22	1,797277E+22	1,400587E+22	1,035605E+22	8,166046E+21	8,166220E+21	1,035649E+22	1,400630E+22
257	1,797281E+22	2,119301E+22	2,296897E+22	2,296875E+22	2,119257E+22	1,797248E+22	1,400605E+22	1,035629E+22	8,166180E+21	8,166254E+21	1,035642E+22	1,400604E+22
258	1,797224E+22	2,119199E+22	2,296793E+22	2,296858E+22	2,119304E+22	1,797296E+22	1,400651E+22	1,035676E+22	8,166499E+21	8,166322E+21	1,035628E+22	1,400591E+22
259	1,797263E+22	2,119324E+22	2,296921E+22	2,296915E+22	2,119302E+22	1,797262E+22	1,400614E+22	1,035659E+22	8,166636E+21	8,166733E+21	1,035684E+22	1,400641E+22
260	1,797262E+22	2,119247E+22	2,296799E+22	2,296768E+22	2,119195E+22	1,797232E+22	1,400641E+22	1,035709E+22	8,167141E+21	8,167081E+21	1,035689E+22	1,400605E+22
261	1,797193E+22	2,119184E+22	2,296798E+22	2,296825E+22	2,119249E+22	1,797268E+22	1,400669E+22	1,035741E+22	8,167482E+21	8,167398E+21	1,035715E+22	1,400638E+22
262	1,797258E+22	2,119269E+22	2,296856E+22	2,296842E+22	2,119219E+22	1,797213E+22	1,400623E+22	1,035723E+22	8,167660E+21	8,167872E+21	1,035775E+22	1,400672E+22
263	1,797223E+22	2,119157E+22	2,296697E+22	2,296710E+22	2,119177E+22	1,797229E+22	1,400663E+22	1,035769E+22	8,167997E+21	8,167958E+21	1,035759E+22	1,400648E+22
264	1,797214E+22	2,119192E+22	2,296781E+22	2,296796E+22	2,119236E+22	1,797260E+22	1,400667E+22	1,035764E+22	8,168051E+21	8,168147E+21	1,035788E+22	1,400696E+22
265	1,797280E+22	2,119238E+22	2,296780E+22	2,296743E+22	2,119151E+22	1,797207E+22	1,400662E+22	1,035780E+22	8,168226E+21	8,168284E+21	1,035791E+22	1,400669E+22
266	1,797213E+22	2,119137E+22	2,296678E+22	2,296714E+22	2,119187E+22	1,797247E+22	1,400700E+22	1,035815E+22	8,168396E+21	8,168175E+21	1,035756E+22	1,400628E+22
267	1,797207E+22	2,119228E+22	2,296832E+22	2,296829E+22	2,119236E+22	1,797240E+22	1,400657E+22	1,035770E+22	8,168171E+21	8,168250E+21	1,035794E+22	1,400685E+22
268	1,797238E+22	2,119179E+22	2,296732E+22	2,296718E+22	2,119155E+22	1,797215E+22	1,400661E+22	1,035773E+22	8,168105E+21	8,168117E+21	1,035772E+22	1,400647E+22
269	1,797184E+22	2,119117E+22	2,296696E+22	2,296753E+22	2,119222E+22	1,797269E+22	1,400693E+22	1,035777E+22	8,167889E+21	8,167754E+21	1,035738E+22	1,400646E+22
270	1,797252E+22	2,119256E+22	2,296824E+22	2,296816E+22	2,119225E+22	1,797227E+22	1,400632E+22	1,035720E+22	8,167507E+21	8,167635E+21	1,035755E+22	1,400674E+22
271	1,797249E+22	2,119203E+22	2,296736E+22	2,296710E+22	2,119162E+22	1,797217E+22	1,400643E+22	1,035726E+22	8,167351E+21	8,167229E+21	1,035697E+22	1,400614E+22
272	1,797213E+22	2,119219E+22	2,296833E+22	2,296843E+22	2,119249E+22	1,797252E+22	1,400639E+22	1,035703E+22	8,167111E+21	8,167080E+21	1,035692E+22	1,400634E+22
273	1,797273E+22	2,119291E+22	2,296881E+22	2,296861E+22	2,119224E+22	1,797206E+22	1,400603E+22	1,035677E+22	8,166946E+21	8,167064E+21	1,035704E+22	1,400628E+22
274	1,797218E+22	2,119189E+22	2,296750E+22	2,296792E+22	2,119253E+22	1,797258E+22	1,400639E+22	1,035698E+22	8,166958E+21	8,166834E+21	1,035665E+22	1,400590E+22
275	1,797204E+22	2,119250E+22	2,296882E+22	2,296898E+22	2,119309E+22	1,797281E+22	1,400630E+22	1,035675E+22	8,166845E+21	8,166927E+21	1,035700E+22	1,400658E+22
276	1,797273E+22	2,119246E+22	2,296809E+22	2,296789E+22	2,119200E+22	1,797227E+22	1,400630E+22	1,035696E+22	8,167072E+21	8,167115E+21	1,035702E+22	1,400628E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797217E+22	2,119168E+22	2,296728E+22	2,296765E+22	2,119224E+22	1,797266E+22	1,400682E+22	1,035749E+22	8,167447E+21	8,167244E+21	1,035690E+22	1,400606E+22
278	1,797231E+22	2,119269E+22	2,296860E+22	2,296847E+22	2,119238E+22	1,797228E+22	1,400633E+22	1,035728E+22	8,167625E+21	8,167743E+21	1,035759E+22	1,400665E+22
279	1,797233E+22	2,119195E+22	2,296742E+22	2,296709E+22	2,119141E+22	1,797193E+22	1,400641E+22	1,035760E+22	8,167996E+21	8,168010E+21	1,035763E+22	1,400640E+22
280	1,797178E+22	2,119132E+22	2,296731E+22	2,296766E+22	2,119209E+22	1,797247E+22	1,400676E+22	1,035785E+22	8,168280E+21	8,168310E+21	1,035788E+22	1,400674E+22
281	1,797247E+22	2,119211E+22	2,296772E+22	2,296764E+22	2,119171E+22	1,797202E+22	1,400651E+22	1,035783E+22	8,168462E+21	8,168680E+21	1,035837E+22	1,400708E+22
282	1,797230E+22	2,119128E+22	2,296624E+22	2,296631E+22	2,119132E+22	1,797222E+22	1,400697E+22	1,035835E+22	8,168812E+21	8,168687E+21	1,035803E+22	1,400654E+22
283	1,797190E+22	2,119160E+22	2,296744E+22	2,296748E+22	2,119192E+22	1,797247E+22	1,400701E+22	1,035837E+22	8,168923E+21	8,168884E+21	1,035830E+22	1,400704E+22
284	1,797254E+22	2,119186E+22	2,296722E+22	2,296690E+22	2,119107E+22	1,797177E+22	1,400673E+22	1,035838E+22	8,169086E+21	8,169138E+21	1,035847E+22	1,400679E+22
285	1,797180E+22	2,119082E+22	2,296613E+22	2,296650E+22	2,119141E+22	1,797231E+22	1,400722E+22	1,035872E+22	8,169183E+21	8,168986E+21	1,035816E+22	1,400644E+22
286	1,797169E+22	2,119151E+22	2,296752E+22	2,296764E+22	2,119199E+22	1,797234E+22	1,400681E+22	1,035823E+22	8,168901E+21	8,169012E+21	1,035854E+22	1,400714E+22
287	1,797223E+22	2,119132E+22	2,296666E+22	2,296645E+22	2,119099E+22	1,797188E+22	1,400672E+22	1,035816E+22	8,168716E+21	8,168739E+21	1,035820E+22	1,400674E+22
288	1,797187E+22	2,119095E+22	2,296650E+22	2,296691E+22	2,119169E+22	1,797241E+22	1,400698E+22	1,035817E+22	8,168530E+21	8,168412E+21	1,035782E+22	1,400660E+22
289	1,797241E+22	2,119226E+22	2,296778E+22	2,296758E+22	2,119174E+22	1,797203E+22	1,400646E+22	1,035770E+22	8,168198E+21	8,168311E+21	1,035801E+22	1,400687E+22
290	1,797237E+22	2,119176E+22	2,296697E+22	2,296673E+22	2,119135E+22	1,797200E+22	1,400656E+22	1,035774E+22	8,168038E+21	8,167903E+21	1,035740E+22	1,400618E+22
291	1,797175E+22	2,119168E+22	2,296795E+22	2,296820E+22	2,119237E+22	1,797247E+22	1,400657E+22	1,035753E+22	8,167816E+21	8,167755E+21	1,035743E+22	1,400659E+22
292	1,797252E+22	2,119222E+22	2,296797E+22	2,296798E+22	2,119196E+22	1,797198E+22	1,400619E+22	1,035724E+22	8,167664E+21	8,167826E+21	1,035763E+22	1,400658E+22
293	1,797214E+22	2,119146E+22	2,296674E+22	2,296703E+22	2,119193E+22	1,797249E+22	1,400677E+22	1,035762E+22	8,167725E+21	8,167584E+21	1,035720E+22	1,400612E+22
294	1,797187E+22	2,119197E+22	2,296809E+22	2,296815E+22	2,119247E+22	1,797263E+22	1,400662E+22	1,035746E+22	8,167733E+21	8,167759E+21	1,035755E+22	1,400672E+22
295	1,797252E+22	2,119214E+22	2,296763E+22	2,296716E+22	2,119130E+22	1,797187E+22	1,400641E+22	1,035756E+22	8,167937E+21	8,167970E+21	1,035759E+22	1,400643E+22
296	1,797195E+22	2,119130E+22	2,296686E+22	2,296714E+22	2,119172E+22	1,797228E+22	1,400682E+22	1,035800E+22	8,168333E+21	8,168202E+21	1,035758E+22	1,400625E+22
297	1,797198E+22	2,119198E+22	2,296781E+22	2,296782E+22	2,119199E+22	1,797212E+22	1,400650E+22	1,035785E+22	8,168498E+21	8,168674E+21	1,035833E+22	1,400702E+22
298	1,797223E+22	2,119139E+22	2,296661E+22	2,296643E+22	2,119111E+22	1,797190E+22	1,400668E+22	1,035819E+22	8,168807E+21	8,168828E+21	1,035824E+22	1,400668E+22
299	1,797165E+22	2,119084E+22	2,296669E+22	2,296706E+22	2,119169E+22	1,797239E+22	1,400710E+22	1,035854E+22	8,169116E+21	8,169052E+21	1,035841E+22	1,400704E+22
300	1,797243E+22	2,119164E+22	2,296694E+22	2,296683E+22	2,119117E+22	1,797181E+22	1,400676E+22	1,035851E+22	8,169365E+21	8,169532E+21	1,035892E+22	1,400724E+22
301	1,797219E+22	2,119102E+22	2,296579E+22	2,296556E+22	2,119062E+22	1,797200E+22	1,400730E+22	1,035907E+22	8,169720E+21	8,169556E+21	1,035858E+22	1,400659E+22
302	1,797146E+22	2,119095E+22	2,296687E+22	2,296696E+22	2,119145E+22	1,797224E+22	1,400723E+22	1,035904E+22	8,169852E+21	8,169806E+21	1,035893E+22	1,400713E+22
303	1,797212E+22	2,119124E+22	2,296659E+22	2,296633E+22	2,119067E+22	1,797153E+22	1,400678E+22	1,035884E+22	8,169847E+21	8,169963E+21	1,035912E+22	1,400707E+22
304	1,797162E+22	2,119026E+22	2,296544E+22	2,296583E+22	2,119099E+22	1,797214E+22	1,400728E+22	1,035910E+22	8,169868E+21	8,169759E+21	1,035876E+22	1,400675E+22
305	1,797160E+22	2,119093E+22	2,296665E+22	2,296679E+22	2,119146E+22	1,797220E+22	1,400704E+22	1,035875E+22	8,169571E+21	8,169675E+21	1,035905E+22	1,400745E+22
306	1,797233E+22	2,119108E+22	2,296608E+22	2,296579E+22	2,119052E+22	1,797169E+22	1,400690E+22	1,035867E+22	8,169374E+21	8,169332E+21	1,035855E+22	1,400680E+22
307	1,797171E+22	2,119071E+22	2,296629E+22	2,296658E+22	2,119129E+22	1,797218E+22	1,400713E+22	1,035869E+22	8,169213E+21	8,169016E+21	1,035820E+22	1,400671E+22
308	1,797221E+22	2,119179E+22	2,296731E+22	2,296718E+22	2,119141E+22	1,797178E+22	1,400651E+22	1,035814E+22	8,168907E+21	8,169049E+21	1,035852E+22	1,400700E+22
309	1,797213E+22	2,119133E+22	2,296648E+22	2,296619E+22	2,119100E+22	1,797196E+22	1,400680E+22	1,035822E+22	8,168714E+21	8,168622E+21	1,035794E+22	1,400634E+22
310	1,797143E+22	2,119098E+22	2,296723E+22	2,296761E+22	2,119208E+22	1,797250E+22	1,400689E+22	1,035809E+22	8,168545E+21	8,168487E+21	1,035796E+22	1,400678E+22
311	1,797238E+22	2,119179E+22	2,296731E+22	2,296725E+22	2,119146E+22	1,797181E+22	1,400638E+22	1,035777E+22	8,168376E+21	8,168519E+21	1,035812E+22	1,400681E+22
312	1,797210E+22	2,119115E+22	2,296620E+22	2,296631E+22	2,119135E+22	1,797224E+22	1,400690E+22	1,035818E+22	8,168550E+21	8,168402E+21	1,035773E+22	1,400627E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797168E+22	2,119148E+22	2,296745E+22	2,296741E+22	2,119186E+22	1,797238E+22	1,400686E+22	1,035812E+22	8,168627E+21	8,168644E+21	1,035817E+22	1,400693E+22
314	1,797235E+22	2,119166E+22	2,296704E+22	2,296663E+22	2,119086E+22	1,797159E+22	1,400654E+22	1,035816E+22	8,168821E+21	8,168864E+21	1,035823E+22	1,400661E+22
315	1,797163E+22	2,119069E+22	2,296630E+22	2,296670E+22	2,119141E+22	1,797212E+22	1,400697E+22	1,035858E+22	8,169180E+21	8,169059E+21	1,035827E+22	1,400665E+22
316	1,797189E+22	2,119133E+22	2,296691E+22	2,296700E+22	2,119149E+22	1,797194E+22	1,400666E+22	1,035840E+22	8,169336E+21	8,169563E+21	1,035902E+22	1,400738E+22
317	1,797226E+22	2,119105E+22	2,296591E+22	2,296549E+22	2,119040E+22	1,797175E+22	1,400704E+22	1,035887E+22	8,169656E+21	8,169650E+21	1,035880E+22	1,400686E+22
318	1,797148E+22	2,119039E+22	2,296607E+22	2,296635E+22	2,119113E+22	1,797222E+22	1,400741E+22	1,035928E+22	8,170059E+21	8,169917E+21	1,035892E+22	1,400707E+22
319	1,797216E+22	2,119131E+22	2,296651E+22	2,296624E+22	2,119060E+22	1,797148E+22	1,400687E+22	1,035911E+22	8,170248E+21	8,170393E+21	1,035947E+22	1,400731E+22
320	1,797184E+22	2,119049E+22	2,296532E+22	2,296514E+22	2,119024E+22	1,797175E+22	1,400736E+22	1,035960E+22	8,170593E+21	8,170476E+21	1,035922E+22	1,400672E+22
321	1,797105E+22	2,119010E+22	2,296599E+22	2,296631E+22	2,119112E+22	1,797220E+22	1,400747E+22	1,035960E+22	8,170652E+21	8,170655E+21	1,035960E+22	1,400744E+22
322	1,797196E+22	2,119058E+22	2,296572E+22	2,296565E+22	2,119031E+22	1,797149E+22	1,400705E+22	1,035937E+22	8,170554E+21	8,170675E+21	1,035966E+22	1,400732E+22
323	1,797153E+22	2,118982E+22	2,296482E+22	2,296522E+22	2,119055E+22	1,797201E+22	1,400752E+22	1,035966E+22	8,170546E+21	8,170376E+21	1,035924E+22	1,400706E+22
324	1,797166E+22	2,119061E+22	2,296596E+22	2,296597E+22	2,119084E+22	1,797193E+22	1,400717E+22	1,035925E+22	8,170297E+21	8,170380E+21	1,035952E+22	1,400761E+22
325	1,797233E+22	2,119097E+22	2,296579E+22	2,296518E+22	2,118986E+22	1,797143E+22	1,400711E+22	1,035919E+22	8,170083E+21	8,170035E+21	1,035902E+22	1,400687E+22
326	1,797142E+22	2,119024E+22	2,296591E+22	2,296628E+22	2,119097E+22	1,797197E+22	1,400724E+22	1,035919E+22	8,169948E+21	8,169762E+21	1,035872E+22	1,400679E+22
327	1,797192E+22	2,119133E+22	2,296680E+22	2,296674E+22	2,119113E+22	1,797164E+22	1,400654E+22	1,035850E+22	8,169529E+21	8,169734E+21	1,035906E+22	1,400723E+22
328	1,797201E+22	2,119088E+22	2,296591E+22	2,296565E+22	2,119064E+22	1,797187E+22	1,400692E+22	1,035862E+22	8,169361E+21	8,169316E+21	1,035846E+22	1,400656E+22
329	1,797131E+22	2,119041E+22	2,296637E+22	2,296679E+22	2,119156E+22	1,797244E+22	1,400722E+22	1,035870E+22	8,169280E+21	8,169185E+21	1,035844E+22	1,400696E+22
330	1,797232E+22	2,119144E+22	2,296672E+22	2,296662E+22	2,119095E+22	1,797164E+22	1,400663E+22	1,035839E+22	8,169176E+21	8,169247E+21	1,035855E+22	1,400684E+22
331	1,797185E+22	2,119078E+22	2,296585E+22	2,296589E+22	2,119085E+22	1,797195E+22	1,400706E+22	1,035879E+22	8,169390E+21	8,169195E+21	1,035828E+22	1,400644E+22
332	1,797141E+22	2,119085E+22	2,296670E+22	2,296677E+22	2,119136E+22	1,797208E+22	1,400693E+22	1,035868E+22	8,169519E+21	8,169583E+21	1,035887E+22	1,400718E+22
333	1,797216E+22	2,119114E+22	2,296637E+22	2,296591E+22	2,119034E+22	1,797148E+22	1,400680E+22	1,035873E+22	8,169653E+21	8,169760E+21	1,035894E+22	1,400690E+22
334	1,797140E+22	2,119001E+22	2,296551E+22	2,296602E+22	2,119095E+22	1,797203E+22	1,400726E+22	1,035921E+22	8,170045E+21	8,169932E+21	1,035891E+22	1,400689E+22
335	1,797181E+22	2,119096E+22	2,296622E+22	2,296622E+22	2,119092E+22	1,797173E+22	1,400686E+22	1,035900E+22	8,170169E+21	8,170384E+21	1,035959E+22	1,400761E+22
336	1,797220E+22	2,119077E+22	2,296543E+22	2,296485E+22	2,118983E+22	1,797151E+22	1,400720E+22	1,035948E+22	8,170572E+21	8,170545E+21	1,035936E+22	1,400695E+22
337	1,797120E+22	2,118982E+22	2,296541E+22	2,296569E+22	2,119060E+22	1,797205E+22	1,400771E+22	1,035999E+22	8,171008E+21	8,170849E+21	1,035955E+22	1,400720E+22
338	1,797183E+22	2,119066E+22	2,296586E+22	2,296581E+22	2,119028E+22	1,797132E+22	1,400707E+22	1,035973E+22	8,171135E+21	8,171281E+21	1,036010E+22	1,400748E+22
339	1,797149E+22	2,118977E+22	2,296461E+22	2,296464E+22	2,118993E+22	1,797167E+22	1,400757E+22	1,036016E+22	8,171378E+21	8,171284E+21	1,035990E+22	1,400714E+22
340	1,797096E+22	2,118941E+22	2,296494E+22	2,296535E+22	2,119053E+22	1,797204E+22	1,400769E+22	1,036014E+22	8,171414E+21	8,171452E+21	1,036025E+22	1,400781E+22
341	1,797206E+22	2,119032E+22	2,296504E+22	2,296469E+22	2,118953E+22	1,797129E+22	1,400735E+22	1,035996E+22	8,171280E+21	8,171375E+21	1,036015E+22	1,400751E+22
342	1,797145E+22	2,118954E+22	2,296436E+22	2,296461E+22	2,118996E+22	1,797174E+22	1,400769E+22	1,036022E+22	8,171311E+21	8,171090E+21	1,035965E+22	1,400708E+22
343	1,797151E+22	2,119048E+22	2,296571E+22	2,296555E+22	2,119033E+22	1,797157E+22	1,400716E+22	1,035966E+22	8,170968E+21	8,171068E+21	1,035998E+22	1,400768E+22
344	1,797209E+22	2,119063E+22	2,296551E+22	2,296496E+22	2,118962E+22	1,797122E+22	1,400707E+22	1,035955E+22	8,170747E+21	8,170740E+21	1,035951E+22	1,400696E+22
345	1,797109E+22	2,118959E+22	2,296522E+22	2,296583E+22	2,119079E+22	1,797203E+22	1,400750E+22	1,035965E+22	8,170584E+21	8,170429E+21	1,035924E+22	1,400699E+22
346	1,797173E+22	2,119075E+22	2,296610E+22	2,296626E+22	2,119087E+22	1,797166E+22	1,400685E+22	1,035901E+22	8,170160E+21	8,170330E+21	1,035947E+22	1,400736E+22
347	1,797183E+22	2,119042E+22	2,296532E+22	2,296513E+22	2,119026E+22	1,797182E+22	1,400722E+22	1,035921E+22	8,170058E+21	8,169951E+21	1,035893E+22	1,400679E+22
348	1,797123E+22	2,118997E+22	2,296558E+22	2,296593E+22	2,119090E+22	1,797220E+22	1,400743E+22	1,035930E+22	8,170111E+21	8,170000E+21	1,035900E+22	1,400710E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797215E+22	2,119112E+22	2,296622E+22	2,296586E+22	2,119021E+22	1,797135E+22	1,400687E+22	1,035901E+22	8,170037E+21	8,170125E+21	1,035918E+22	1,400699E+22
350	1,797151E+22	2,119016E+22	2,296524E+22	2,296541E+22	2,119043E+22	1,797168E+22	1,400715E+22	1,035935E+22	8,170275E+21	8,170127E+21	1,035897E+22	1,400666E+22
351	1,797123E+22	2,119039E+22	2,296599E+22	2,296609E+22	2,119086E+22	1,797182E+22	1,400696E+22	1,035911E+22	8,170280E+21	8,170438E+21	1,035957E+22	1,400756E+22
352	1,797214E+22	2,119073E+22	2,296570E+22	2,296524E+22	2,118983E+22	1,797127E+22	1,400691E+22	1,035923E+22	8,170435E+21	8,170572E+21	1,035955E+22	1,400719E+22
353	1,797135E+22	2,118955E+22	2,296473E+22	2,296522E+22	2,119039E+22	1,797192E+22	1,400760E+22	1,035989E+22	8,170890E+21	8,170736E+21	1,035946E+22	1,400707E+22
354	1,797167E+22	2,119056E+22	2,296569E+22	2,296567E+22	2,119042E+22	1,797156E+22	1,400716E+22	1,035969E+22	8,171063E+21	8,171200E+21	1,036006E+22	1,400761E+22
355	1,797184E+22	2,119029E+22	2,296501E+22	2,296450E+22	2,118946E+22	1,797135E+22	1,400746E+22	1,036016E+22	8,171474E+21	8,171422E+21	1,035999E+22	1,400712E+22
356	1,797084E+22	2,118907E+22	2,296448E+22	2,296497E+22	2,119017E+22	1,797190E+22	1,400792E+22	1,036063E+22	8,171945E+21	8,171825E+21	1,036029E+22	1,400745E+22
357	1,797156E+22	2,119003E+22	2,296503E+22	2,296495E+22	2,118972E+22	1,797128E+22	1,400742E+22	1,036036E+22	8,171984E+21	8,172163E+21	1,036079E+22	1,400779E+22
358	1,797129E+22	2,118912E+22	2,296376E+22	2,296389E+22	2,118940E+22	1,797151E+22	1,400784E+22	1,036079E+22	8,172209E+21	8,172099E+21	1,036049E+22	1,400739E+22
359	1,797098E+22	2,118916E+22	2,296426E+22	2,296451E+22	2,118983E+22	1,797171E+22	1,400780E+22	1,036065E+22	8,172151E+21	8,172181E+21	1,036077E+22	1,400805E+22
360	1,797208E+22	2,119022E+22	2,296473E+22	2,296415E+22	2,118894E+22	1,797094E+22	1,400739E+22	1,036043E+22	8,172025E+21	8,172103E+21	1,036062E+22	1,400761E+22
361	1,797125E+22	2,118918E+22	2,296394E+22	2,296418E+22	2,118952E+22	1,797151E+22	1,400784E+22	1,036073E+22	8,172032E+21	8,171819E+21	1,036017E+22	1,400718E+22
362	1,797121E+22	2,118997E+22	2,296529E+22	2,296538E+22	2,119018E+22	1,797146E+22	1,400727E+22	1,036009E+22	8,171622E+21	8,171734E+21	1,036044E+22	1,400778E+22
363	1,797177E+22	2,119006E+22	2,296498E+22	2,296469E+22	2,118950E+22	1,797125E+22	1,400727E+22	1,035996E+22	8,171323E+21	8,171352E+21	1,036003E+22	1,400724E+22
364	1,797095E+22	2,118896E+22	2,296422E+22	2,296497E+22	2,119032E+22	1,797198E+22	1,400778E+22	1,036018E+22	8,171264E+21	8,171104E+21	1,035974E+22	1,400721E+22
365	1,797166E+22	2,119042E+22	2,296542E+22	2,296538E+22	2,119021E+22	1,797155E+22	1,400720E+22	1,035963E+22	8,170896E+21	8,171011E+21	1,035991E+22	1,400746E+22
366	1,797161E+22	2,119000E+22	2,296477E+22	2,296452E+22	2,118967E+22	1,797152E+22	1,400742E+22	1,035984E+22	8,170897E+21	8,170745E+21	1,035941E+22	1,400683E+22
367	1,797102E+22	2,118968E+22	2,296509E+22	2,296533E+22	2,119027E+22	1,797178E+22	1,400744E+22	1,035978E+22	8,170894E+21	8,170834E+21	1,035962E+22	1,400731E+22
368	1,797193E+22	2,119070E+22	2,296573E+22	2,296541E+22	2,118979E+22	1,797105E+22	1,400685E+22	1,035944E+22	8,170813E+21	8,170967E+21	1,035984E+22	1,400725E+22
369	1,797128E+22	2,118955E+22	2,296445E+22	2,296477E+22	2,119005E+22	1,797162E+22	1,400739E+22	1,035987E+22	8,171016E+21	8,170923E+21	1,035962E+22	1,400699E+22
370	1,797114E+22	2,118988E+22	2,296531E+22	2,296556E+22	2,119048E+22	1,797173E+22	1,400723E+22	1,035969E+22	8,171028E+21	8,171152E+21	1,036007E+22	1,400776E+22
371	1,797204E+22	2,119036E+22	2,296515E+22	2,296474E+22	2,118945E+22	1,797119E+22	1,400722E+22	1,035988E+22	8,171242E+21	8,171331E+21	1,036009E+22	1,400740E+22
372	1,797119E+22	2,118911E+22	2,296397E+22	2,296439E+22	2,118976E+22	1,797173E+22	1,400793E+22	1,036064E+22	8,171866E+21	8,171671E+21	1,036008E+22	1,400719E+22
373	1,797136E+22	2,119010E+22	2,296514E+22	2,296498E+22	2,118980E+22	1,797138E+22	1,400751E+22	1,036045E+22	8,172061E+21	8,172180E+21	1,036074E+22	1,400773E+22
374	1,797138E+22	2,118950E+22	2,296425E+22	2,296397E+22	2,118908E+22	1,797118E+22	1,400768E+22	1,036085E+22	8,172470E+21	8,172440E+21	1,036073E+22	1,400737E+22
375	1,797064E+22	2,118850E+22	2,296356E+22	2,296408E+22	2,118957E+22	1,797166E+22	1,400804E+22	1,036114E+22	8,172769E+21	8,172733E+21	1,036104E+22	1,400787E+22
376	1,797155E+22	2,118960E+22	2,296426E+22	2,296411E+22	2,118908E+22	1,797099E+22	1,400755E+22	1,036090E+22	8,172777E+21	8,172956E+21	1,036139E+22	1,400810E+22
377	1,797128E+22	2,118878E+22	2,296308E+22	2,296310E+22	2,118878E+22	1,797127E+22	1,400806E+22	1,036137E+22	8,172977E+21	8,172831E+21	1,036100E+22	1,400759E+22
378	1,797090E+22	2,118891E+22	2,296396E+22	2,296413E+22	2,118932E+22	1,797137E+22	1,400791E+22	1,036117E+22	8,172876E+21	8,172851E+21	1,036115E+22	1,400805E+22
379	1,797178E+22	2,118984E+22	2,296447E+22	2,296403E+22	2,118875E+22	1,797077E+22	1,400750E+22	1,036089E+22	8,172682E+21	8,172779E+21	1,036113E+22	1,400773E+22
380	1,797091E+22	2,118857E+22	2,296324E+22	2,296369E+22	2,118929E+22	1,797146E+22	1,400801E+22	1,036119E+22	8,172722E+21	8,172548E+21	1,036072E+22	1,400735E+22
381	1,797092E+22	2,118940E+22	2,296459E+22	2,296469E+22	2,118981E+22	1,797154E+22	1,400764E+22	1,036061E+22	8,172276E+21	8,172389E+21	1,036093E+22	1,400795E+22
382	1,797151E+22	2,118943E+22	2,296420E+22	2,296407E+22	2,118916E+22	1,797121E+22	1,400760E+22	1,036056E+22	8,172047E+21	8,172026E+21	1,036046E+22	1,400739E+22
383	1,797093E+22	2,118872E+22	2,296350E+22	2,296408E+22	2,118966E+22	1,797170E+22	1,400791E+22	1,036068E+22	8,171972E+21	8,171803E+21	1,036024E+22	1,400740E+22
384	1,797158E+22	2,119019E+22	2,296499E+22	2,296475E+22	2,118956E+22	1,797115E+22	1,400725E+22	1,036014E+22	8,171671E+21	8,171761E+21	1,036042E+22	1,400760E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797138E+22	2,118957E+22	2,296425E+22	2,296401E+22	2,118917E+22	1,797120E+22	1,400751E+22	1,036035E+22	8,171668E+21	8,171553E+21	1,036004E+22	1,400707E+22
386	1,797077E+22	2,118913E+22	2,296460E+22	2,296500E+22	2,118994E+22	1,797152E+22	1,400748E+22	1,036021E+22	8,171603E+21	8,171587E+21	1,036021E+22	1,400757E+22
387	1,797176E+22	2,119020E+22	2,296514E+22	2,296498E+22	2,118955E+22	1,797101E+22	1,400705E+22	1,035989E+22	8,171457E+21	8,171680E+21	1,036046E+22	1,400762E+22
388	1,797124E+22	2,118907E+22	2,296356E+22	2,296388E+22	2,118950E+22	1,797151E+22	1,400770E+22	1,036049E+22	8,171811E+21	8,171701E+21	1,036018E+22	1,400722E+22
389	1,797107E+22	2,118960E+22	2,296472E+22	2,296472E+22	2,118985E+22	1,797164E+22	1,400764E+22	1,036043E+22	8,171928E+21	8,171964E+21	1,036055E+22	1,400780E+22
390	1,797172E+22	2,118988E+22	2,296462E+22	2,296423E+22	2,118899E+22	1,797097E+22	1,400752E+22	1,036066E+22	8,172264E+21	8,172279E+21	1,036063E+22	1,400741E+22
391	1,797087E+22	2,118863E+22	2,296329E+22	2,296372E+22	2,118922E+22	1,797142E+22	1,400806E+22	1,036128E+22	8,172834E+21	8,172676E+21	1,036081E+22	1,400741E+22
392	1,797100E+22	2,118944E+22	2,296443E+22	2,296439E+22	2,118937E+22	1,797114E+22	1,400763E+22	1,036106E+22	8,172992E+21	8,173143E+21	1,036149E+22	1,400805E+22
393	1,797111E+22	2,118875E+22	2,296329E+22	2,296314E+22	2,118857E+22	1,797106E+22	1,400797E+22	1,036148E+22	8,173325E+21	8,173332E+21	1,036146E+22	1,400776E+22
394	1,797055E+22	2,118795E+22	2,296282E+22	2,296339E+22	2,118902E+22	1,797143E+22	1,400826E+22	1,036174E+22	8,173553E+21	8,173490E+21	1,036158E+22	1,400813E+22
395	1,797152E+22	2,118932E+22	2,296375E+22	2,296353E+22	2,118861E+22	1,797080E+22	1,400774E+22	1,036144E+22	8,173501E+21	8,173681E+21	1,036193E+22	1,400832E+22
396	1,797118E+22	2,118844E+22	2,296248E+22	2,296236E+22	2,118817E+22	1,797101E+22	1,400825E+22	1,036195E+22	8,173787E+21	8,173628E+21	1,036153E+22	1,400771E+22
397	1,797066E+22	2,118855E+22	2,296356E+22	2,296364E+22	2,118892E+22	1,797123E+22	1,400812E+22	1,036173E+22	8,173652E+21	8,173615E+21	1,036167E+22	1,400815E+22
398	1,797139E+22	2,118917E+22	2,296385E+22	2,296369E+22	2,118862E+22	1,797071E+22	1,400768E+22	1,036141E+22	8,173435E+21	8,173534E+21	1,036164E+22	1,400790E+22
399	1,797076E+22	2,118809E+22	2,296244E+22	2,296291E+22	2,118885E+22	1,797134E+22	1,400818E+22	1,036162E+22	8,173355E+21	8,173230E+21	1,036127E+22	1,400765E+22
400	1,797085E+22	2,118899E+22	2,296394E+22	2,296395E+22	2,118926E+22	1,797131E+22	1,400781E+22	1,036113E+22	8,172946E+21	8,173006E+21	1,036135E+22	1,400811E+22
401	1,797139E+22	2,118907E+22	2,296358E+22	2,296331E+22	2,118856E+22	1,797099E+22	1,400782E+22	1,036112E+22	8,172765E+21	8,172697E+21	1,036090E+22	1,400751E+22
402	1,797075E+22	2,118840E+22	2,296319E+22	2,296365E+22	2,118912E+22	1,797133E+22	1,400798E+22	1,036117E+22	8,172678E+21	8,172483E+21	1,036066E+22	1,400747E+22
403	1,797131E+22	2,118978E+22	2,296463E+22	2,296449E+22	2,118931E+22	1,797094E+22	1,400731E+22	1,036056E+22	8,172327E+21	8,172487E+21	1,036101E+22	1,400782E+22
404	1,797113E+22	2,118898E+22	2,296352E+22	2,296338E+22	2,118883E+22	1,797109E+22	1,400767E+22	1,036083E+22	8,172394E+21	8,172333E+21	1,036066E+22	1,400737E+22
405	1,797063E+22	2,118867E+22	2,296396E+22	2,296430E+22	2,118954E+22	1,797151E+22	1,400780E+22	1,036078E+22	8,172337E+21	8,172312E+21	1,036074E+22	1,400779E+22
406	1,797159E+22	2,118966E+22	2,296445E+22	2,296440E+22	2,118922E+22	1,797094E+22	1,400738E+22	1,036057E+22	8,172307E+21	8,172458E+21	1,036093E+22	1,400777E+22
407	1,797121E+22	2,118883E+22	2,296292E+22	2,296303E+22	2,118887E+22	1,797127E+22	1,400793E+22	1,036113E+22	8,172696E+21	8,172568E+21	1,036077E+22	1,400740E+22
408	1,797086E+22	2,118921E+22	2,296423E+22	2,296408E+22	2,118924E+22	1,797129E+22	1,400783E+22	1,036114E+22	8,172906E+21	8,172895E+21	1,036116E+22	1,400791E+22
409	1,797133E+22	2,118922E+22	2,296394E+22	2,296364E+22	2,118856E+22	1,797076E+22	1,400773E+22	1,036135E+22	8,173249E+21	8,173291E+21	1,036140E+22	1,400769E+22
410	1,797054E+22	2,118790E+22	2,296258E+22	2,296314E+22	2,118879E+22	1,797119E+22	1,400818E+22	1,036183E+22	8,173700E+21	8,173589E+21	1,036153E+22	1,400776E+22
411	1,797084E+22	2,118877E+22	2,296357E+22	2,296366E+22	2,118896E+22	1,797104E+22	1,400786E+22	1,036159E+22	8,173742E+21	8,173971E+21	1,036220E+22	1,400848E+22
412	1,797111E+22	2,118825E+22	2,296235E+22	2,296212E+22	2,118787E+22	1,797083E+22	1,400823E+22	1,036212E+22	8,174157E+21	8,174147E+21	1,036206E+22	1,400806E+22
413	1,797056E+22	2,118772E+22	2,296229E+22	2,296254E+22	2,118831E+22	1,797118E+22	1,400851E+22	1,036239E+22	8,174400E+21	8,174266E+21	1,036205E+22	1,400821E+22
414	1,797127E+22	2,118892E+22	2,296335E+22	2,296311E+22	2,118821E+22	1,797057E+22	1,400793E+22	1,036208E+22	8,174377E+21	8,174500E+21	1,036239E+22	1,400834E+22
415	1,797095E+22	2,118809E+22	2,296199E+22	2,296183E+22	2,118777E+22	1,797076E+22	1,400831E+22	1,036242E+22	8,174548E+21	8,174438E+21	1,036212E+22	1,400788E+22
416	1,797037E+22	2,118799E+22	2,296300E+22	2,296317E+22	2,118862E+22	1,797109E+22	1,400826E+22	1,036222E+22	8,174367E+21	8,174324E+21	1,036218E+22	1,400832E+22
417	1,797113E+22	2,118852E+22	2,296307E+22	2,296305E+22	2,118830E+22	1,797071E+22	1,400797E+22	1,036194E+22	8,174113E+21	8,174205E+21	1,036215E+22	1,400813E+22
418	1,797061E+22	2,118760E+22	2,296185E+22	2,296231E+22	2,118838E+22	1,797115E+22	1,400837E+22	1,036213E+22	8,174005E+21	8,173830E+21	1,036167E+22	1,400780E+22
419	1,797076E+22	2,118864E+22	2,296345E+22	2,296339E+22	2,118883E+22	1,797116E+22	1,400800E+22	1,036161E+22	8,173586E+21	8,173659E+21	1,036183E+22	1,400826E+22
420	1,797122E+22	2,118868E+22	2,296303E+22	2,296261E+22	2,118795E+22	1,797069E+22	1,400797E+22	1,036167E+22	8,173536E+21	8,173475E+21	1,036146E+22	1,400768E+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°
421	1,797053E+22	2,118800E+22	2,296277E+22	2,296315E+22	2,118871E+22	1,797112E+22	1,400809E+22	1,036167E+22	8,173440E+21	8,173266E+21	1,036124E+22	1,400766E+22
422	1,797104E+22	2,118916E+22	2,296402E+22	2,296406E+22	2,118912E+22	1,797086E+22	1,400746E+22	1,036105E+22	8,173082E+21	8,173268E+21	1,036157E+22	1,400809E+22
423	1,797114E+22	2,118859E+22	2,296276E+22	2,296256E+22	2,118832E+22	1,797093E+22	1,400782E+22	1,036128E+22	8,173084E+21	8,173076E+21	1,036125E+22	1,400770E+22
424	1,797065E+22	2,118835E+22	2,296339E+22	2,296361E+22	2,118899E+22	1,797126E+22	1,400800E+22	1,036139E+22	8,173119E+21	8,173020E+21	1,036119E+22	1,400793E+22
425	1,797144E+22	2,118927E+22	2,296387E+22	2,296371E+22	2,118869E+22	1,797075E+22	1,400764E+22	1,036125E+22	8,173188E+21	8,173283E+21	1,036145E+22	1,400785E+22
426	1,797088E+22	2,118833E+22	2,296255E+22	2,296259E+22	2,118836E+22	1,797097E+22	1,400809E+22	1,036176E+22	8,173593E+21	8,173443E+21	1,036134E+22	1,400750E+22
427	1,797048E+22	2,118853E+22	2,296363E+22	2,296366E+22	2,118898E+22	1,797117E+22	1,400800E+22	1,036169E+22	8,173746E+21	8,173823E+21	1,036190E+22	1,400816E+22
428	1,797098E+22	2,118841E+22	2,296294E+22	2,296273E+22	2,118805E+22	1,797066E+22	1,400800E+22	1,036199E+22	8,174156E+21	8,174247E+21	1,036216E+22	1,400806E+22
429	1,797041E+22	2,118732E+22	2,296172E+22	2,296220E+22	2,118821E+22	1,797110E+22	1,400850E+22	1,036250E+22	8,174574E+21	8,174446E+21	1,036216E+22	1,400807E+22
430	1,797077E+22	2,118825E+22	2,296278E+22	2,296288E+22	2,118843E+22	1,797087E+22	1,400814E+22	1,036229E+22	8,174659E+21	8,174810E+21	1,036272E+22	1,400868E+22
431	1,797118E+22	2,118806E+22	2,296176E+22	2,296124E+22	2,118712E+22	1,797047E+22	1,400836E+22	1,036271E+22	8,175019E+21	8,175005E+21	1,036264E+22	1,400826E+22
432	1,797042E+22	2,118745E+22	2,296198E+22	2,296208E+22	2,118773E+22	1,797077E+22	1,400860E+22	1,036299E+22	8,175261E+21	8,175091E+21	1,036259E+22	1,400829E+22
433	1,797091E+22	2,118834E+22	2,296281E+22	2,296271E+22	2,118795E+22	1,797043E+22	1,400809E+22	1,036263E+22	8,175196E+21	8,175346E+21	1,036301E+22	1,400852E+22
434	1,797060E+22	2,118743E+22	2,296146E+22	2,296143E+22	2,118750E+22	1,797068E+22	1,400845E+22	1,036286E+22	8,175226E+21	8,175155E+21	1,036267E+22	1,400812E+22
435	1,797020E+22	2,118739E+22	2,296226E+22	2,296258E+22	2,118834E+22	1,797112E+22	1,400852E+22	1,036266E+22	8,174960E+21	8,174972E+21	1,036271E+22	1,400854E+22
436	1,797103E+22	2,118803E+22	2,296225E+22	2,296214E+22	2,118769E+22	1,797057E+22	1,400826E+22	1,036254E+22	8,174841E+21	8,174882E+21	1,036261E+22	1,400830E+22
437	1,797054E+22	2,118734E+22	2,296137E+22	2,296157E+22	2,118775E+22	1,797093E+22	1,400857E+22	1,036270E+22	8,174760E+21	8,174520E+21	1,036208E+22	1,400785E+22
438	1,797050E+22	2,118818E+22	2,296300E+22	2,296298E+22	2,118846E+22	1,797093E+22	1,400813E+22	1,036216E+22	8,174375E+21	8,174416E+21	1,036229E+22	1,400835E+22
439	1,797109E+22	2,118830E+22	2,296249E+22	2,296206E+22	2,118751E+22	1,797042E+22	1,400797E+22	1,036205E+22	8,174223E+21	8,174255E+21	1,036210E+22	1,400797E+22
440	1,797040E+22	2,118754E+22	2,296223E+22	2,296264E+22	2,118830E+22	1,797090E+22	1,400818E+22	1,036211E+22	8,174099E+21	8,173952E+21	1,036177E+22	1,400791E+22
441	1,797092E+22	2,118864E+22	2,296332E+22	2,296344E+22	2,118878E+22	1,797083E+22	1,400773E+22	1,036159E+22	8,173778E+21	8,173963E+21	1,036209E+22	1,400832E+22
442	1,797105E+22	2,118823E+22	2,296233E+22	2,296201E+22	2,118785E+22	1,797075E+22	1,400799E+22	1,036181E+22	8,173794E+21	8,173745E+21	1,036168E+22	1,400782E+22
443	1,797053E+22	2,118798E+22	2,296289E+22	2,296304E+22	2,118856E+22	1,797115E+22	1,400825E+22	1,036195E+22	8,173887E+21	8,173801E+21	1,036172E+22	1,400798E+22
444	1,797111E+22	2,118872E+22	2,296323E+22	2,296303E+22	2,118813E+22	1,797054E+22	1,400790E+22	1,036195E+22	8,174131E+21	8,174215E+21	1,036211E+22	1,400802E+22
445	1,797056E+22	2,118770E+22	2,296188E+22	2,296194E+22	2,118791E+22	1,797081E+22	1,400828E+22	1,036242E+22	8,174541E+21	8,174405E+21	1,036205E+22	1,400774E+22
446	1,797018E+22	2,118772E+22	2,296270E+22	2,296294E+22	2,118860E+22	1,797112E+22	1,400828E+22	1,036235E+22	8,174675E+21	8,174763E+21	1,036258E+22	1,400851E+22
447	1,797102E+22	2,118794E+22	2,296200E+22	2,296167E+22	2,118729E+22	1,797039E+22	1,400819E+22	1,036257E+22	8,175009E+21	8,175147E+21	1,036287E+22	1,400846E+22
448	1,797047E+22	2,118703E+22	2,296111E+22	2,296136E+22	2,118742E+22	1,797067E+22	1,400865E+22	1,036316E+22	8,175454E+21	8,175262E+21	1,036269E+22	1,400824E+22
449	1,797066E+22	2,118793E+22	2,296228E+22	2,296223E+22	2,118784E+22	1,797059E+22	1,400833E+22	1,036295E+22	8,175572E+21	8,175688E+21	1,036327E+22	1,400877E+22
450	1,797086E+22	2,118764E+22	2,296152E+22	2,296095E+22	2,118669E+22	1,797016E+22	1,400843E+22	1,036324E+22	8,175841E+21	8,175832E+21	1,036319E+22	1,400835E+22
451	1,797008E+22	2,118685E+22	2,296147E+22	2,296179E+22	2,118762E+22	1,797076E+22	1,400877E+22	1,036345E+22	8,175983E+21	8,175903E+21	1,036322E+22	1,400845E+22
452	1,797055E+22	2,118760E+22	2,296195E+22	2,296199E+22	2,118760E+22	1,797048E+22	1,400842E+22	1,036322E+22	8,175965E+21	8,176130E+21	1,036362E+22	1,400879E+22
453	1,797042E+22	2,118684E+22	2,296066E+22	2,296067E+22	2,118708E+22	1,797070E+22	1,400880E+22	1,036348E+22	8,175980E+21	8,175863E+21	1,036316E+22	1,400832E+22
454	1,797007E+22	2,118686E+22	2,296147E+22	2,296187E+22	2,118790E+22	1,797105E+22	1,400883E+22	1,036330E+22	8,175753E+21	8,175684E+21	1,036312E+22	1,400868E+22
455	1,797104E+22	2,118778E+22	2,296162E+22	2,296128E+22	2,118694E+22	1,797023E+22	1,400837E+22	1,036305E+22	8,175596E+21	8,175658E+21	1,036317E+22	1,400850E+22
456	1,797044E+22	2,118707E+22	2,296105E+22	2,296113E+22	2,118715E+22	1,797046E+22	1,400858E+22	1,036320E+22	8,175495E+21	8,175258E+21	1,036262E+22	1,400801E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,797029E+22	2,118771E+22	2,296246E+22	2,296255E+22	2,118812E+22	1,797071E+22	1,400817E+22	1,036257E+22	8,175070E+21	8,175173E+21	1,036289E+22	1,400861E+22
458	1,797088E+22	2,118781E+22	2,296203E+22	2,296165E+22	2,118717E+22	1,797026E+22	1,400802E+22	1,036238E+22	8,174782E+21	8,174878E+21	1,036261E+22	1,400825E+22
459	1,797039E+22	2,118715E+22	2,296166E+22	2,296213E+22	2,118800E+22	1,797088E+22	1,400838E+22	1,036248E+22	8,174639E+21	8,174549E+21	1,036223E+22	1,400806E+22
460	1,797080E+22	2,118826E+22	2,296265E+22	2,296264E+22	2,118819E+22	1,797072E+22	1,400804E+22	1,036221E+22	8,174538E+21	8,174650E+21	1,036250E+22	1,400839E+22
461	1,797086E+22	2,118790E+22	2,296186E+22	2,296142E+22	2,118735E+22	1,797061E+22	1,400826E+22	1,036247E+22	8,174662E+21	8,174541E+21	1,036213E+22	1,400781E+22
462	1,797014E+22	2,118736E+22	2,296226E+22	2,296259E+22	2,118824E+22	1,797103E+22	1,400850E+22	1,036264E+22	8,174840E+21	8,174710E+21	1,036228E+22	1,400807E+22
463	1,797082E+22	2,118808E+22	2,296240E+22	2,296227E+22	2,118760E+22	1,797033E+22	1,400805E+22	1,036252E+22	8,175033E+21	8,175192E+21	1,036289E+22	1,400837E+22
464	1,797037E+22	2,118708E+22	2,296111E+22	2,296122E+22	2,118730E+22	1,797053E+22	1,400848E+22	1,036305E+22	8,175407E+21	8,175290E+21	1,036274E+22	1,400808E+22
465	1,797007E+22	2,118714E+22	2,296181E+22	2,296208E+22	2,118800E+22	1,797093E+22	1,400854E+22	1,036301E+22	8,175565E+21	8,175654E+21	1,036325E+22	1,400881E+22
466	1,797093E+22	2,118759E+22	2,296149E+22	2,296099E+22	2,118664E+22	1,797008E+22	1,400833E+22	1,036315E+22	8,175841E+21	8,175969E+21	1,036345E+22	1,400867E+22
467	1,797041E+22	2,118675E+22	2,296068E+22	2,296084E+22	2,118694E+22	1,797047E+22	1,400882E+22	1,036369E+22	8,176264E+21	8,176129E+21	1,036330E+22	1,400834E+22
468	1,797034E+22	2,118742E+22	2,296172E+22	2,296167E+22	2,118736E+22	1,797040E+22	1,400856E+22	1,036361E+22	8,176495E+21	8,176612E+21	1,036393E+22	1,400896E+22
469	1,797055E+22	2,118702E+22	2,296087E+22	2,296049E+22	2,118646E+22	1,797014E+22	1,400865E+22	1,036383E+22	8,176704E+21	8,176706E+21	1,036383E+22	1,400856E+22
470	1,796980E+22	2,118607E+22	2,296053E+22	2,296117E+22	2,118739E+22	1,797085E+22	1,400913E+22	1,036407E+22	8,176797E+21	8,176696E+21	1,036378E+22	1,400872E+22
471	1,797053E+22	2,118712E+22	2,296104E+22	2,296102E+22	2,118693E+22	1,797031E+22	1,400868E+22	1,036379E+22	8,176713E+21	8,176885E+21	1,036420E+22	1,400909E+22
472	1,797043E+22	2,118656E+22	2,296009E+22	2,295989E+22	2,118627E+22	1,797028E+22	1,400897E+22	1,036409E+22	8,176735E+21	8,176551E+21	1,036361E+22	1,400843E+22
473	1,796992E+22	2,118653E+22	2,296095E+22	2,296123E+22	2,118728E+22	1,797074E+22	1,400897E+22	1,036385E+22	8,176527E+21	8,176447E+21	1,036364E+22	1,400877E+22
474	1,797074E+22	2,118744E+22	2,296138E+22	2,296098E+22	2,118649E+22	1,796986E+22	1,400832E+22	1,036340E+22	8,176230E+21	8,176346E+21	1,036368E+22	1,400866E+22
475	1,797023E+22	2,118664E+22	2,296058E+22	2,296081E+22	2,118697E+22	1,797037E+22	1,400861E+22	1,036346E+22	8,176029E+21	8,175917E+21	1,036316E+22	1,400820E+22
476	1,797007E+22	2,118718E+22	2,296176E+22	2,296194E+22	2,118776E+22	1,797070E+22	1,400843E+22	1,036304E+22	8,175693E+21	8,175805E+21	1,036339E+22	1,400885E+22
477	1,797080E+22	2,118740E+22	2,296140E+22	2,296110E+22	2,118685E+22	1,797025E+22	1,400830E+22	1,036292E+22	8,175453E+21	8,175484E+21	1,036298E+22	1,400835E+22
478	1,797024E+22	2,118674E+22	2,296101E+22	2,296155E+22	2,118766E+22	1,797088E+22	1,400874E+22	1,036314E+22	8,175436E+21	8,175239E+21	1,036260E+22	1,400809E+22
479	1,797064E+22	2,118792E+22	2,296207E+22	2,296190E+22	2,118751E+22	1,797045E+22	1,400826E+22	1,036283E+22	8,175396E+21	8,175508E+21	1,036310E+22	1,400851E+22
480	1,797056E+22	2,118742E+22	2,296137E+22	2,296094E+22	2,118675E+22	1,797020E+22	1,400841E+22	1,036313E+22	8,175573E+21	8,175456E+21	1,036280E+22	1,400799E+22
481	1,796980E+22	2,118664E+22	2,296139E+22	2,296193E+22	2,118783E+22	1,797088E+22	1,400868E+22	1,036323E+22	8,175751E+21	8,175694E+21	1,036307E+22	1,400842E+22
482	1,797058E+22	2,118745E+22	2,296165E+22	2,296154E+22	2,118705E+22	1,797011E+22	1,400818E+22	1,036301E+22	8,175807E+21	8,176045E+21	1,036360E+22	1,400879E+22
483	1,797041E+22	2,118668E+22	2,296036E+22	2,296046E+22	2,118675E+22	1,797034E+22	1,400866E+22	1,036354E+22	8,176155E+21	8,176103E+21	1,036336E+22	1,400835E+22
484	1,797002E+22	2,118681E+22	2,296114E+22	2,296122E+22	2,118726E+22	1,797066E+22	1,400881E+22	1,036370E+22	8,176470E+21	8,176507E+21	1,036383E+22	1,400899E+22
485	1,797078E+22	2,118726E+22	2,296103E+22	2,296050E+22	2,118619E+22	1,796987E+22	1,400855E+22	1,036382E+22	8,176768E+21	8,176850E+21	1,036399E+22	1,400873E+22
486	1,797006E+22	2,118619E+22	2,296010E+22	2,296047E+22	2,118673E+22	1,797043E+22	1,400911E+22	1,036437E+22	8,177196E+21	8,177027E+21	1,036389E+22	1,400848E+22
487	1,797005E+22	2,118678E+22	2,296090E+22	2,296094E+22	2,118691E+22	1,797031E+22	1,400882E+22	1,036421E+22	8,177358E+21	8,177525E+21	1,036465E+22	1,400926E+22
488	1,797035E+22	2,118642E+22	2,296010E+22	2,295982E+22	2,118593E+22	1,796998E+22	1,400897E+22	1,036450E+22	8,177518E+21	8,177500E+21	1,036442E+22	1,400882E+22
489	1,796968E+22	2,118553E+22	2,295962E+22	2,296032E+22	2,118684E+22	1,797071E+22	1,400942E+22	1,036472E+22	8,177621E+21	8,177486E+21	1,036434E+22	1,400891E+22
490	1,797034E+22	2,118676E+22	2,296051E+22	2,296030E+22	2,118626E+22	1,796997E+22	1,400880E+22	1,036429E+22	8,177432E+21	8,177588E+21	1,036469E+22	1,400926E+22
491	1,797033E+22	2,118631E+22	2,295972E+22	2,295942E+22	2,118576E+22	1,796996E+22	1,400902E+22	1,036447E+22	8,177393E+21	8,177279E+21	1,036413E+22	1,400852E+22
492	1,796964E+22	2,118610E+22	2,296046E+22	2,296072E+22	2,118677E+22	1,797043E+22	1,400906E+22	1,036433E+22	8,177252E+21	8,177196E+21	1,036421E+22	1,400898E+22

1 Longitude \odot	2	3	4	5	6	7	8	9	10	11	12	13
Years	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
493	1,797051E+22	2,118694E+22	2,296081E+22	2,296061E+22	2,118633E+22	1,796980E+22	1,400842E+22	1,036380E+22	8,176873E+21	8,177020E+21	1,036419E+22	1,400888E+22
494	1,797007E+22	2,118613E+22	2,295988E+22	2,296030E+22	2,118679E+22	1,797045E+22	1,400889E+22	1,036393E+22	8,176647E+21	8,176509E+21	1,036357E+22	1,400842E+22
495	1,797007E+22	2,118684E+22	2,296105E+22	2,296113E+22	2,118718E+22	1,797054E+22	1,400867E+22	1,036357E+22	8,176361E+21	8,176443E+21	1,036383E+22	1,400902E+22
496	1,797073E+22	2,118716E+22	2,296097E+22	2,296054E+22	2,118622E+22	1,796992E+22	1,400853E+22	1,036355E+22	8,176215E+21	8,176161E+21	1,036338E+22	1,400837E+22
497	1,796995E+22	2,118631E+22	2,296044E+22	2,296100E+22	2,118717E+22	1,797065E+22	1,400895E+22	1,036377E+22	8,176308E+21	8,176097E+21	1,036317E+22	1,400813E+22
498	1,797015E+22	2,118735E+22	2,296161E+22	2,296148E+22	2,118710E+22	1,797017E+22	1,400833E+22	1,036331E+22	8,176180E+21	8,176355E+21	1,036376E+22	1,400876E+22
499	1,797029E+22	2,118682E+22	2,296066E+22	2,296040E+22	2,118644E+22	1,797010E+22	1,400853E+22	1,036354E+22	8,176306E+21	8,176323E+21	1,036352E+22	1,400830E+22
500	1,796960E+22	2,118602E+22	2,296050E+22	2,296105E+22	2,118723E+22	1,797074E+22	1,400898E+22	1,036387E+22	8,176582E+21	8,176542E+21	1,036375E+22	1,400881E+22
501	1,797058E+22	2,118703E+22	2,296086E+22	2,296078E+22	2,118658E+22	1,796996E+22	1,400844E+22	1,036366E+22	8,176658E+21	8,176850E+21	1,036415E+22	1,400903E+22
502	1,797036E+22	2,118635E+22	2,295971E+22	2,295976E+22	2,118627E+22	1,797023E+22	1,400898E+22	1,036424E+22	8,177063E+21	8,176928E+21	1,036388E+22	1,400851E+22
503	1,796992E+22	2,118650E+22	2,296060E+22	2,296052E+22	2,118657E+22	1,797032E+22	1,400902E+22	1,036438E+22	8,177416E+21	8,177453E+21	1,036449E+22	1,400919E+22
504	1,797052E+22	2,118679E+22	2,296056E+22	2,296009E+22	2,118567E+22	1,796951E+22	1,400872E+22	1,036450E+22	8,177705E+21	8,177782E+21	1,036466E+22	1,400891E+22
505	1,796970E+22	2,118546E+22	2,295924E+22	2,295982E+22	2,118640E+22	1,797039E+22	1,400937E+22	1,036500E+22	8,178112E+21	8,177986E+21	1,036463E+22	1,400874E+22
506	1,796972E+22	2,118614E+22	2,296017E+22	2,296020E+22	2,118639E+22	1,797015E+22	1,400903E+22	1,036474E+22	8,178108E+21	8,178306E+21	1,036526E+22	1,400956E+22
507	1,797030E+22	2,118600E+22	2,295935E+22	2,295902E+22	2,118537E+22	1,796977E+22	1,400916E+22	1,036500E+22	8,178246E+21	8,178252E+21	1,036494E+22	1,400897E+22
508	1,796952E+22	2,118516E+22	2,295896E+22	2,295945E+22	2,118611E+22	1,797040E+22	1,400964E+22	1,036536E+22	8,178448E+21	8,178256E+21	1,036484E+22	1,400905E+22
509	1,797015E+22	2,118638E+22	2,296002E+22	2,295984E+22	2,118586E+22	1,796970E+22	1,400889E+22	1,036482E+22	8,178207E+21	8,178334E+21	1,036516E+22	1,400934E+22
510	1,797003E+22	2,118581E+22	2,295921E+22	2,295909E+22	2,118559E+22	1,796988E+22	1,400917E+22	1,036496E+22	8,178101E+21	8,177978E+21	1,036463E+22	1,400873E+22
511	1,796946E+22	2,118559E+22	2,295982E+22	2,296011E+22	2,118636E+22	1,797028E+22	1,400919E+22	1,036476E+22	8,177898E+21	8,177899E+21	1,036479E+22	1,400929E+22
512	1,797042E+22	2,118650E+22	2,296024E+22	2,296010E+22	2,118589E+22	1,796963E+22	1,400868E+22	1,036433E+22	8,177504E+21	8,177628E+21	1,036463E+22	1,400906E+22
513	1,796997E+22	2,118573E+22	2,295918E+22	2,295963E+22	2,118640E+22	1,797039E+22	1,400918E+22	1,036451E+22	8,177372E+21	8,177195E+21	1,036403E+22	1,400851E+22
514	1,796982E+22	2,118653E+22	2,296065E+22	2,296052E+22	2,118664E+22	1,797030E+22	1,400883E+22	1,036407E+22	8,177055E+21	8,177119E+21	1,036427E+22	1,400911E+22
515	1,797052E+22	2,118683E+22	2,296057E+22	2,296010E+22	2,118581E+22	1,796967E+22	1,400863E+22	1,036401E+22	8,176958E+21	8,176961E+21	1,036393E+22	1,400846E+22
516	1,796960E+22	2,118572E+22	2,295978E+22	2,296037E+22	2,118670E+22	1,797041E+22	1,400911E+22	1,036436E+22	8,177156E+21	8,176974E+21	1,036387E+22	1,400846E+22
517	1,796992E+22	2,118665E+22	2,296075E+22	2,296089E+22	2,118685E+22	1,797009E+22	1,400850E+22	1,036384E+22	8,176967E+21	8,177178E+21	1,036441E+22	1,400911E+22
518	1,797022E+22	2,118628E+22	2,295983E+22	2,295966E+22	2,118604E+22	1,797006E+22	1,400884E+22	1,036414E+22	8,177079E+21	8,177072E+21	1,036410E+22	1,400868E+22
519	1,796968E+22	2,118572E+22	2,295976E+22	2,296005E+22	2,118640E+22	1,797038E+22	1,400920E+22	1,036451E+22	8,177429E+21	8,177361E+21	1,036434E+22	1,400908E+22
520	1,797055E+22	2,118683E+22	2,296045E+22	2,296015E+22	2,118585E+22	1,796956E+22	1,400866E+22	1,036436E+22	8,177568E+21	8,177696E+21	1,036467E+22	1,400910E+22
521	1,797009E+22	2,118594E+22	2,295922E+22	2,295925E+22	2,118583E+22	1,796999E+22	1,400917E+22	1,036492E+22	8,178038E+21	8,177898E+21	1,036451E+22	1,400856E+22
522	1,796942E+22	2,118589E+22	2,296009E+22	2,296006E+22	2,118621E+22	1,797011E+22	1,400914E+22	1,036493E+22	8,178273E+21	8,178350E+21	1,036516E+22	1,400941E+22
523	1,797021E+22	2,118612E+22	2,295982E+22	2,295955E+22	2,118543E+22	1,796949E+22	1,400894E+22	1,036501E+22	8,178509E+21	8,178666E+21	1,036532E+22	1,400915E+22
524	1,796942E+22	2,118477E+22	2,295831E+22	2,295891E+22	2,118583E+22	1,797029E+22	1,400974E+22	1,036571E+22	8,178984E+21	8,178831E+21	1,036527E+22	1,400906E+22
525	1,796959E+22	2,118555E+22	2,295929E+22	2,295943E+22	2,118595E+22	1,797003E+22	1,400931E+22	1,036540E+22	8,178955E+21	8,179086E+21	1,036576E+22	1,400973E+22
526	1,797016E+22	2,118562E+22	2,295873E+22	2,295831E+22	2,118486E+22	1,796962E+22	1,400943E+22	1,036564E+22	8,179078E+21	8,179015E+21	1,036544E+22	1,400915E+22
527	1,796938E+22	2,118479E+22	2,295844E+22	2,295873E+22	2,118538E+22	1,796996E+22	1,400972E+22	1,036591E+22	8,179272E+21	8,179102E+21	1,036547E+22	1,400929E+22
528	1,796997E+22	2,118595E+22	2,295958E+22	2,295943E+22	2,118541E+22	1,796937E+22	1,400896E+22	1,036531E+22	8,178948E+21	8,179105E+21	1,036575E+22	1,400957E+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												
529	1,796985E+22	2,118526E+22	2,295851E+22	2,295853E+22	2,118534E+22	1,796983E+22	1,400933E+22	1,036539E+22	8,178782E+21	8,178715E+21	1,036521E+22	1,400898E+22
530	1,796930E+22	2,118520E+22	2,295929E+22	2,295949E+22	2,118593E+22	1,797013E+22	1,400934E+22	1,036515E+22	8,178444E+21	8,178459E+21	1,036522E+22	1,400952E+22
531	1,797044E+22	2,118627E+22	2,295976E+22	2,295953E+22	2,118549E+22	1,796947E+22	1,400882E+22	1,036475E+22	8,178106E+21	8,178220E+21	1,036498E+22	1,400908E+22
532	1,796976E+22	2,118540E+22	2,295872E+22	2,295896E+22	2,118583E+22	1,797017E+22	1,400942E+22	1,036512E+22	8,178141E+21	8,177903E+21	1,036447E+22	1,400858E+22
533	1,796951E+22	2,118599E+22	2,296013E+22	2,296015E+22	2,118640E+22	1,797013E+22	1,400898E+22	1,036462E+22	8,177837E+21	8,177875E+21	1,036475E+22	1,400916E+22
534	1,797015E+22	2,118621E+22	2,295992E+22	2,295962E+22	2,118562E+22	1,796967E+22	1,400886E+22	1,036457E+22	8,177733E+21	8,177731E+21	1,036453E+22	1,400875E+22
535	1,796942E+22	2,118512E+22	2,295899E+22	2,295954E+22	2,118613E+22	1,797020E+22	1,400931E+22	1,036491E+22	8,177943E+21	8,177806E+21	1,036455E+22	1,400887E+22
536	1,796993E+22	2,118621E+22	2,296007E+22	2,296012E+22	2,118619E+22	1,796980E+22	1,400875E+22	1,036447E+22	8,177761E+21	8,177945E+21	1,036496E+22	1,400938E+22
537	1,797019E+22	2,118589E+22	2,295912E+22	2,295885E+22	2,118548E+22	1,796986E+22	1,400908E+22	1,036479E+22	8,177962E+21	8,177926E+21	1,036467E+22	1,400882E+22
538	1,796948E+22	2,118546E+22	2,295942E+22	2,295943E+22	2,118576E+22	1,797002E+22	1,400930E+22	1,036506E+22	8,178254E+21	8,178187E+21	1,036489E+22	1,400921E+22
539	1,797032E+22	2,118644E+22	2,296006E+22	2,295974E+22	2,118546E+22	1,796928E+22	1,400874E+22	1,036490E+22	8,178449E+21	8,178626E+21	1,036529E+22	1,400918E+22
540	1,796965E+22	2,118525E+22	2,295853E+22	2,295864E+22	2,118546E+22	1,796986E+22	1,400942E+22	1,036559E+22	8,178997E+21	8,178882E+21	1,036526E+22	1,400887E+22
541	1,796912E+22	2,118504E+22	2,295912E+22	2,295944E+22	2,118602E+22	1,797013E+22	1,400942E+22	1,036556E+22	8,179153E+21	8,179237E+21	1,036580E+22	1,400968E+22
542	1,797004E+22	2,118548E+22	2,295888E+22	2,295870E+22	2,118502E+22	1,796952E+22	1,400935E+22	1,036572E+22	8,179366E+21	8,179457E+21	1,036591E+22	1,400949E+22
543	1,796940E+22	2,118433E+22	2,295750E+22	2,295784E+22	2,118496E+22	1,796993E+22	1,400998E+22	1,036640E+22	8,179885E+21	8,179688E+21	1,036587E+22	1,400933E+22
544	1,796953E+22	2,118521E+22	2,295878E+22	2,295870E+22	2,118516E+22	1,796961E+22	1,400950E+22	1,036606E+22	8,179832E+21	8,179920E+21	1,036629E+22	1,400984E+22
545	1,796993E+22	2,118516E+22	2,295821E+22	2,295779E+22	2,118441E+22	1,796935E+22	1,400954E+22	1,036619E+22	8,179930E+21	8,179900E+21	1,036607E+22	1,400928E+22
546	1,796905E+22	2,118435E+22	2,295802E+22	2,295828E+22	2,118500E+22	1,796971E+22	1,400972E+22	1,036627E+22	8,179923E+21	8,179831E+21	1,036606E+22	1,400957E+22
547	1,796986E+22	2,118551E+22	2,295904E+22	2,295898E+22	2,118519E+22	1,796932E+22	1,400907E+22	1,036567E+22	8,179545E+21	8,179766E+21	1,036623E+22	1,400976E+22
548	1,796971E+22	2,118481E+22	2,295788E+22	2,295786E+22	2,118493E+22	1,796978E+22	1,400962E+22	1,036595E+22	8,179449E+21	8,179339E+21	1,036565E+22	1,400918E+22
549	1,796922E+22	2,118475E+22	2,295864E+22	2,295897E+22	2,118568E+22	1,797009E+22	1,400960E+22	1,036570E+22	8,179128E+21	8,179054E+21	1,036553E+22	1,400953E+22
550	1,797024E+22	2,118593E+22	2,295933E+22	2,295903E+22	2,118515E+22	1,796944E+22	1,400912E+22	1,036535E+22	8,178835E+21	8,178867E+21	1,036539E+22	1,400918E+22
551	1,796950E+22	2,118494E+22	2,295822E+22	2,295832E+22	2,118518E+22	1,796980E+22	1,400954E+22	1,036568E+22	8,178956E+21	8,178734E+21	1,036509E+22	1,400880E+22
552	1,796927E+22	2,118538E+22	2,295950E+22	2,295960E+22	2,118593E+22	1,796990E+22	1,400913E+22	1,036515E+22	8,178624E+21	8,178702E+21	1,036538E+22	1,400943E+22
553	1,796997E+22	2,118558E+22	2,295910E+22	2,295888E+22	2,118522E+22	1,796958E+22	1,400904E+22	1,036507E+22	8,178504E+21	8,178571E+21	1,036519E+22	1,400905E+22
554	1,796935E+22	2,118475E+22	2,295835E+22	2,295872E+22	2,118545E+22	1,796987E+22	1,400938E+22	1,036537E+22	8,178623E+21	8,178510E+21	1,036509E+22	1,400917E+22
555	1,797000E+22	2,118601E+22	2,295959E+22	2,295946E+22	2,118563E+22	1,796951E+22	1,400883E+22	1,036496E+22	8,178528E+21	8,178701E+21	1,036542E+22	1,400946E+22
556	1,796999E+22	2,118556E+22	2,295870E+22	2,295825E+22	2,118490E+22	1,796957E+22	1,400927E+22	1,036544E+22	8,178856E+21	8,178787E+21	1,036523E+22	1,400892E+22
557	1,796915E+22	2,118483E+22	2,295885E+22	2,295911E+22	2,118559E+22	1,796991E+22	1,400948E+22	1,036567E+22	8,179144E+21	8,179063E+21	1,036546E+22	1,400928E+22
558	1,796992E+22	2,118574E+22	2,295936E+22	2,295925E+22	2,118532E+22	1,796940E+22	1,400908E+22	1,036555E+22	8,179322E+21	8,179491E+21	1,036596E+22	1,400948E+22
559	1,796939E+22	2,118449E+22	2,295761E+22	2,295772E+22	2,118484E+22	1,796974E+22	1,400976E+22	1,036630E+22	8,179926E+21	8,179826E+21	1,036600E+22	1,400927E+22
560	1,796905E+22	2,118442E+22	2,295822E+22	2,295852E+22	2,118534E+22	1,796996E+22	1,400980E+22	1,036631E+22	8,180080E+21	8,180120E+21	1,036641E+22	1,400992E+22
561	1,796995E+22	2,118500E+22	2,295805E+22	2,295775E+22	2,118435E+22	1,796932E+22	1,400963E+22	1,036644E+22	8,180332E+21	8,180396E+21	1,036654E+22	1,400964E+22
562	1,796923E+22	2,118406E+22	2,295706E+22	2,295710E+22	2,118417E+22	1,796946E+22	1,401003E+22	1,036694E+22	8,180713E+21	8,180535E+21	1,036648E+22	1,400955E+22
563	1,796941E+22	2,118489E+22	2,295840E+22	2,295827E+22	2,118468E+22	1,796923E+22	1,400946E+22	1,036651E+22	8,180626E+21	8,180769E+21	1,036689E+22	1,401001E+22
564	1,796965E+22	2,118461E+22	2,295764E+22	2,295730E+22	2,118407E+22	1,796920E+22	1,400966E+22	1,036668E+22	8,180682E+21	8,180705E+21	1,036672E+22	1,400960E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796892E+22	2,118374E+22	2,295731E+22	2,295786E+22	2,118487E+22	1,796973E+22	1,400992E+22	1,036671E+22	8,180549E+21	8,180465E+21	1,036651E+22	1,400975E+22
566	1,796978E+22	2,118513E+22	2,295841E+22	2,295835E+22	2,118490E+22	1,796941E+22	1,400943E+22	1,036622E+22	8,180172E+21	8,180311E+21	1,036660E+22	1,400992E+22
567	1,796962E+22	2,118449E+22	2,295735E+22	2,295711E+22	2,118426E+22	1,796953E+22	1,400985E+22	1,036655E+22	8,180206E+21	8,180025E+21	1,036608E+22	1,400927E+22
568	1,796906E+22	2,118437E+22	2,295820E+22	2,295843E+22	2,118509E+22	1,796982E+22	1,400980E+22	1,036629E+22	8,179914E+21	8,179790E+21	1,036596E+22	1,400949E+22
569	1,796983E+22	2,118531E+22	2,295872E+22	2,295855E+22	2,118480E+22	1,796928E+22	1,400927E+22	1,036589E+22	8,179651E+21	8,179717E+21	1,036599E+22	1,400927E+22
570	1,796914E+22	2,118439E+22	2,295764E+22	2,295775E+22	2,118472E+22	1,796955E+22	1,400956E+22	1,036605E+22	8,179611E+21	8,179481E+21	1,036572E+22	1,400914E+22
571	1,796921E+22	2,118490E+22	2,295882E+22	2,295896E+22	2,118548E+22	1,796972E+22	1,400921E+22	1,036555E+22	8,179290E+21	8,179425E+21	1,036593E+22	1,400969E+22
572	1,796991E+22	2,118515E+22	2,295840E+22	2,295812E+22	2,118467E+22	1,796941E+22	1,400927E+22	1,036564E+22	8,179251E+21	8,179311E+21	1,036575E+22	1,400934E+22
573	1,796934E+22	2,118437E+22	2,295775E+22	2,295818E+22	2,118508E+22	1,796973E+22	1,400956E+22	1,036591E+22	8,179382E+21	8,179227E+21	1,036552E+22	1,400922E+22
574	1,796983E+22	2,118570E+22	2,295918E+22	2,295898E+22	2,118525E+22	1,796944E+22	1,400912E+22	1,036561E+22	8,179353E+21	8,179474E+21	1,036595E+22	1,400959E+22
575	1,796969E+22	2,118501E+22	2,295816E+22	2,295769E+22	2,118435E+22	1,796929E+22	1,400945E+22	1,036611E+22	8,179810E+21	8,179752E+21	1,036594E+22	1,400918E+22
576	1,796889E+22	2,118411E+22	2,295805E+22	2,295847E+22	2,118517E+22	1,796983E+22	1,400978E+22	1,036634E+22	8,180078E+21	8,180020E+21	1,036616E+22	1,400952E+22
577	1,796965E+22	2,118499E+22	2,295837E+22	2,295839E+22	2,118486E+22	1,796941E+22	1,400945E+22	1,036626E+22	8,180266E+21	8,180460E+21	1,036668E+22	1,400976E+22
578	1,796927E+22	2,118406E+22	2,295685E+22	2,295675E+22	2,118402E+22	1,796941E+22	1,400996E+22	1,036691E+22	8,180776E+21	8,180674E+21	1,036664E+22	1,400958E+22
579	1,796907E+22	2,118414E+22	2,295761E+22	2,295771E+22	2,118460E+22	1,796958E+22	1,400990E+22	1,036691E+22	8,180984E+21	8,180996E+21	1,036696E+22	1,401002E+22
580	1,796973E+22	2,118461E+22	2,295755E+22	2,295711E+22	2,118371E+22	1,796897E+22	1,400977E+22	1,036707E+22	8,181248E+21	8,181315E+21	1,036719E+22	1,400983E+22
581	1,796897E+22	2,118347E+22	2,295648E+22	2,295680E+22	2,118396E+22	1,796927E+22	1,401010E+22	1,036743E+22	8,181503E+21	8,181348E+21	1,036705E+22	1,400969E+22
582	1,796915E+22	2,118437E+22	2,295783E+22	2,295786E+22	2,118454E+22	1,796932E+22	1,400974E+22	1,036703E+22	8,181320E+21	8,181473E+21	1,036747E+22	1,401031E+22
583	1,796948E+22	2,118405E+22	2,295695E+22	2,295662E+22	2,118355E+22	1,796906E+22	1,400992E+22	1,036725E+22	8,181411E+21	8,181424E+21	1,036726E+22	1,400988E+22
584	1,796888E+22	2,118328E+22	2,295661E+22	2,295717E+22	2,118438E+22	1,796967E+22	1,401027E+22	1,036732E+22	8,181280E+21	8,181131E+21	1,036691E+22	1,400980E+22
585	1,796958E+22	2,118473E+22	2,295779E+22	2,295768E+22	2,118444E+22	1,796934E+22	1,400972E+22	1,036682E+22	8,180959E+21	8,181058E+21	1,036705E+22	1,400990E+22
586	1,796932E+22	2,118418E+22	2,295695E+22	2,295651E+22	2,118357E+22	1,796914E+22	1,400990E+22	1,036701E+22	8,180914E+21	8,180758E+21	1,036660E+22	1,400942E+22
587	1,796884E+22	2,118391E+22	2,295766E+22	2,295799E+22	2,118469E+22	1,796952E+22	1,400977E+22	1,036670E+22	8,180645E+21	8,180574E+21	1,036653E+22	1,400966E+22
588	1,796955E+22	2,118468E+22	2,295798E+22	2,295795E+22	2,118442E+22	1,796913E+22	1,400939E+22	1,036633E+22	8,180352E+21	8,180497E+21	1,036666E+22	1,400966E+22
589	1,796909E+22	2,118381E+22	2,295685E+22	2,295720E+22	2,118441E+22	1,796946E+22	1,400970E+22	1,036646E+22	8,180211E+21	8,180110E+21	1,036621E+22	1,400941E+22
590	1,796926E+22	2,118467E+22	2,295825E+22	2,295829E+22	2,118501E+22	1,796965E+22	1,400949E+22	1,036609E+22	8,179926E+21	8,180011E+21	1,036637E+22	1,400991E+22
591	1,796986E+22	2,118490E+22	2,295794E+22	2,295742E+22	2,118393E+22	1,796906E+22	1,400945E+22	1,036624E+22	8,180063E+21	8,180073E+21	1,036624E+22	1,400946E+22
592	1,796918E+22	2,118402E+22	2,295734E+22	2,295770E+22	2,118457E+22	1,796953E+22	1,400981E+22	1,036653E+22	8,180252E+21	8,180071E+21	1,036603E+22	1,400921E+22
593	1,796939E+22	2,118507E+22	2,295854E+22	2,295850E+22	2,118497E+22	1,796941E+22	1,400939E+22	1,036626E+22	8,180292E+21	8,180436E+21	1,036661E+22	1,400968E+22
594	1,796930E+22	2,118440E+22	2,295744E+22	2,295704E+22	2,118386E+22	1,796913E+22	1,400965E+22	1,036668E+22	8,180659E+21	8,180657E+21	1,036666E+22	1,400953E+22
595	1,796878E+22	2,118352E+22	2,295717E+22	2,295770E+22	2,118465E+22	1,796966E+22	1,401000E+22	1,036697E+22	8,180977E+21	8,180916E+21	1,036680E+22	1,400977E+22
596	1,796947E+22	2,118440E+22	2,295749E+22	2,295749E+22	2,118421E+22	1,796921E+22	1,400977E+22	1,036699E+22	8,181217E+21	8,181386E+21	1,036737E+22	1,401007E+22
597	1,796919E+22	2,118358E+22	2,295616E+22	2,295611E+22	2,118347E+22	1,796914E+22	1,401014E+22	1,036754E+22	8,181661E+21	8,181534E+21	1,036720E+22	1,400972E+22
598	1,796890E+22	2,118382E+22	2,295714E+22	2,295714E+22	2,118404E+22	1,796935E+22	1,401013E+22	1,036755E+22	8,181843E+21	8,181851E+21	1,036760E+22	1,401024E+22
599	1,796944E+22	2,118406E+22	2,295697E+22	2,295656E+22	2,118318E+22	1,796864E+22	1,400987E+22	1,036766E+22	8,182150E+21	8,182256E+21	1,036792E+22	1,401017E+22
600	1,796882E+22	2,118291E+22	2,295577E+22	2,295621E+22	2,118361E+22	1,796923E+22	1,401032E+22	1,036795E+22	8,182282E+21	8,182171E+21	1,036766E+22	1,400992E+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	1,796896E+22	2,118378E+22	2,295699E+22	2,295712E+22	2,118416E+22	1,796936E+22	1,401008E+22	1,036762E+22	8,182087E+21	8,182234E+21	1,036800E+22	1,401047E+22
602	1,796938E+22	2,118375E+22	2,295635E+22	2,295589E+22	2,118291E+22	1,796880E+22	1,401011E+22	1,036776E+22	8,182089E+21	8,182072E+21	1,036771E+22	1,401005E+22
603	1,796882E+22	2,118304E+22	2,295612E+22	2,295657E+22	2,118380E+22	1,796935E+22	1,401036E+22	1,036784E+22	8,182031E+21	8,181825E+21	1,036730E+22	1,400975E+22
604	1,796919E+22	2,118423E+22	2,295728E+22	2,295718E+22	2,118396E+22	1,796909E+22	1,400988E+22	1,036736E+22	8,181723E+21	8,181830E+21	1,036760E+22	1,401003E+22
605	1,796899E+22	2,118352E+22	2,295634E+22	2,295622E+22	2,118338E+22	1,796899E+22	1,400997E+22	1,036740E+22	8,181559E+21	8,181451E+21	1,036712E+22	1,400959E+22
606	1,796863E+22	2,118343E+22	2,295702E+22	2,295744E+22	2,118440E+22	1,796953E+22	1,401002E+22	1,036714E+22	8,181232E+21	8,181203E+21	1,036710E+22	1,401000E+22
607	1,796946E+22	2,118421E+22	2,295726E+22	2,295721E+22	2,118383E+22	1,796892E+22	1,400960E+22	1,036685E+22	8,181044E+21	8,181184E+21	1,036721E+22	1,401000E+22
608	1,796918E+22	2,118354E+22	2,295622E+22	2,295648E+22	2,118388E+22	1,796933E+22	1,400996E+22	1,036700E+22	8,180928E+21	8,180783E+21	1,036663E+22	1,400949E+22
609	1,796912E+22	2,118440E+22	2,295777E+22	2,295769E+22	2,118451E+22	1,796952E+22	1,400977E+22	1,036672E+22	8,180752E+21	8,180798E+21	1,036684E+22	1,400991E+22
610	1,796960E+22	2,118464E+22	2,295761E+22	2,295698E+22	2,118334E+22	1,796868E+22	1,400953E+22	1,036677E+22	8,180862E+21	8,180896E+21	1,036683E+22	1,400962E+22
611	1,796891E+22	2,118352E+22	2,295677E+22	2,295729E+22	2,118423E+22	1,796929E+22	1,400989E+22	1,036709E+22	8,181139E+21	8,180981E+21	1,036668E+22	1,400936E+22
612	1,796898E+22	2,118431E+22	2,295768E+22	2,295783E+22	2,118461E+22	1,796938E+22	1,400969E+22	1,036688E+22	8,181177E+21	8,181376E+21	1,036736E+22	1,401006E+22
613	1,796915E+22	2,118367E+22	2,295648E+22	2,295633E+22	2,118344E+22	1,796903E+22	1,400993E+22	1,036729E+22	8,181483E+21	8,181482E+21	1,036727E+22	1,400981E+22
614	1,796874E+22	2,118318E+22	2,295642E+22	2,295683E+22	2,118403E+22	1,796953E+22	1,401036E+22	1,036768E+22	8,181831E+21	8,181725E+21	1,036741E+22	1,401005E+22
615	1,796933E+22	2,118400E+22	2,295685E+22	2,295665E+22	2,118336E+22	1,796876E+22	1,400994E+22	1,036770E+22	8,182196E+21	8,182329E+21	1,036802E+22	1,401029E+22
616	1,796901E+22	2,118314E+22	2,295558E+22	2,295550E+22	2,118291E+22	1,796887E+22	1,401032E+22	1,036816E+22	8,182584E+21	8,182469E+21	1,036783E+22	1,400983E+22
617	1,796854E+22	2,118321E+22	2,295649E+22	2,295662E+22	2,118372E+22	1,796925E+22	1,401034E+22	1,036815E+22	8,182732E+21	8,182783E+21	1,036828E+22	1,401043E+22
618	1,796918E+22	2,118356E+22	2,295629E+22	2,295593E+22	2,118269E+22	1,796844E+22	1,401002E+22	1,036814E+22	8,182880E+21	8,183043E+21	1,036855E+22	1,401050E+22
619	1,796878E+22	2,118248E+22	2,295505E+22	2,295556E+22	2,118319E+22	1,796908E+22	1,401052E+22	1,036851E+22	8,183045E+21	8,182892E+21	1,036814E+22	1,401006E+22
620	1,796877E+22	2,118332E+22	2,295628E+22	2,295639E+22	2,118367E+22	1,796926E+22	1,401039E+22	1,036824E+22	8,182870E+21	8,182965E+21	1,036849E+22	1,401062E+22
621	1,796920E+22	2,118329E+22	2,295579E+22	2,295542E+22	2,118250E+22	1,796860E+22	1,401030E+22	1,036829E+22	8,182807E+21	8,182746E+21	1,036811E+22	1,401008E+22
622	1,796857E+22	2,118270E+22	2,295568E+22	2,295610E+22	2,118339E+22	1,796917E+22	1,401056E+22	1,036837E+22	8,182724E+21	8,182527E+21	1,036786E+22	1,400994E+22
623	1,796884E+22	2,118359E+22	2,295662E+22	2,295663E+22	2,118349E+22	1,796880E+22	1,400995E+22	1,036785E+22	8,182477E+21	8,182627E+21	1,036825E+22	1,401037E+22
624	1,796888E+22	2,118300E+22	2,295559E+22	2,295554E+22	2,118300E+22	1,796894E+22	1,401017E+22	1,036783E+22	8,182211E+21	8,182155E+21	1,036768E+22	1,400986E+22
625	1,796855E+22	2,118303E+22	2,295632E+22	2,295669E+22	2,118391E+22	1,796944E+22	1,401029E+22	1,036767E+22	8,181921E+21	8,181883E+21	1,036757E+22	1,401018E+22
626	1,796946E+22	2,118409E+22	2,295681E+22	2,295652E+22	2,118315E+22	1,796855E+22	1,400969E+22	1,036732E+22	8,181707E+21	8,181822E+21	1,036764E+22	1,401017E+22
627	1,796916E+22	2,118341E+22	2,295590E+22	2,295603E+22	2,118338E+22	1,796897E+22	1,401001E+22	1,036752E+22	8,181709E+21	8,181506E+21	1,036704E+22	1,400945E+22
628	1,796870E+22	2,118388E+22	2,295729E+22	2,295731E+22	2,118419E+22	1,796934E+22	1,400997E+22	1,036730E+22	8,181588E+21	8,181642E+21	1,036744E+22	1,401004E+22
629	1,796919E+22	2,118390E+22	2,295697E+22	2,295671E+22	2,118324E+22	1,796863E+22	1,400972E+22	1,036729E+22	8,181632E+21	8,181702E+21	1,036743E+22	1,400982E+22
630	1,796864E+22	2,118293E+22	2,295599E+22	2,295660E+22	2,118389E+22	1,796934E+22	1,401027E+22	1,036771E+22	8,181911E+21	8,181789E+21	1,036737E+22	1,400972E+22
631	1,796875E+22	2,118360E+22	2,295672E+22	2,295691E+22	2,118396E+22	1,796918E+22	1,401001E+22	1,036761E+22	8,182106E+21	8,182279E+21	1,036805E+22	1,401043E+22
632	1,796914E+22	2,118326E+22	2,295565E+22	2,295537E+22	2,118278E+22	1,796886E+22	1,401023E+22	1,036798E+22	8,182418E+21	8,182384E+21	1,036787E+22	1,400998E+22
633	1,796856E+22	2,118278E+22	2,295577E+22	2,295599E+22	2,118330E+22	1,796924E+22	1,401062E+22	1,036841E+22	8,182824E+21	8,182695E+21	1,036804E+22	1,401018E+22
634	1,796912E+22	2,118365E+22	2,295635E+22	2,295604E+22	2,118267E+22	1,796828E+22	1,400997E+22	1,036826E+22	8,183090E+21	8,183266E+21	1,036873E+22	1,401060E+22
635	1,796886E+22	2,118268E+22	2,295500E+22	2,295500E+22	2,118252E+22	1,796857E+22	1,401033E+22	1,036868E+22	8,183453E+21	8,183366E+21	1,036850E+22	1,401008E+22
636	1,796827E+22	2,118256E+22	2,295570E+22	2,295597E+22	2,118337E+22	1,796921E+22	1,401061E+22	1,036872E+22	8,183530E+21	8,183618E+21	1,036894E+22	1,401077E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796908E+22	2,118299E+22	2,295556E+22	2,295538E+22	2,118235E+22	1,796837E+22	1,401029E+22	1,036869E+22	8,183583E+21	8,183709E+21	1,036900E+22	1,401065E+22
638	1,796869E+22	2,118223E+22	2,295452E+22	2,295486E+22	2,118269E+22	1,796899E+22	1,401086E+22	1,036913E+22	8,183770E+21	8,183564E+21	1,036860E+22	1,401016E+22
639	1,796844E+22	2,118282E+22	2,295574E+22	2,295574E+22	2,118304E+22	1,796894E+22	1,401059E+22	1,036889E+22	8,183726E+21	8,183766E+21	1,036900E+22	1,401071E+22
640	1,796891E+22	2,118277E+22	2,295520E+22	2,295486E+22	2,118212E+22	1,796846E+22	1,401046E+22	1,036882E+22	8,183598E+21	8,183544E+21	1,036865E+22	1,401016E+22
641	1,796820E+22	2,118207E+22	2,295500E+22	2,295551E+22	2,118306E+22	1,796909E+22	1,401077E+22	1,036890E+22	8,183480E+21	8,183314E+21	1,036844E+22	1,401017E+22
642	1,796870E+22	2,118314E+22	2,295595E+22	2,295593E+22	2,118295E+22	1,796854E+22	1,401005E+22	1,036826E+22	8,183094E+21	8,183295E+21	1,036882E+22	1,401076E+22
643	1,796897E+22	2,118271E+22	2,295502E+22	2,295492E+22	2,118253E+22	1,796867E+22	1,401025E+22	1,036829E+22	8,182870E+21	8,182776E+21	1,036811E+22	1,401003E+22
644	1,796847E+22	2,118274E+22	2,295582E+22	2,295608E+22	2,118344E+22	1,796926E+22	1,401049E+22	1,036819E+22	8,182622E+21	8,182559E+21	1,036803E+22	1,401033E+22
645	1,796931E+22	2,118374E+22	2,295646E+22	2,295619E+22	2,118280E+22	1,796833E+22	1,400982E+22	1,036780E+22	8,182387E+21	8,182479E+21	1,036804E+22	1,401020E+22
646	1,796889E+22	2,118308E+22	2,295556E+22	2,295568E+22	2,118312E+22	1,796886E+22	1,401022E+22	1,036807E+22	8,182439E+21	8,182270E+21	1,036764E+22	1,400963E+22
647	1,796828E+22	2,118311E+22	2,295654E+22	2,295674E+22	2,118383E+22	1,796919E+22	1,401015E+22	1,036789E+22	8,182448E+21	8,182524E+21	1,036812E+22	1,401036E+22
648	1,796901E+22	2,118321E+22	2,295601E+22	2,295584E+22	2,118285E+22	1,796867E+22	1,401005E+22	1,036789E+22	8,182460E+21	8,182549E+21	1,036807E+22	1,401010E+22
649	1,796850E+22	2,118239E+22	2,295511E+22	2,295562E+22	2,118326E+22	1,796922E+22	1,401064E+22	1,036844E+22	8,182812E+21	8,182647E+21	1,036796E+22	1,400996E+22
650	1,796873E+22	2,118330E+22	2,295604E+22	2,295595E+22	2,118307E+22	1,796870E+22	1,401014E+22	1,036824E+22	8,182989E+21	8,183138E+21	1,036865E+22	1,401069E+22
651	1,796909E+22	2,118299E+22	2,295520E+22	2,295473E+22	2,118210E+22	1,796836E+22	1,401026E+22	1,036860E+22	8,183362E+21	8,183296E+21	1,036845E+22	1,401007E+22
652	1,796821E+22	2,118225E+22	2,295523E+22	2,295548E+22	2,118287E+22	1,796895E+22	1,401073E+22	1,036900E+22	8,183740E+21	8,183655E+21	1,036876E+22	1,401042E+22
653	1,796880E+22	2,118296E+22	2,295573E+22	2,295566E+22	2,118246E+22	1,796818E+22	1,401012E+22	1,036877E+22	8,183874E+21	8,184087E+21	1,036934E+22	1,401084E+22
654	1,796869E+22	2,118220E+22	2,295436E+22	2,295441E+22	2,118222E+22	1,796861E+22	1,401069E+22	1,036928E+22	8,184199E+21	8,184136E+21	1,036912E+22	1,401036E+22
655	1,796804E+22	2,118191E+22	2,295487E+22	2,295520E+22	2,118285E+22	1,796907E+22	1,401095E+22	1,036944E+22	8,184416E+21	8,184431E+21	1,036949E+22	1,401099E+22
656	1,796898E+22	2,118257E+22	2,295483E+22	2,295455E+22	2,118188E+22	1,796835E+22	1,401064E+22	1,036937E+22	8,184454E+21	8,184515E+21	1,036948E+22	1,401069E+22
657	1,796838E+22	2,118178E+22	2,295398E+22	2,295415E+22	2,118210E+22	1,796879E+22	1,401116E+22	1,036983E+22	8,184674E+21	8,184427E+21	1,036914E+22	1,401024E+22
658	1,796815E+22	2,118231E+22	2,295516E+22	2,295514E+22	2,118246E+22	1,796852E+22	1,401060E+22	1,036938E+22	8,184516E+21	8,184606E+21	1,036966E+22	1,401102E+22
659	1,796877E+22	2,118226E+22	2,295457E+22	2,295432E+22	2,118174E+22	1,796817E+22	1,401044E+22	1,036925E+22	8,184326E+21	8,184321E+21	1,036927E+22	1,401046E+22
660	1,796806E+22	2,118152E+22	2,295424E+22	2,295481E+22	2,118263E+22	1,796896E+22	1,401093E+22	1,036934E+22	8,184125E+21	8,184013E+21	1,036903E+22	1,401055E+22
661	1,796875E+22	2,118277E+22	2,295541E+22	2,295541E+22	2,118255E+22	1,796836E+22	1,401019E+22	1,036868E+22	8,183655E+21	8,183828E+21	1,036918E+22	1,401093E+22
662	1,796901E+22	2,118266E+22	2,295476E+22	2,295440E+22	2,118206E+22	1,796848E+22	1,401044E+22	1,036877E+22	8,183464E+21	8,183352E+21	1,036849E+22	1,401009E+22
663	1,796818E+22	2,118230E+22	2,295542E+22	2,295563E+22	2,118298E+22	1,796900E+22	1,401063E+22	1,036876E+22	8,183396E+21	8,183289E+21	1,036848E+22	1,401038E+22
664	1,796900E+22	2,118322E+22	2,295591E+22	2,295574E+22	2,118264E+22	1,796835E+22	1,401002E+22	1,036832E+22	8,183152E+21	8,183252E+21	1,036855E+22	1,401024E+22
665	1,796846E+22	2,118239E+22	2,295485E+22	2,295503E+22	2,118281E+22	1,796888E+22	1,401054E+22	1,036869E+22	8,183271E+21	8,183105E+21	1,036823E+22	1,400985E+22
666	1,796809E+22	2,118246E+22	2,295566E+22	2,295588E+22	2,118324E+22	1,796898E+22	1,401037E+22	1,036848E+22	8,183245E+21	8,183337E+21	1,036875E+22	1,401073E+22
667	1,796903E+22	2,118279E+22	2,295525E+22	2,295500E+22	2,118222E+22	1,796835E+22	1,401022E+22	1,036854E+22	8,183344E+21	8,183378E+21	1,036863E+22	1,401031E+22
668	1,796838E+22	2,118198E+22	2,295445E+22	2,295477E+22	2,118256E+22	1,796891E+22	1,401085E+22	1,036910E+22	8,183728E+21	8,183550E+21	1,036859E+22	1,401020E+22
669	1,796857E+22	2,118287E+22	2,295562E+22	2,295546E+22	2,118249E+22	1,796833E+22	1,401023E+22	1,036881E+22	8,183837E+21	8,183990E+21	1,036924E+22	1,401084E+22
670	1,796887E+22	2,118261E+22	2,295481E+22	2,295432E+22	2,118172E+22	1,796814E+22	1,401039E+22	1,036915E+22	8,184190E+21	8,184203E+21	1,036918E+22	1,401033E+22
671	1,796786E+22	2,118150E+22	2,295447E+22	2,295489E+22	2,118252E+22	1,796883E+22	1,401092E+22	1,036960E+22	8,184642E+21	8,184594E+21	1,036948E+22	1,401077E+22
672	1,796869E+22	2,118236E+22	2,295482E+22	2,295483E+22	2,118216E+22	1,796830E+22	1,401049E+22	1,036941E+22	8,184722E+21	8,184930E+21	1,036993E+22	1,401104E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796852E+22	2,118171E+22	2,295363E+22	2,295355E+22	2,118167E+22	1,796857E+22	1,401113E+22	1,037006E+22	8,185125E+21	8,184970E+21	1,036963E+22	1,401051E+22
674	1,796794E+22	2,118150E+22	2,295421E+22	2,295438E+22	2,118210E+22	1,796870E+22	1,401113E+22	1,037010E+22	8,185307E+21	8,185272E+21	1,037003E+22	1,401113E+22
675	1,796879E+22	2,118216E+22	2,295433E+22	2,295397E+22	2,118131E+22	1,796795E+22	1,401072E+22	1,036999E+22	8,185346E+21	8,185377E+21	1,037004E+22	1,401077E+22
676	1,796800E+22	2,118115E+22	2,295336E+22	2,295360E+22	2,118169E+22	1,796857E+22	1,401126E+22	1,037034E+22	8,185470E+21	8,185289E+21	1,036983E+22	1,401053E+22
677	1,796792E+22	2,118165E+22	2,295451E+22	2,295463E+22	2,118210E+22	1,796838E+22	1,401070E+22	1,036976E+22	8,185127E+21	8,185274E+21	1,037020E+22	1,401131E+22
678	1,796876E+22	2,118192E+22	2,295403E+22	2,295374E+22	2,118137E+22	1,796810E+22	1,401066E+22	1,036966E+22	8,184880E+21	8,184932E+21	1,036979E+22	1,401074E+22
679	1,796802E+22	2,118111E+22	2,295363E+22	2,295416E+22	2,118214E+22	1,796875E+22	1,401109E+22	1,036984E+22	8,184803E+21	8,184642E+21	1,036945E+22	1,401073E+22
680	1,796875E+22	2,118255E+22	2,295488E+22	2,295473E+22	2,118216E+22	1,796833E+22	1,401042E+22	1,036920E+22	8,184349E+21	8,184464E+21	1,036953E+22	1,401088E+22
681	1,796872E+22	2,118232E+22	2,295446E+22	2,295396E+22	2,118164E+22	1,796835E+22	1,401070E+22	1,036937E+22	8,184249E+21	8,184082E+21	1,036892E+22	1,401012E+22
682	1,796789E+22	2,118175E+22	2,295486E+22	2,295514E+22	2,118254E+22	1,796870E+22	1,401069E+22	1,036924E+22	8,184159E+21	8,184084E+21	1,036907E+22	1,401058E+22
683	1,796876E+22	2,118261E+22	2,295521E+22	2,295516E+22	2,118228E+22	1,796818E+22	1,401015E+22	1,036884E+22	8,183933E+21	8,184056E+21	1,036915E+22	1,401048E+22
684	1,796825E+22	2,118174E+22	2,295400E+22	2,295421E+22	2,118227E+22	1,796877E+22	1,401081E+22	1,036927E+22	8,184058E+21	8,183927E+21	1,036889E+22	1,401020E+22
685	1,796804E+22	2,118198E+22	2,295497E+22	2,295512E+22	2,118261E+22	1,796872E+22	1,401056E+22	1,036904E+22	8,184008E+21	8,184068E+21	1,036925E+22	1,401092E+22
686	1,796901E+22	2,118259E+22	2,295484E+22	2,295435E+22	2,118160E+22	1,796806E+22	1,401038E+22	1,036912E+22	8,184159E+21	8,184213E+21	1,036923E+22	1,401045E+22
687	1,796809E+22	2,118144E+22	2,295391E+22	2,295423E+22	2,118200E+22	1,796854E+22	1,401093E+22	1,036973E+22	8,184672E+21	8,184495E+21	1,036925E+22	1,401039E+22
688	1,796833E+22	2,118230E+22	2,295493E+22	2,295489E+22	2,118226E+22	1,796832E+22	1,401044E+22	1,036940E+22	8,184733E+21	8,184918E+21	1,036990E+22	1,401101E+22
689	1,796853E+22	2,118195E+22	2,295413E+22	2,295370E+22	2,118138E+22	1,796818E+22	1,401077E+22	1,036984E+22	8,185103E+21	8,185111E+21	1,036983E+22	1,401062E+22
690	1,796775E+22	2,118088E+22	2,295359E+22	2,295407E+22	2,118196E+22	1,796867E+22	1,401121E+22	1,037026E+22	8,185522E+21	8,185467E+21	1,037012E+22	1,401108E+22
691	1,796866E+22	2,118195E+22	2,295410E+22	2,295403E+22	2,118159E+22	1,796810E+22	1,401076E+22	1,037013E+22	8,185654E+21	8,185791E+21	1,037048E+22	1,401118E+22
692	1,796831E+22	2,118123E+22	2,295295E+22	2,295274E+22	2,118101E+22	1,796836E+22	1,401141E+22	1,037076E+22	8,186061E+21	8,185892E+21	1,037027E+22	1,401070E+22
693	1,796768E+22	2,118096E+22	2,295369E+22	2,295387E+22	2,118155E+22	1,796837E+22	1,401125E+22	1,037066E+22	8,186127E+21	8,186097E+21	1,037061E+22	1,401130E+22
694	1,796857E+22	2,118170E+22	2,295383E+22	2,295351E+22	2,118091E+22	1,796770E+22	1,401078E+22	1,037043E+22	8,186074E+21	8,186206E+21	1,037074E+22	1,401105E+22
695	1,796774E+22	2,118044E+22	2,295255E+22	2,295294E+22	2,118125E+22	1,796839E+22	1,401137E+22	1,037080E+22	8,186189E+21	8,186059E+21	1,037046E+22	1,401091E+22
696	1,796797E+22	2,118127E+22	2,295373E+22	2,295384E+22	2,118173E+22	1,796842E+22	1,401095E+22	1,037023E+22	8,185756E+21	8,185897E+21	1,037064E+22	1,401147E+22
697	1,796871E+22	2,118169E+22	2,295357E+22	2,295309E+22	2,118083E+22	1,796797E+22	1,401094E+22	1,037024E+22	8,185576E+21	8,185532E+21	1,037011E+22	1,401081E+22
698	1,796797E+22	2,118089E+22	2,295323E+22	2,295360E+22	2,118153E+22	1,796841E+22	1,401117E+22	1,037033E+22	8,185503E+21	8,185304E+21	1,036983E+22	1,401074E+22
699	1,796853E+22	2,118223E+22	2,295456E+22	2,295440E+22	2,118179E+22	1,796805E+22	1,401050E+22	1,036971E+22	8,185097E+21	8,185183E+21	1,036996E+22	1,401084E+22
700	1,796826E+22	2,118166E+22	2,295387E+22	2,295355E+22	2,118137E+22	1,796828E+22	1,401087E+22	1,036987E+22	8,184997E+21	8,184882E+21	1,036954E+22	1,401033E+22
701	1,796756E+22	2,118101E+22	2,295414E+22	2,295463E+22	2,118222E+22	1,796864E+22	1,401089E+22	1,036971E+22	8,184819E+21	8,184780E+21	1,036961E+22	1,401083E+22
702	1,796865E+22	2,118213E+22	2,295453E+22	2,295450E+22	2,118182E+22	1,796809E+22	1,401042E+22	1,036936E+22	8,184627E+21	8,184803E+21	1,036976E+22	1,401075E+22
703	1,796813E+22	2,118122E+22	2,295322E+22	2,295340E+22	2,118163E+22	1,796852E+22	1,401101E+22	1,036989E+22	8,184906E+21	8,184750E+21	1,036947E+22	1,401046E+22
704	1,796804E+22	2,118171E+22	2,295431E+22	2,295429E+22	2,118204E+22	1,796859E+22	1,401079E+22	1,036966E+22	8,184875E+21	8,184918E+21	1,036979E+22	1,401100E+22
705	1,796875E+22	2,118221E+22	2,295442E+22	2,295383E+22	2,118108E+22	1,796782E+22	1,401060E+22	1,036979E+22	8,185096E+21	8,185133E+21	1,036985E+22	1,401066E+22
706	1,796791E+22	2,118088E+22	2,295324E+22	2,295367E+22	2,118153E+22	1,796824E+22	1,401098E+22	1,037026E+22	8,185557E+21	8,185445E+21	1,036999E+22	1,401073E+22
707	1,796820E+22	2,118173E+22	2,295416E+22	2,295423E+22	2,118185E+22	1,796819E+22	1,401066E+22	1,037002E+22	8,185608E+21	8,185815E+21	1,037057E+22	1,401130E+22
708	1,796837E+22	2,118136E+22	2,295331E+22	2,295291E+22	2,118085E+22	1,796811E+22	1,401113E+22	1,037054E+22	8,185991E+21	8,185999E+21	1,037050E+22	1,401092E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796765E+22	2,118042E+22	2,295293E+22	2,295330E+22	2,118129E+22	1,796843E+22	1,401147E+22	1,037092E+22	8,186370E+21	8,186255E+21	1,037062E+22	1,401117E+22
710	1,796847E+22	2,118163E+22	2,295365E+22	2,295343E+22	2,118099E+22	1,796784E+22	1,401098E+22	1,037075E+22	8,186521E+21	8,186674E+21	1,037108E+22	1,401125E+22
711	1,796791E+22	2,118058E+22	2,295231E+22	2,295219E+22	2,118047E+22	1,796803E+22	1,401152E+22	1,037136E+22	8,186971E+21	8,186815E+21	1,037093E+22	1,401090E+22
712	1,796742E+22	2,118034E+22	2,295284E+22	2,295316E+22	2,118123E+22	1,796835E+22	1,401143E+22	1,037119E+22	8,186925E+21	8,186929E+21	1,037122E+22	1,401148E+22
713	1,796830E+22	2,118112E+22	2,295312E+22	2,295288E+22	2,118052E+22	1,796767E+22	1,401109E+22	1,037101E+22	8,186827E+21	8,186943E+21	1,037129E+22	1,401137E+22
714	1,796777E+22	2,118001E+22	2,295180E+22	2,295221E+22	2,118067E+22	1,796811E+22	1,401149E+22	1,037128E+22	8,186874E+21	8,186739E+21	1,037096E+22	1,401117E+22
715	1,796802E+22	2,118107E+22	2,295323E+22	2,295322E+22	2,118118E+22	1,796816E+22	1,401113E+22	1,037078E+22	8,186468E+21	8,186549E+21	1,037103E+22	1,401152E+22
716	1,796850E+22	2,118137E+22	2,295319E+22	2,295262E+22	2,118033E+22	1,796778E+22	1,401114E+22	1,037077E+22	8,186305E+21	8,186256E+21	1,037060E+22	1,401087E+22
717	1,796763E+22	2,118043E+22	2,295288E+22	2,295330E+22	2,118116E+22	1,796816E+22	1,401126E+22	1,037077E+22	8,186170E+21	8,185985E+21	1,037030E+22	1,401079E+22
718	1,796818E+22	2,118171E+22	2,295407E+22	2,295407E+22	2,118159E+22	1,796798E+22	1,401062E+22	1,037010E+22	8,185755E+21	8,185946E+21	1,037058E+22	1,401105E+22
719	1,796794E+22	2,118090E+22	2,295296E+22	2,295288E+22	2,118099E+22	1,796820E+22	1,401109E+22	1,037038E+22	8,185724E+21	8,185654E+21	1,037018E+22	1,401070E+22
720	1,796759E+22	2,118055E+22	2,295316E+22	2,295369E+22	2,118175E+22	1,796865E+22	1,401121E+22	1,037029E+22	8,185553E+21	8,185492E+21	1,037012E+22	1,401103E+22
721	1,796857E+22	2,118183E+22	2,295395E+22	2,295374E+22	2,118116E+22	1,796788E+22	1,401072E+22	1,037004E+22	8,185462E+21	8,185553E+21	1,037024E+22	1,401095E+22
722	1,796810E+22	2,118092E+22	2,295269E+22	2,295273E+22	2,118090E+22	1,796806E+22	1,401106E+22	1,037044E+22	8,185753E+21	8,185604E+21	1,037005E+22	1,401063E+22
723	1,796789E+22	2,118139E+22	2,295390E+22	2,295384E+22	2,118152E+22	1,796822E+22	1,401088E+22	1,037024E+22	8,185742E+21	8,185805E+21	1,037042E+22	1,401113E+22
724	1,796839E+22	2,118160E+22	2,295377E+22	2,295332E+22	2,118072E+22	1,796772E+22	1,401080E+22	1,037036E+22	8,185953E+21	8,186058E+21	1,037058E+22	1,401095E+22
725	1,796765E+22	2,118026E+22	2,295256E+22	2,295309E+22	2,118114E+22	1,796817E+22	1,401125E+22	1,037083E+22	8,186339E+21	8,186244E+21	1,037058E+22	1,401097E+22
726	1,796808E+22	2,118129E+22	2,295350E+22	2,295359E+22	2,118140E+22	1,796812E+22	1,401098E+22	1,037064E+22	8,186443E+21	8,186660E+21	1,037118E+22	1,401147E+22
727	1,796814E+22	2,118077E+22	2,295246E+22	2,295210E+22	2,118023E+22	1,796792E+22	1,401145E+22	1,037128E+22	8,186962E+21	8,186913E+21	1,037111E+22	1,401111E+22
728	1,796750E+22	2,117999E+22	2,295213E+22	2,295247E+22	2,118076E+22	1,796832E+22	1,401178E+22	1,037164E+22	8,187319E+21	8,187169E+21	1,037121E+22	1,401123E+22
729	1,796806E+22	2,118106E+22	2,295308E+22	2,295287E+22	2,118045E+22	1,796758E+22	1,401121E+22	1,037145E+22	8,187475E+21	8,187598E+21	1,037174E+22	1,401151E+22
730	1,796769E+22	2,117992E+22	2,295149E+22	2,295151E+22	2,117994E+22	1,796770E+22	1,401155E+22	1,037185E+22	8,187802E+21	8,187725E+21	1,037167E+22	1,401129E+22
731	1,796738E+22	2,117988E+22	2,295210E+22	2,295242E+22	2,118068E+22	1,796812E+22	1,401161E+22	1,037171E+22	8,187662E+21	8,187703E+21	1,037182E+22	1,401178E+22
732	1,796824E+22	2,118071E+22	2,295243E+22	2,295215E+22	2,117998E+22	1,796752E+22	1,401132E+22	1,037155E+22	8,187541E+21	8,187651E+21	1,037181E+22	1,401161E+22
733	1,796772E+22	2,117980E+22	2,295142E+22	2,295168E+22	2,118013E+22	1,796784E+22	1,401162E+22	1,037175E+22	8,187513E+21	8,187329E+21	1,037131E+22	1,401120E+22
734	1,796784E+22	2,118087E+22	2,295301E+22	2,295290E+22	2,118080E+22	1,796795E+22	1,401125E+22	1,037122E+22	8,187131E+21	8,187238E+21	1,037147E+22	1,401149E+22
735	1,796805E+22	2,118075E+22	2,295265E+22	2,295230E+22	2,118007E+22	1,796762E+22	1,401128E+22	1,037127E+22	8,187035E+21	8,187001E+21	1,037113E+22	1,401102E+22
736	1,796735E+22	2,117983E+22	2,295204E+22	2,295270E+22	2,118101E+22	1,796828E+22	1,401153E+22	1,037126E+22	8,186853E+21	8,186693E+21	1,037083E+22	1,401094E+22
737	1,796785E+22	2,118108E+22	2,295332E+22	2,295344E+22	2,118122E+22	1,796800E+22	1,401099E+22	1,037071E+22	8,186478E+21	8,186628E+21	1,037109E+22	1,401137E+22
738	1,796796E+22	2,118044E+22	2,295213E+22	2,295204E+22	2,118036E+22	1,796791E+22	1,401124E+22	1,037091E+22	8,186470E+21	8,186396E+21	1,037073E+22	1,401101E+22
739	1,796766E+22	2,118037E+22	2,295258E+22	2,295288E+22	2,118100E+22	1,796830E+22	1,401141E+22	1,037090E+22	8,186357E+21	8,186259E+21	1,037064E+22	1,401117E+22
740	1,796841E+22	2,118154E+22	2,295351E+22	2,295316E+22	2,118054E+22	1,796756E+22	1,401088E+22	1,037063E+22	8,186307E+21	8,186413E+21	1,037087E+22	1,401114E+22
741	1,796785E+22	2,118054E+22	2,295235E+22	2,295236E+22	2,118042E+22	1,796768E+22	1,401107E+22	1,037090E+22	8,186514E+21	8,186408E+21	1,037065E+22	1,401081E+22
742	1,796762E+22	2,118089E+22	2,295337E+22	2,295345E+22	2,118126E+22	1,796811E+22	1,401100E+22	1,037069E+22	8,186507E+21	8,186676E+21	1,037110E+22	1,401138E+22
743	1,796810E+22	2,118088E+22	2,295289E+22	2,295267E+22	2,118035E+22	1,796767E+22	1,401110E+22	1,037097E+22	8,186792E+21	8,186914E+21	1,037123E+22	1,401127E+22
744	1,796759E+22	2,117979E+22	2,295158E+22	2,295215E+22	2,118067E+22	1,796819E+22	1,401167E+22	1,037156E+22	8,187231E+21	8,187069E+21	1,037111E+22	1,401107E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
745	1,796779E+22	2,118082E+22	2,295286E+22	2,295284E+22	2,118080E+22	1,796796E+22	1,401138E+22	1,037147E+22	8,187444E+21	8,187534E+21	1,037170E+22	1,401161E+22
746	1,796792E+22	2,118023E+22	2,295175E+22	2,295137E+22	2,117954E+22	1,796748E+22	1,401157E+22	1,037196E+22	8,187960E+21	8,187908E+21	1,037179E+22	1,401130E+22
747	1,796723E+22	2,117946E+22	2,295146E+22	2,295181E+22	2,118017E+22	1,796796E+22	1,401193E+22	1,037229E+22	8,188257E+21	8,188139E+21	1,037193E+22	1,401146E+22
748	1,796771E+22	2,118034E+22	2,295227E+22	2,295219E+22	2,118001E+22	1,796744E+22	1,401142E+22	1,037201E+22	8,188318E+21	8,188516E+21	1,037250E+22	1,401189E+22
749	1,796753E+22	2,117940E+22	2,295083E+22	2,295083E+22	2,117942E+22	1,796749E+22	1,401170E+22	1,037232E+22	8,188477E+21	8,188435E+21	1,037223E+22	1,401160E+22
750	1,796739E+22	2,117962E+22	2,295159E+22	2,295184E+22	2,118023E+22	1,796795E+22	1,401178E+22	1,037217E+22	8,188342E+21	8,188408E+21	1,037232E+22	1,401194E+22
751	1,796810E+22	2,118034E+22	2,295186E+22	2,295155E+22	2,117952E+22	1,796735E+22	1,401154E+22	1,037211E+22	8,188291E+21	8,188359E+21	1,037227E+22	1,401173E+22
752	1,796758E+22	2,117951E+22	2,295089E+22	2,295114E+22	2,117982E+22	1,796777E+22	1,401187E+22	1,037232E+22	8,188255E+21	8,188026E+21	1,037173E+22	1,401118E+22
753	1,796740E+22	2,118032E+22	2,295257E+22	2,295259E+22	2,118055E+22	1,796785E+22	1,401149E+22	1,037181E+22	8,187897E+21	8,187946E+21	1,037196E+22	1,401168E+22
754	1,796779E+22	2,118005E+22	2,295183E+22	2,295168E+22	2,117972E+22	1,796744E+22	1,401139E+22	1,037172E+22	8,187748E+21	8,187772E+21	1,037176E+22	1,401136E+22
755	1,796730E+22	2,117939E+22	2,295127E+22	2,295186E+22	2,118043E+22	1,796811E+22	1,401179E+22	1,037180E+22	8,187538E+21	8,187396E+21	1,037138E+22	1,401123E+22
756	1,796778E+22	2,118066E+22	2,295260E+22	2,295260E+22	2,118057E+22	1,796777E+22	1,401123E+22	1,037128E+22	8,187215E+21	8,187346E+21	1,037162E+22	1,401160E+22
757	1,796789E+22	2,118026E+22	2,295178E+22	2,295141E+22	2,117969E+22	1,796750E+22	1,401129E+22	1,037138E+22	8,187161E+21	8,187069E+21	1,037117E+22	1,401111E+22
758	1,796752E+22	2,118019E+22	2,295239E+22	2,295255E+22	2,118055E+22	1,796792E+22	1,401139E+22	1,037131E+22	8,187093E+21	8,187054E+21	1,037117E+22	1,401123E+22
759	1,796801E+22	2,118092E+22	2,295292E+22	2,295276E+22	2,118026E+22	1,796737E+22	1,401099E+22	1,037114E+22	8,187104E+21	8,187244E+21	1,037148E+22	1,401136E+22
760	1,796761E+22	2,117995E+22	2,295153E+22	2,295177E+22	2,118029E+22	1,796778E+22	1,401138E+22	1,037147E+22	8,187292E+21	8,187196E+21	1,037122E+22	1,401098E+22
761	1,796730E+22	2,118023E+22	2,295263E+22	2,295283E+22	2,118092E+22	1,796814E+22	1,401145E+22	1,037143E+22	8,187369E+21	8,187450E+21	1,037164E+22	1,401166E+22
762	1,796801E+22	2,118029E+22	2,295198E+22	2,295179E+22	2,117977E+22	1,796745E+22	1,401138E+22	1,037169E+22	8,187738E+21	8,187822E+21	1,037186E+22	1,401152E+22
763	1,796751E+22	2,117945E+22	2,295090E+22	2,295122E+22	2,117989E+22	1,796791E+22	1,401200E+22	1,037234E+22	8,188222E+21	8,188024E+21	1,037175E+22	1,401122E+22
764	1,796745E+22	2,118024E+22	2,295219E+22	2,295211E+22	2,118014E+22	1,796764E+22	1,401161E+22	1,037220E+22	8,188459E+21	8,188564E+21	1,037245E+22	1,401184E+22
765	1,796759E+22	2,117967E+22	2,295117E+22	2,295078E+22	2,117900E+22	1,796709E+22	1,401158E+22	1,037248E+22	8,188825E+21	8,188838E+21	1,037253E+22	1,401164E+22
766	1,796707E+22	2,117893E+22	2,295080E+22	2,295121E+22	2,117975E+22	1,796773E+22	1,401198E+22	1,037272E+22	8,189039E+21	8,189039E+21	1,037266E+22	1,401182E+22
767	1,796759E+22	2,117974E+22	2,295141E+22	2,295141E+22	2,117953E+22	1,796732E+22	1,401167E+22	1,037258E+22	8,189079E+21	8,189291E+21	1,037311E+22	1,401226E+22
768	1,796763E+22	2,117914E+22	2,295013E+22	2,295005E+22	2,117899E+22	1,796742E+22	1,401200E+22	1,037292E+22	8,189212E+21	8,189096E+21	1,037263E+22	1,401166E+22
769	1,796719E+22	2,117934E+22	2,295126E+22	2,295137E+22	2,117978E+22	1,796780E+22	1,401208E+22	1,037284E+22	8,189136E+21	8,189066E+21	1,037268E+22	1,401199E+22
770	1,796788E+22	2,117990E+22	2,295136E+22	2,295109E+22	2,117911E+22	1,796706E+22	1,401164E+22	1,037265E+22	8,189085E+21	8,189144E+21	1,037277E+22	1,401180E+22
771	1,796728E+22	2,117903E+22	2,295035E+22	2,295059E+22	2,117942E+22	1,796761E+22	1,401208E+22	1,037287E+22	8,189009E+21	8,188801E+21	1,037229E+22	1,401131E+22
772	1,796699E+22	2,117956E+22	2,295180E+22	2,295198E+22	2,118023E+22	1,796782E+22	1,401175E+22	1,037234E+22	8,188628E+21	8,188708E+21	1,037256E+22	1,401195E+22
773	1,796761E+22	2,117956E+22	2,295120E+22	2,295098E+22	2,117919E+22	1,796720E+22	1,401152E+22	1,037217E+22	8,188373E+21	8,188405E+21	1,037225E+22	1,401163E+22
774	1,796730E+22	2,117911E+22	2,295075E+22	2,295119E+22	2,117988E+22	1,796782E+22	1,401187E+22	1,037224E+22	8,188213E+21	8,188094E+21	1,037186E+22	1,401139E+22
775	1,796766E+22	2,118030E+22	2,295206E+22	2,295194E+22	2,118002E+22	1,796751E+22	1,401138E+22	1,037181E+22	8,187957E+21	8,188078E+21	1,037213E+22	1,401178E+22
776	1,796778E+22	2,117996E+22	2,295130E+22	2,295091E+22	2,117932E+22	1,796729E+22	1,401142E+22	1,037189E+22	8,187907E+21	8,187808E+21	1,037165E+22	1,401116E+22
777	1,796714E+22	2,117966E+22	2,295197E+22	2,295225E+22	2,118034E+22	1,796780E+22	1,401157E+22	1,037188E+22	8,187883E+21	8,187814E+21	1,037173E+22	1,401149E+22
778	1,796782E+22	2,118023E+22	2,295209E+22	2,295211E+22	2,117996E+22	1,796726E+22	1,401115E+22	1,037166E+22	8,187903E+21	8,188096E+21	1,037215E+22	1,401170E+22
779	1,796755E+22	2,117948E+22	2,295074E+22	2,295087E+22	2,117969E+22	1,796769E+22	1,401177E+22	1,037217E+22	8,188141E+21	8,188028E+21	1,037183E+22	1,401123E+22
780	1,796712E+22	2,117967E+22	2,295183E+22	2,295196E+22	2,118029E+22	1,796798E+22	1,401182E+22	1,037220E+22	8,188327E+21	8,188347E+21	1,037224E+22	1,401182E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
781	1,796779E+22	2,117991E+22	2,295147E+22	2,295103E+22	2,117904E+22	1,796706E+22	1,401153E+22	1,037234E+22	8,188658E+21	8,188718E+21	1,037245E+22	1,401166E+22
782	1,796726E+22	2,117903E+22	2,295045E+22	2,295066E+22	2,117933E+22	1,796753E+22	1,401205E+22	1,037290E+22	8,189153E+21	8,189021E+21	1,037245E+22	1,401139E+22
783	1,796708E+22	2,117949E+22	2,295138E+22	2,295144E+22	2,117971E+22	1,796745E+22	1,401177E+22	1,037279E+22	8,189361E+21	8,189522E+21	1,037321E+22	1,401220E+22
784	1,796746E+22	2,117907E+22	2,295030E+22	2,295005E+22	2,117868E+22	1,796707E+22	1,401184E+22	1,037306E+22	8,189633E+21	8,189662E+21	1,037315E+22	1,401191E+22
785	1,796693E+22	2,117844E+22	2,295016E+22	2,295061E+22	2,117935E+22	1,796765E+22	1,401231E+22	1,037339E+22	8,189850E+21	8,189761E+21	1,037318E+22	1,401214E+22
786	1,796761E+22	2,117932E+22	2,295067E+22	2,295063E+22	2,117900E+22	1,796710E+22	1,401187E+22	1,037320E+22	8,189924E+21	8,190089E+21	1,037364E+22	1,401245E+22
787	1,796758E+22	2,117894E+22	2,294973E+22	2,294937E+22	2,117836E+22	1,796721E+22	1,401231E+22	1,037359E+22	8,190050E+21	8,189891E+21	1,037313E+22	1,401171E+22
788	1,796682E+22	2,117880E+22	2,295079E+22	2,295090E+22	2,117933E+22	1,796758E+22	1,401229E+22	1,037346E+22	8,189986E+21	8,189904E+21	1,037324E+22	1,401205E+22
789	1,796746E+22	2,117932E+22	2,295085E+22	2,295063E+22	2,117876E+22	1,796683E+22	1,401167E+22	1,037307E+22	8,189789E+21	8,189899E+21	1,037335E+22	1,401202E+22
790	1,796706E+22	2,117848E+22	2,294972E+22	2,295001E+22	2,117907E+22	1,796747E+22	1,401213E+22	1,037321E+22	8,189652E+21	8,189543E+21	1,037287E+22	1,401158E+22
791	1,796686E+22	2,117892E+22	2,295089E+22	2,295111E+22	2,117972E+22	1,796770E+22	1,401198E+22	1,037284E+22	8,189285E+21	8,189368E+21	1,037308E+22	1,401226E+22
792	1,796769E+22	2,117927E+22	2,295052E+22	2,295023E+22	2,117871E+22	1,796704E+22	1,401172E+22	1,037269E+22	8,189042E+21	8,189012E+21	1,037262E+22	1,401171E+22
793	1,796716E+22	2,117887E+22	2,295047E+22	2,295077E+22	2,117940E+22	1,796754E+22	1,401201E+22	1,037279E+22	8,188939E+21	8,188732E+21	1,037226E+22	1,401152E+22
794	1,796749E+22	2,117984E+22	2,295156E+22	2,295147E+22	2,117960E+22	1,796719E+22	1,401141E+22	1,037229E+22	8,188724E+21	8,188871E+21	1,037269E+22	1,401193E+22
795	1,796757E+22	2,117953E+22	2,295082E+22	2,295038E+22	2,117893E+22	1,796720E+22	1,401165E+22	1,037242E+22	8,188652E+21	8,188599E+21	1,037225E+22	1,401135E+22
796	1,796681E+22	2,117894E+22	2,295122E+22	2,295162E+22	2,118001E+22	1,796782E+22	1,401190E+22	1,037248E+22	8,188681E+21	8,188625E+21	1,037232E+22	1,401170E+22
797	1,796763E+22	2,117975E+22	2,295141E+22	2,295137E+22	2,117946E+22	1,796711E+22	1,401137E+22	1,037224E+22	8,188685E+21	8,188859E+21	1,037269E+22	1,401193E+22
798	1,796749E+22	2,117913E+22	2,295015E+22	2,295012E+22	2,117910E+22	1,796746E+22	1,401195E+22	1,037278E+22	8,189039E+21	8,188921E+21	1,037241E+22	1,401138E+22
799	1,796689E+22	2,117910E+22	2,295109E+22	2,295115E+22	2,117965E+22	1,796774E+22	1,401209E+22	1,037292E+22	8,189300E+21	8,189298E+21	1,037290E+22	1,401203E+22
800	1,796758E+22	2,117939E+22	2,295080E+22	2,295042E+22	2,117858E+22	1,796680E+22	1,401171E+22	1,037301E+22	8,189608E+21	8,189667E+21	1,037313E+22	1,401184E+22
801	1,796691E+22	2,117837E+22	2,294984E+22	2,295017E+22	2,117896E+22	1,796734E+22	1,401222E+22	1,037353E+22	8,190062E+21	8,189927E+21	1,037318E+22	1,401181E+22
802	1,796699E+22	2,117881E+22	2,295045E+22	2,295060E+22	2,117920E+22	1,796726E+22	1,401194E+22	1,037336E+22	8,190229E+21	8,190447E+21	1,037394E+22	1,401261E+22
803	1,796753E+22	2,117874E+22	2,294960E+22	2,294913E+22	2,117797E+22	1,796690E+22	1,401219E+22	1,037373E+22	8,190471E+21	8,190484E+21	1,037373E+22	1,401213E+22
804	1,796681E+22	2,117803E+22	2,294957E+22	2,294990E+22	2,117879E+22	1,796747E+22	1,401260E+22	1,037409E+22	8,190749E+21	8,190590E+21	1,037368E+22	1,401219E+22
805	1,796738E+22	2,117906E+22	2,295033E+22	2,295009E+22	2,117845E+22	1,796677E+22	1,401196E+22	1,037374E+22	8,190733E+21	8,190871E+21	1,037411E+22	1,401248E+22
806	1,796724E+22	2,117847E+22	2,294934E+22	2,294901E+22	2,117800E+22	1,796696E+22	1,401234E+22	1,037405E+22	8,190848E+21	8,190736E+21	1,037369E+22	1,401178E+22
807	1,796637E+22	2,117795E+22	2,294995E+22	2,295033E+22	2,117908E+22	1,796756E+22	1,401251E+22	1,037397E+22	8,190725E+21	8,190687E+21	1,037386E+22	1,401231E+22
808	1,796726E+22	2,117863E+22	2,294997E+22	2,294996E+22	2,117846E+22	1,796683E+22	1,401194E+22	1,037357E+22	8,190446E+21	8,190561E+21	1,037385E+22	1,401224E+22
809	1,796692E+22	2,117800E+22	2,294908E+22	2,294939E+22	2,117861E+22	1,796736E+22	1,401240E+22	1,037377E+22	8,190318E+21	8,190139E+21	1,037332E+22	1,401189E+22
810	1,796692E+22	2,117859E+22	2,295018E+22	2,295028E+22	2,117909E+22	1,796743E+22	1,401210E+22	1,037335E+22	8,190012E+21	8,190078E+21	1,037356E+22	1,401244E+22
811	1,796771E+22	2,117915E+22	2,295018E+22	2,294957E+22	2,117801E+22	1,796676E+22	1,401192E+22	1,037323E+22	8,189774E+21	8,189742E+21	1,037311E+22	1,401179E+22
812	1,796690E+22	2,117842E+22	2,295008E+22	2,295043E+22	2,117902E+22	1,796730E+22	1,401212E+22	1,037331E+22	8,189716E+21	8,189523E+21	1,037281E+22	1,401163E+22
813	1,796719E+22	2,117939E+22	2,295109E+22	2,295104E+22	2,117929E+22	1,796700E+22	1,401144E+22	1,037268E+22	8,189401E+21	8,189609E+21	1,037326E+22	1,401218E+22
814	1,796742E+22	2,117905E+22	2,295024E+22	2,294985E+22	2,117858E+22	1,796711E+22	1,401178E+22	1,037285E+22	8,189364E+21	8,189373E+21	1,037282E+22	1,401159E+22
815	1,796667E+22	2,117833E+22	2,295034E+22	2,295079E+22	2,117950E+22	1,796778E+22	1,401225E+22	1,037313E+22	8,189487E+21	8,189397E+21	1,037287E+22	1,401191E+22
816	1,796754E+22	2,117933E+22	2,295071E+22	2,295064E+22	2,117894E+22	1,796697E+22	1,401169E+22	1,037294E+22	8,189565E+21	8,189660E+21	1,037316E+22	1,401197E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796721E+22	2,117869E+22	2,294972E+22	2,294962E+22	2,117856E+22	1,796719E+22	1,401217E+22	1,037349E+22	8,189980E+21	8,189796E+21	1,037301E+22	1,401158E+22
818	1,796663E+22	2,117844E+22	2,295028E+22	2,295044E+22	2,117911E+22	1,796743E+22	1,401220E+22	1,037356E+22	8,190280E+21	8,190320E+21	1,037366E+22	1,401231E+22
819	1,796738E+22	2,117883E+22	2,295008E+22	2,294967E+22	2,117802E+22	1,796667E+22	1,401198E+22	1,037364E+22	8,190518E+21	8,190636E+21	1,037389E+22	1,401217E+22
820	1,796670E+22	2,117770E+22	2,294902E+22	2,294944E+22	2,117846E+22	1,796720E+22	1,401249E+22	1,037418E+22	8,190956E+21	8,190836E+21	1,037386E+22	1,401209E+22
821	1,796691E+22	2,117843E+22	2,294978E+22	2,294982E+22	2,117860E+22	1,796702E+22	1,401211E+22	1,037394E+22	8,191048E+21	8,191255E+21	1,037451E+22	1,401285E+22
822	1,796749E+22	2,117849E+22	2,294916E+22	2,294853E+22	2,117742E+22	1,796666E+22	1,401232E+22	1,037429E+22	8,191324E+21	8,191331E+21	1,037425E+22	1,401222E+22
823	1,796654E+22	2,117751E+22	2,294894E+22	2,294926E+22	2,117827E+22	1,796730E+22	1,401286E+22	1,037473E+22	8,191617E+21	8,191441E+21	1,037424E+22	1,401228E+22
824	1,796705E+22	2,117846E+22	2,294972E+22	2,294967E+22	2,117818E+22	1,796665E+22	1,401215E+22	1,037432E+22	8,191543E+21	8,191671E+21	1,037466E+22	1,401257E+22
825	1,796686E+22	2,117778E+22	2,294869E+22	2,294859E+22	2,117774E+22	1,796690E+22	1,401254E+22	1,037458E+22	8,191582E+21	8,191474E+21	1,037431E+22	1,401215E+22
826	1,796626E+22	2,117725E+22	2,294890E+22	2,294943E+22	2,117854E+22	1,796743E+22	1,401272E+22	1,037448E+22	8,191442E+21	8,191440E+21	1,037446E+22	1,401267E+22
827	1,796733E+22	2,117835E+22	2,294928E+22	2,294904E+22	2,117770E+22	1,796665E+22	1,401225E+22	1,037414E+22	8,191139E+21	8,191233E+21	1,037434E+22	1,401243E+22
828	1,796686E+22	2,117772E+22	2,294859E+22	2,294874E+22	2,117798E+22	1,796706E+22	1,401256E+22	1,037432E+22	8,191065E+21	8,190839E+21	1,037375E+22	1,401192E+22
829	1,796678E+22	2,117847E+22	2,294994E+22	2,294982E+22	2,117851E+22	1,796702E+22	1,401207E+22	1,037375E+22	8,190685E+21	8,190767E+21	1,037401E+22	1,401251E+22
830	1,796748E+22	2,117885E+22	2,294993E+22	2,294935E+22	2,117772E+22	1,796650E+22	1,401186E+22	1,037358E+22	8,190456E+21	8,190483E+21	1,037362E+22	1,401189E+22
831	1,796655E+22	2,117775E+22	2,294937E+22	2,294996E+22	2,117882E+22	1,796733E+22	1,401235E+22	1,037378E+22	8,190398E+21	8,190244E+21	1,037337E+22	1,401184E+22
832	1,796700E+22	2,117878E+22	2,295033E+22	2,295053E+22	2,117906E+22	1,796706E+22	1,401177E+22	1,037323E+22	8,190096E+21	8,190273E+21	1,037371E+22	1,401232E+22
833	1,796723E+22	2,117854E+22	2,294959E+22	2,294930E+22	2,117819E+22	1,796707E+22	1,401214E+22	1,037353E+22	8,190159E+21	8,190090E+21	1,037335E+22	1,401185E+22
834	1,796658E+22	2,117783E+22	2,294947E+22	2,294989E+22	2,117884E+22	1,796757E+22	1,401253E+22	1,037383E+22	8,190424E+21	8,190310E+21	1,037349E+22	1,401210E+22
835	1,796738E+22	2,117898E+22	2,295015E+22	2,294983E+22	2,117814E+22	1,796669E+22	1,401199E+22	1,037365E+22	8,190531E+21	8,190635E+21	1,037385E+22	1,401214E+22
836	1,796685E+22	2,117804E+22	2,294906E+22	2,294907E+22	2,117805E+22	1,796689E+22	1,401231E+22	1,037414E+22	8,190970E+21	8,190825E+21	1,037377E+22	1,401182E+22
837	1,796641E+22	2,117793E+22	2,294956E+22	2,294972E+22	2,117856E+22	1,796714E+22	1,401222E+22	1,037402E+22	8,191114E+21	8,191250E+21	1,037442E+22	1,401271E+22
838	1,796734E+22	2,117837E+22	2,294935E+22	2,294894E+22	2,117748E+22	1,796645E+22	1,401208E+22	1,037414E+22	8,191337E+21	8,191506E+21	1,037455E+22	1,401249E+22
839	1,796665E+22	2,117721E+22	2,294819E+22	2,294860E+22	2,117789E+22	1,796708E+22	1,401281E+22	1,037483E+22	8,191796E+21	8,191644E+21	1,037442E+22	1,401231E+22
840	1,796682E+22	2,117807E+22	2,294922E+22	2,294924E+22	2,117809E+22	1,796685E+22	1,401239E+22	1,037461E+22	8,191906E+21	8,192030E+21	1,037495E+22	1,401284E+22
841	1,796715E+22	2,117804E+22	2,294878E+22	2,294822E+22	2,117705E+22	1,796650E+22	1,401257E+22	1,037495E+22	8,192185E+21	8,192140E+21	1,037481E+22	1,401235E+22
842	1,796618E+22	2,117681E+22	2,294810E+22	2,294863E+22	2,117788E+22	1,796715E+22	1,401305E+22	1,037533E+22	8,192496E+21	8,192351E+21	1,037491E+22	1,401247E+22
843	1,796675E+22	2,117784E+22	2,294893E+22	2,294890E+22	2,117767E+22	1,796663E+22	1,401250E+22	1,037491E+22	8,192334E+21	8,192493E+21	1,037529E+22	1,401282E+22
844	1,796662E+22	2,117711E+22	2,294785E+22	2,294788E+22	2,117725E+22	1,796678E+22	1,401282E+22	1,037518E+22	8,192359E+21	8,192239E+21	1,037486E+22	1,401238E+22
845	1,796625E+22	2,117700E+22	2,294823E+22	2,294861E+22	2,117786E+22	1,796710E+22	1,401281E+22	1,037496E+22	8,192128E+21	8,192118E+21	1,037495E+22	1,401290E+22
846	1,796735E+22	2,117823E+22	2,294892E+22	2,294848E+22	2,117712E+22	1,796630E+22	1,401227E+22	1,037458E+22	8,191845E+21	8,191935E+21	1,037480E+22	1,401254E+22
847	1,796667E+22	2,117738E+22	2,294818E+22	2,294829E+22	2,117752E+22	1,796681E+22	1,401268E+22	1,037480E+22	8,191754E+21	8,191547E+21	1,037426E+22	1,401205E+22
848	1,796651E+22	2,117799E+22	2,294952E+22	2,294963E+22	2,117833E+22	1,796688E+22	1,401217E+22	1,037418E+22	8,191341E+21	8,191437E+21	1,037448E+22	1,401262E+22
849	1,796716E+22	2,117829E+22	2,294942E+22	2,294911E+22	2,117762E+22	1,796654E+22	1,401207E+22	1,037402E+22	8,191076E+21	8,191133E+21	1,037417E+22	1,401220E+22
850	1,796643E+22	2,117714E+22	2,294839E+22	2,294911E+22	2,117837E+22	1,796731E+22	1,401266E+22	1,037435E+22	8,191135E+21	8,190987E+21	1,037393E+22	1,401209E+22
851	1,796693E+22	2,117843E+22	2,294963E+22	2,294964E+22	2,117839E+22	1,796698E+22	1,401219E+22	1,037392E+22	8,190918E+21	8,191034E+21	1,037421E+22	1,401244E+22
852	1,796701E+22	2,117811E+22	2,294899E+22	2,294864E+22	2,117757E+22	1,796677E+22	1,401237E+22	1,037423E+22	8,191094E+21	8,190972E+21	1,037389E+22	1,401190E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796634E+22	2,117749E+22	2,294890E+22	2,294920E+22	2,117814E+22	1,796712E+22	1,401257E+22	1,037438E+22	8,191304E+21	8,191229E+21	1,037416E+22	1,401230E+22
854	1,796712E+22	2,117848E+22	2,294958E+22	2,294933E+22	2,117769E+22	1,796637E+22	1,401198E+22	1,037413E+22	8,191395E+21	8,191574E+21	1,037458E+22	1,401242E+22
855	1,796658E+22	2,117735E+22	2,294819E+22	2,294834E+22	2,117760E+22	1,796678E+22	1,401253E+22	1,037469E+22	8,191776E+21	8,191700E+21	1,037448E+22	1,401219E+22
856	1,796632E+22	2,117738E+22	2,294879E+22	2,294910E+22	2,117813E+22	1,796702E+22	1,401250E+22	1,037463E+22	8,191908E+21	8,192018E+21	1,037496E+22	1,401293E+22
857	1,796725E+22	2,117800E+22	2,294878E+22	2,294841E+22	2,117707E+22	1,796634E+22	1,401239E+22	1,037481E+22	8,192166E+21	8,192277E+21	1,037510E+22	1,401272E+22
858	1,796653E+22	2,117679E+22	2,294743E+22	2,294778E+22	2,117728E+22	1,796690E+22	1,401312E+22	1,037556E+22	8,192758E+21	8,192561E+21	1,037502E+22	1,401242E+22
859	1,796654E+22	2,117766E+22	2,294872E+22	2,294859E+22	2,117748E+22	1,796667E+22	1,401276E+22	1,037535E+22	8,192869E+21	8,192964E+21	1,037558E+22	1,401293E+22
860	1,796669E+22	2,117729E+22	2,294807E+22	2,294774E+22	2,117669E+22	1,796631E+22	1,401279E+22	1,037562E+22	8,193137E+21	8,193104E+21	1,037549E+22	1,401253E+22
861	1,796592E+22	2,117624E+22	2,294723E+22	2,294781E+22	2,117735E+22	1,796694E+22	1,401317E+22	1,037581E+22	8,193270E+21	8,193202E+21	1,037561E+22	1,401285E+22
862	1,796668E+22	2,117739E+22	2,294818E+22	2,294811E+22	2,117709E+22	1,796637E+22	1,401261E+22	1,037539E+22	8,193065E+21	8,193243E+21	1,037587E+22	1,401312E+22
863	1,796658E+22	2,117673E+22	2,294714E+22	2,294706E+22	2,117664E+22	1,796654E+22	1,401302E+22	1,037571E+22	8,193069E+21	8,192925E+21	1,037535E+22	1,401258E+22
864	1,796620E+22	2,117676E+22	2,294789E+22	2,294818E+22	2,117736E+22	1,796678E+22	1,401292E+22	1,037544E+22	8,192812E+21	8,192752E+21	1,037533E+22	1,401292E+22
865	1,796710E+22	2,117791E+22	2,294869E+22	2,294834E+22	2,117689E+22	1,796610E+22	1,401237E+22	1,037503E+22	8,192489E+21	8,192586E+21	1,037529E+22	1,401270E+22
866	1,796639E+22	2,117683E+22	2,294752E+22	2,294783E+22	2,117730E+22	1,796674E+22	1,401284E+22	1,037526E+22	8,192450E+21	8,192284E+21	1,037482E+22	1,401225E+22
867	1,796627E+22	2,117748E+22	2,294888E+22	2,294898E+22	2,117796E+22	1,796695E+22	1,401255E+22	1,037471E+22	8,192017E+21	8,192119E+21	1,037499E+22	1,401279E+22
868	1,796690E+22	2,117766E+22	2,294865E+22	2,294850E+22	2,117726E+22	1,796650E+22	1,401242E+22	1,037465E+22	8,191847E+21	8,191858E+21	1,037465E+22	1,401234E+22
869	1,796636E+22	2,117687E+22	2,294767E+22	2,294823E+22	2,117772E+22	1,796704E+22	1,401283E+22	1,037490E+22	8,191904E+21	8,191744E+21	1,037446E+22	1,401228E+22
870	1,796680E+22	2,117813E+22	2,294911E+22	2,294894E+22	2,117772E+22	1,796660E+22	1,401227E+22	1,037449E+22	8,191772E+21	8,191870E+21	1,037477E+22	1,401258E+22
871	1,796673E+22	2,117759E+22	2,294837E+22	2,294802E+22	2,117701E+22	1,796645E+22	1,401252E+22	1,037482E+22	8,191958E+21	8,191867E+21	1,037457E+22	1,401216E+22
872	1,796608E+22	2,117689E+22	2,294831E+22	2,294877E+22	2,117775E+22	1,796683E+22	1,401264E+22	1,037490E+22	8,192113E+21	8,192077E+21	1,037481E+22	1,401258E+22
873	1,796691E+22	2,117791E+22	2,294892E+22	2,294882E+22	2,117738E+22	1,796629E+22	1,401219E+22	1,037465E+22	8,192135E+21	8,192376E+21	1,037528E+22	1,401284E+22
874	1,796654E+22	2,117683E+22	2,294726E+22	2,294742E+22	2,117702E+22	1,796666E+22	1,401284E+22	1,037533E+22	8,192623E+21	8,192542E+21	1,037510E+22	1,401247E+22
875	1,796628E+22	2,117710E+22	2,294818E+22	2,294822E+22	2,117745E+22	1,796690E+22	1,401292E+22	1,037539E+22	8,192830E+21	8,192861E+21	1,037547E+22	1,401300E+22
876	1,796695E+22	2,117754E+22	2,294825E+22	2,294787E+22	2,117660E+22	1,796612E+22	1,401269E+22	1,037559E+22	8,193188E+21	8,193224E+21	1,037563E+22	1,401272E+22
877	1,796620E+22	2,117636E+22	2,294682E+22	2,294714E+22	2,117674E+22	1,796658E+22	1,401324E+22	1,037618E+22	8,193701E+21	8,193531E+21	1,037571E+22	1,401259E+22
878	1,796615E+22	2,117698E+22	2,294803E+22	2,294804E+22	2,117710E+22	1,796646E+22	1,401287E+22	1,037593E+22	8,193769E+21	8,193892E+21	1,037628E+22	1,401319E+22
879	1,796637E+22	2,117651E+22	2,294712E+22	2,294695E+22	2,117626E+22	1,796624E+22	1,401307E+22	1,037621E+22	8,193939E+21	8,193945E+21	1,037619E+22	1,401291E+22
880	1,796583E+22	2,117565E+22	2,294646E+22	2,294712E+22	2,117682E+22	1,796673E+22	1,401339E+22	1,037637E+22	8,193997E+21	8,193902E+21	1,037613E+22	1,401310E+22
881	1,796665E+22	2,117709E+22	2,294766E+22	2,294753E+22	2,117664E+22	1,796621E+22	1,401281E+22	1,037591E+22	8,193741E+21	8,193910E+21	1,037638E+22	1,401338E+22
882	1,796654E+22	2,117645E+22	2,294658E+22	2,294632E+22	2,117602E+22	1,796628E+22	1,401318E+22	1,037625E+22	8,193822E+21	8,193671E+21	1,037586E+22	1,401272E+22
883	1,796604E+22	2,117650E+22	2,294758E+22	2,294770E+22	2,117691E+22	1,796660E+22	1,401312E+22	1,037598E+22	8,193550E+21	8,193480E+21	1,037582E+22	1,401301E+22
884	1,796675E+22	2,117732E+22	2,294817E+22	2,294806E+22	2,117676E+22	1,796600E+22	1,401250E+22	1,037551E+22	8,193220E+21	8,193321E+21	1,037578E+22	1,401283E+22
885	1,796622E+22	2,117637E+22	2,294677E+22	2,294710E+22	2,117688E+22	1,796661E+22	1,401297E+22	1,037567E+22	8,193080E+21	8,192967E+21	1,037537E+22	1,401253E+22
886	1,796618E+22	2,117704E+22	2,294821E+22	2,294827E+22	2,117746E+22	1,796676E+22	1,401273E+22	1,037524E+22	8,192708E+21	8,192766E+21	1,037543E+22	1,401295E+22
887	1,796675E+22	2,117724E+22	2,294797E+22	2,294770E+22	2,117667E+22	1,796628E+22	1,401267E+22	1,037526E+22	8,192610E+21	8,192572E+21	1,037512E+22	1,401248E+22
888	1,796617E+22	2,117649E+22	2,294726E+22	2,294771E+22	2,117714E+22	1,796668E+22	1,401295E+22	1,037546E+22	8,192693E+21	8,192495E+21	1,037493E+22	1,401234E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796650E+22	2,117766E+22	2,294869E+22	2,294859E+22	2,117740E+22	1,796637E+22	1,401237E+22	1,037500E+22	8,192530E+21	8,192684E+21	1,037542E+22	1,401283E+22
890	1,796646E+22	2,117694E+22	2,294755E+22	2,294732E+22	2,117661E+22	1,796630E+22	1,401267E+22	1,037536E+22	8,192790E+21	8,192757E+21	1,037528E+22	1,401248E+22
891	1,796593E+22	2,117638E+22	2,294761E+22	2,294800E+22	2,117726E+22	1,796678E+22	1,401297E+22	1,037552E+22	8,192940E+21	8,192904E+21	1,037543E+22	1,401285E+22
892	1,796674E+22	2,117733E+22	2,294817E+22	2,294817E+22	2,117698E+22	1,796618E+22	1,401252E+22	1,037538E+22	8,193056E+21	8,193234E+21	1,037582E+22	1,401302E+22
893	1,796650E+22	2,117657E+22	2,294660E+22	2,294654E+22	2,117637E+22	1,796640E+22	1,401306E+22	1,037600E+22	8,193545E+21	8,193447E+21	1,037572E+22	1,401266E+22
894	1,796608E+22	2,117672E+22	2,294769E+22	2,294760E+22	2,117685E+22	1,796657E+22	1,401310E+22	1,037610E+22	8,193819E+21	8,193806E+21	1,037609E+22	1,401310E+22
895	1,796654E+22	2,117687E+22	2,294756E+22	2,294728E+22	2,117616E+22	1,796591E+22	1,401292E+22	1,037628E+22	8,194167E+21	8,194223E+21	1,037638E+22	1,401297E+22
896	1,796584E+22	2,117561E+22	2,294611E+22	2,294660E+22	2,117637E+22	1,796640E+22	1,401339E+22	1,037675E+22	8,194563E+21	8,194435E+21	1,037641E+22	1,401291E+22
897	1,796595E+22	2,117628E+22	2,294717E+22	2,294734E+22	2,117674E+22	1,796641E+22	1,401311E+22	1,037646E+22	8,194504E+21	8,194696E+21	1,037698E+22	1,401363E+22
898	1,796637E+22	2,117599E+22	2,294617E+22	2,294594E+22	2,117559E+22	1,796605E+22	1,401334E+22	1,037683E+22	8,194740E+21	8,194729E+21	1,037678E+22	1,401324E+22
899	1,796589E+22	2,117547E+22	2,294596E+22	2,294627E+22	2,117609E+22	1,796646E+22	1,401363E+22	1,037700E+22	8,194792E+21	8,194626E+21	1,037657E+22	1,401319E+22
900	1,796645E+22	2,117674E+22	2,294728E+22	2,294710E+22	2,117620E+22	1,796594E+22	1,401296E+22	1,037651E+22	8,194560E+21	8,194671E+21	1,037680E+22	1,401337E+22
901	1,796633E+22	2,117617E+22	2,294618E+22	2,294587E+22	2,117563E+22	1,796599E+22	1,401319E+22	1,037665E+22	8,194512E+21	8,194413E+21	1,037640E+22	1,401286E+22
902	1,796574E+22	2,117598E+22	2,294707E+22	2,294729E+22	2,117664E+22	1,796645E+22	1,401319E+22	1,037640E+22	8,194212E+21	8,194150E+21	1,037630E+22	1,401314E+22
903	1,796646E+22	2,117666E+22	2,294740E+22	2,294744E+22	2,117649E+22	1,796603E+22	1,401279E+22	1,037602E+22	8,193869E+21	8,193969E+21	1,037627E+22	1,401305E+22
904	1,796607E+22	2,117586E+22	2,294618E+22	2,294652E+22	2,117645E+22	1,796646E+22	1,401319E+22	1,037619E+22	8,193743E+21	8,193575E+21	1,037577E+22	1,401266E+22
905	1,796605E+22	2,117663E+22	2,294766E+22	2,294769E+22	2,117705E+22	1,796664E+22	1,401296E+22	1,037577E+22	8,193398E+21	8,193451E+21	1,037594E+22	1,401311E+22
906	1,796656E+22	2,117680E+22	2,294736E+22	2,294694E+22	2,117604E+22	1,796601E+22	1,401286E+22	1,037587E+22	8,193447E+21	8,193410E+21	1,037572E+22	1,401267E+22
907	1,796595E+22	2,117606E+22	2,294679E+22	2,294711E+22	2,117661E+22	1,796643E+22	1,401310E+22	1,037604E+22	8,193541E+21	8,193359E+21	1,037556E+22	1,401255E+22
908	1,796621E+22	2,117699E+22	2,294801E+22	2,294809E+22	2,117713E+22	1,796624E+22	1,401253E+22	1,037556E+22	8,193383E+21	8,193567E+21	1,037606E+22	1,401312E+22
909	1,796644E+22	2,117652E+22	2,294676E+22	2,294645E+22	2,117605E+22	1,796610E+22	1,401281E+22	1,037585E+22	8,193553E+21	8,193591E+21	1,037595E+22	1,401286E+22
910	1,796594E+22	2,117602E+22	2,294698E+22	2,294724E+22	2,117667E+22	1,796651E+22	1,401316E+22	1,037616E+22	8,193787E+21	8,193690E+21	1,037595E+22	1,401303E+22
911	1,796661E+22	2,117693E+22	2,294754E+22	2,294743E+22	2,117644E+22	1,796599E+22	1,401280E+22	1,037609E+22	8,193984E+21	8,194106E+21	1,037638E+22	1,401314E+22
912	1,796621E+22	2,117607E+22	2,294619E+22	2,294608E+22	2,117586E+22	1,796611E+22	1,401326E+22	1,037667E+22	8,194481E+21	8,194349E+21	1,037630E+22	1,401275E+22
913	1,796570E+22	2,117604E+22	2,294710E+22	2,294719E+22	2,117660E+22	1,796647E+22	1,401332E+22	1,037670E+22	8,194695E+21	8,194747E+21	1,037683E+22	1,401335E+22
914	1,796619E+22	2,117607E+22	2,294659E+22	2,294640E+22	2,117568E+22	1,796584E+22	1,401320E+22	1,037694E+22	8,195086E+21	8,195184E+21	1,037714E+22	1,401333E+22
915	1,796570E+22	2,117501E+22	2,294526E+22	2,294564E+22	2,117576E+22	1,796633E+22	1,401374E+22	1,037742E+22	8,195428E+21	8,195284E+21	1,037703E+22	1,401321E+22
916	1,796586E+22	2,117575E+22	2,294638E+22	2,294656E+22	2,117621E+22	1,796622E+22	1,401338E+22	1,037714E+22	8,195381E+21	8,195502E+21	1,037747E+22	1,401382E+22
917	1,796643E+22	2,117581E+22	2,294556E+22	2,294505E+22	2,117483E+22	1,796567E+22	1,401343E+22	1,037736E+22	8,195536E+21	8,195525E+21	1,037732E+22	1,401342E+22
918	1,796579E+22	2,117523E+22	2,294567E+22	2,294581E+22	2,117552E+22	1,796604E+22	1,401367E+22	1,037753E+22	8,195578E+21	8,195379E+21	1,037706E+22	1,401326E+22
919	1,796614E+22	2,117622E+22	2,294681E+22	2,294672E+22	2,117592E+22	1,796575E+22	1,401307E+22	1,037700E+22	8,195304E+21	8,195440E+21	1,037737E+22	1,401353E+22
920	1,796599E+22	2,117554E+22	2,294571E+22	2,294554E+22	2,117540E+22	1,796590E+22	1,401330E+22	1,037705E+22	8,195141E+21	8,195077E+21	1,037690E+22	1,401306E+22
921	1,796556E+22	2,117539E+22	2,294639E+22	2,294677E+22	2,117642E+22	1,796651E+22	1,401345E+22	1,037683E+22	8,194775E+21	8,194766E+21	1,037680E+22	1,401336E+22
922	1,796634E+22	2,117616E+22	2,294657E+22	2,294655E+22	2,117592E+22	1,796593E+22	1,401309E+22	1,037662E+22	8,194596E+21	8,194648E+21	1,037672E+22	1,401321E+22
923	1,796599E+22	2,117558E+22	2,294567E+22	2,294574E+22	2,117580E+22	1,796627E+22	1,401344E+22	1,037681E+22	8,194540E+21	8,194301E+21	1,037620E+22	1,401271E+22
924	1,796578E+22	2,117613E+22	2,294714E+22	2,294721E+22	2,117662E+22	1,796639E+22	1,401312E+22	1,037638E+22	8,194258E+21	8,194274E+21	1,037643E+22	1,401320E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796638E+22	2,117637E+22	2,294675E+22	2,294632E+22	2,117554E+22	1,796570E+22	1,401287E+22	1,037631E+22	8,194222E+21	8,194274E+21	1,037641E+22	1,401297E+22
926	1,796579E+22	2,117554E+22	2,294620E+22	2,294656E+22	2,117618E+22	1,796618E+22	1,401317E+22	1,037652E+22	8,194292E+21	8,194147E+21	1,037618E+22	1,401285E+22
927	1,796607E+22	2,117641E+22	2,294723E+22	2,294737E+22	2,117670E+22	1,796617E+22	1,401281E+22	1,037614E+22	8,194157E+21	8,194354E+21	1,037666E+22	1,401342E+22
928	1,796636E+22	2,117611E+22	2,294626E+22	2,294587E+22	2,117555E+22	1,796592E+22	1,401303E+22	1,037644E+22	8,194346E+21	8,194344E+21	1,037644E+22	1,401303E+22
929	1,796584E+22	2,117566E+22	2,294645E+22	2,294664E+22	2,117624E+22	1,796642E+22	1,401344E+22	1,037678E+22	8,194622E+21	8,194532E+21	1,037653E+22	1,401313E+22
930	1,796632E+22	2,117640E+22	2,294688E+22	2,294672E+22	2,117588E+22	1,796581E+22	1,401310E+22	1,037684E+22	8,194989E+21	8,195086E+21	1,037706E+22	1,401332E+22
931	1,796590E+22	2,117547E+22	2,294556E+22	2,294544E+22	2,117538E+22	1,796595E+22	1,401349E+22	1,037738E+22	8,195479E+21	8,195343E+21	1,037702E+22	1,401298E+22
932	1,796534E+22	2,117518E+22	2,294613E+22	2,294648E+22	2,117623E+22	1,796641E+22	1,401360E+22	1,037739E+22	8,195659E+21	8,195716E+21	1,037752E+22	1,401366E+22
933	1,796616E+22	2,117554E+22	2,294562E+22	2,294536E+22	2,117495E+22	1,796559E+22	1,401339E+22	1,037751E+22	8,195926E+21	8,196076E+21	1,037785E+22	1,401372E+22
934	1,796574E+22	2,117469E+22	2,294461E+22	2,294479E+22	2,117497E+22	1,796589E+22	1,401387E+22	1,037804E+22	8,196269E+21	8,196068E+21	1,037756E+22	1,401339E+22
935	1,796577E+22	2,117544E+22	2,294585E+22	2,294586E+22	2,117558E+22	1,796593E+22	1,401355E+22	1,037775E+22	8,196228E+21	8,196315E+21	1,037799E+22	1,401391E+22
936	1,796617E+22	2,117544E+22	2,294535E+22	2,294479E+22	2,117440E+22	1,796534E+22	1,401346E+22	1,037783E+22	8,196281E+21	8,196271E+21	1,037781E+22	1,401348E+22
937	1,796547E+22	2,117470E+22	2,294523E+22	2,294559E+22	2,117542E+22	1,796600E+22	1,401379E+22	1,037793E+22	8,196223E+21	8,196107E+21	1,037763E+22	1,401340E+22
938	1,796579E+22	2,117553E+22	2,294601E+22	2,294610E+22	2,117565E+22	1,796582E+22	1,401337E+22	1,037752E+22	8,196003E+21	8,196155E+21	1,037792E+22	1,401377E+22
939	1,796582E+22	2,117499E+22	2,294498E+22	2,294484E+22	2,117499E+22	1,796594E+22	1,401365E+22	1,037764E+22	8,195845E+21	8,195737E+21	1,037735E+22	1,401323E+22
940	1,796540E+22	2,117484E+22	2,294561E+22	2,294609E+22	2,117602E+22	1,796646E+22	1,401377E+22	1,037746E+22	8,195557E+21	8,195463E+21	1,037720E+22	1,401346E+22
941	1,796631E+22	2,117589E+22	2,294595E+22	2,294569E+22	2,117518E+22	1,796561E+22	1,401322E+22	1,037713E+22	8,195357E+21	8,195429E+21	1,037728E+22	1,401340E+22
942	1,796586E+22	2,117528E+22	2,294530E+22	2,294524E+22	2,117516E+22	1,796579E+22	1,401346E+22	1,037734E+22	8,195320E+21	8,195085E+21	1,037676E+22	1,401288E+22
943	1,796555E+22	2,117563E+22	2,294655E+22	2,294671E+22	2,117622E+22	1,796615E+22	1,401317E+22	1,037685E+22	8,195024E+21	8,195103E+21	1,037709E+22	1,401349E+22
944	1,796619E+22	2,117584E+22	2,294622E+22	2,294587E+22	2,117517E+22	1,796552E+22	1,401294E+22	1,037669E+22	8,194873E+21	8,194996E+21	1,037701E+22	1,401331E+22
945	1,796579E+22	2,117513E+22	2,294557E+22	2,294601E+22	2,117585E+22	1,796615E+22	1,401340E+22	1,037697E+22	8,194920E+21	8,194840E+21	1,037674E+22	1,401309E+22
946	1,796601E+22	2,117604E+22	2,294653E+22	2,294653E+22	2,117607E+22	1,796604E+22	1,401313E+22	1,037682E+22	8,194997E+21	8,195125E+21	1,037716E+22	1,401354E+22
947	1,796621E+22	2,117579E+22	2,294578E+22	2,294521E+22	2,117498E+22	1,796576E+22	1,401333E+22	1,037717E+22	8,195295E+21	8,195213E+21	1,037694E+22	1,401302E+22
948	1,796544E+22	2,117503E+22	2,294582E+22	2,294618E+22	2,117589E+22	1,796629E+22	1,401372E+22	1,037752E+22	8,195642E+21	8,195503E+21	1,037711E+22	1,401318E+22
949	1,796597E+22	2,117572E+22	2,294604E+22	2,294595E+22	2,117533E+22	1,796558E+22	1,401326E+22	1,037746E+22	8,195944E+21	8,196110E+21	1,037785E+22	1,401363E+22
950	1,796564E+22	2,117477E+22	2,294472E+22	2,294469E+22	2,117478E+22	1,796568E+22	1,401370E+22	1,037803E+22	8,196389E+21	8,196268E+21	1,037773E+22	1,401332E+22
951	1,796520E+22	2,117453E+22	2,294517E+22	2,294557E+22	2,117560E+22	1,796622E+22	1,401387E+22	1,037806E+22	8,196558E+21	8,196616E+21	1,037820E+22	1,401398E+22
952	1,796607E+22	2,117513E+22	2,294504E+22	2,294466E+22	2,117430E+22	1,796528E+22	1,401354E+22	1,037809E+22	8,196746E+21	8,196883E+21	1,037842E+22	1,401395E+22
953	1,796569E+22	2,117442E+22	2,294417E+22	2,294426E+22	2,117449E+22	1,796568E+22	1,401401E+22	1,037854E+22	8,197027E+21	8,196882E+21	1,037815E+22	1,401352E+22
954	1,796551E+22	2,117500E+22	2,294533E+22	2,294530E+22	2,117507E+22	1,796571E+22	1,401375E+22	1,037835E+22	8,197079E+21	8,197168E+21	1,037860E+22	1,401408E+22
955	1,796589E+22	2,117491E+22	2,294481E+22	2,294439E+22	2,117417E+22	1,796530E+22	1,401365E+22	1,037837E+22	8,197072E+21	8,197071E+21	1,037838E+22	1,401365E+22
956	1,796517E+22	2,117399E+22	2,294439E+22	2,294506E+22	2,117525E+22	1,796610E+22	1,401410E+22	1,037848E+22	8,196969E+21	8,196837E+21	1,037812E+22	1,401361E+22
957	1,796574E+22	2,117506E+22	2,294514E+22	2,294519E+22	2,117505E+22	1,796569E+22	1,401362E+22	1,037804E+22	8,196693E+21	8,196854E+21	1,037845E+22	1,401404E+22
958	1,796581E+22	2,117470E+22	2,294441E+22	2,294411E+22	2,117427E+22	1,796556E+22	1,401383E+22	1,037823E+22	8,196576E+21	8,196398E+21	1,037778E+22	1,401334E+22
959	1,796525E+22	2,117449E+22	2,294503E+22	2,294541E+22	2,117539E+22	1,796616E+22	1,401393E+22	1,037802E+22	8,196336E+21	8,196227E+21	1,037771E+22	1,401356E+22
960	1,796601E+22	2,117551E+22	2,294567E+22	2,294538E+22	2,117471E+22	1,796525E+22	1,401321E+22	1,037754E+22	8,196040E+21	8,196161E+21	1,037783E+22	1,401357E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796565E+22	2,117484E+22	2,294482E+22	2,294490E+22	2,117494E+22	1,796567E+22	1,401350E+22	1,037764E+22	8,195917E+21	8,195813E+21	1,037737E+22	1,401311E+22
962	1,796534E+22	2,117508E+22	2,294582E+22	2,294605E+22	2,117581E+22	1,796611E+22	1,401344E+22	1,037737E+22	8,195725E+21	8,195824E+21	1,037766E+22	1,401378E+22
963	1,796614E+22	2,117544E+22	2,294558E+22	2,294527E+22	2,117479E+22	1,796548E+22	1,401322E+22	1,037728E+22	8,195616E+21	8,195684E+21	1,037745E+22	1,401344E+22
964	1,796563E+22	2,117467E+22	2,294486E+22	2,294538E+22	2,117546E+22	1,796611E+22	1,401376E+22	1,037767E+22	8,195791E+21	8,195608E+21	1,037716E+22	1,401314E+22
965	1,796585E+22	2,117567E+22	2,294590E+22	2,294575E+22	2,117540E+22	1,796579E+22	1,401338E+22	1,037748E+22	8,195915E+21	8,196039E+21	1,037778E+22	1,401367E+22
966	1,796590E+22	2,117529E+22	2,294526E+22	2,294471E+22	2,117435E+22	1,796535E+22	1,401350E+22	1,037788E+22	8,196272E+21	8,196181E+21	1,037763E+22	1,401320E+22
967	1,796506E+22	2,117427E+22	2,294492E+22	2,294548E+22	2,117545E+22	1,796612E+22	1,401393E+22	1,037817E+22	8,196621E+21	8,196542E+21	1,037793E+22	1,401352E+22
968	1,796567E+22	2,117501E+22	2,294524E+22	2,294522E+22	2,117480E+22	1,796538E+22	1,401341E+22	1,037799E+22	8,196771E+21	8,197015E+21	1,037859E+22	1,401404E+22
969	1,796564E+22	2,117431E+22	2,294391E+22	2,294388E+22	2,117422E+22	1,796551E+22	1,401390E+22	1,037855E+22	8,197158E+21	8,197106E+21	1,037840E+22	1,401362E+22
970	1,796517E+22	2,117418E+22	2,294444E+22	2,294465E+22	2,117484E+22	1,796594E+22	1,401414E+22	1,037875E+22	8,197459E+21	8,197464E+21	1,037878E+22	1,401419E+22
971	1,796597E+22	2,117485E+22	2,294458E+22	2,294410E+22	2,117378E+22	1,796504E+22	1,401373E+22	1,037873E+22	8,197638E+21	8,197725E+21	1,037894E+22	1,401400E+22
972	1,796536E+22	2,117391E+22	2,294365E+22	2,294392E+22	2,117426E+22	1,796560E+22	1,401425E+22	1,037917E+22	8,197901E+21	8,197721E+21	1,037867E+22	1,401362E+22
973	1,796523E+22	2,117442E+22	2,294461E+22	2,294467E+22	2,117467E+22	1,796561E+22	1,401395E+22	1,037887E+22	8,197858E+21	8,198002E+21	1,037925E+22	1,401434E+22
974	1,796566E+22	2,117433E+22	2,294411E+22	2,294380E+22	2,117372E+22	1,796515E+22	1,401393E+22	1,037896E+22	8,197807E+21	8,197793E+21	1,037891E+22	1,401387E+22
975	1,796503E+22	2,117345E+22	2,294352E+22	2,294426E+22	2,117476E+22	1,796601E+22	1,401441E+22	1,037909E+22	8,197730E+21	8,197568E+21	1,037864E+22	1,401379E+22
976	1,796555E+22	2,117468E+22	2,294461E+22	2,294452E+22	2,117444E+22	1,796541E+22	1,401375E+22	1,037854E+22	8,197384E+21	8,197524E+21	1,037891E+22	1,401419E+22
977	1,796571E+22	2,117446E+22	2,294402E+22	2,294363E+22	2,117378E+22	1,796529E+22	1,401391E+22	1,037864E+22	8,197236E+21	8,197121E+21	1,037831E+22	1,401346E+22
978	1,796501E+22	2,117409E+22	2,294455E+22	2,294487E+22	2,117484E+22	1,796583E+22	1,401403E+22	1,037854E+22	8,197087E+21	8,196998E+21	1,037830E+22	1,401379E+22
979	1,796579E+22	2,117501E+22	2,294508E+22	2,294495E+22	2,117447E+22	1,796514E+22	1,401331E+22	1,037798E+22	8,196736E+21	8,196891E+21	1,037839E+22	1,401380E+22
980	1,796547E+22	2,117430E+22	2,294409E+22	2,294438E+22	2,117474E+22	1,796572E+22	1,401376E+22	1,037813E+22	8,196587E+21	8,196478E+21	1,037784E+22	1,401335E+22
981	1,796534E+22	2,117472E+22	2,294506E+22	2,294518E+22	2,117518E+22	1,796592E+22	1,401367E+22	1,037790E+22	8,196440E+21	8,196531E+21	1,037817E+22	1,401399E+22
982	1,796607E+22	2,117518E+22	2,294509E+22	2,294465E+22	2,117414E+22	1,796515E+22	1,401346E+22	1,037795E+22	8,196446E+21	8,196432E+21	1,037790E+22	1,401349E+22
983	1,796536E+22	2,117423E+22	2,294426E+22	2,294477E+22	2,117494E+22	1,796588E+22	1,401400E+22	1,037836E+22	8,196740E+21	8,196533E+21	1,037777E+22	1,401319E+22
984	1,796534E+22	2,117504E+22	2,294540E+22	2,294532E+22	2,117496E+22	1,796551E+22	1,401349E+22	1,037805E+22	8,196794E+21	8,196963E+21	1,037847E+22	1,401389E+22
985	1,796558E+22	2,117461E+22	2,294449E+22	2,294415E+22	2,117405E+22	1,796526E+22	1,401367E+22	1,037838E+22	8,197090E+21	8,197126E+21	1,037841E+22	1,401352E+22
986	1,796482E+22	2,117358E+22	2,294393E+22	2,294452E+22	2,117481E+22	1,796599E+22	1,401427E+22	1,037886E+22	8,197517E+21	8,197456E+21	1,037866E+22	1,401393E+22
987	1,796563E+22	2,117453E+22	2,294437E+22	2,294438E+22	2,117426E+22	1,796523E+22	1,401370E+22	1,037867E+22	8,197669E+21	8,197867E+21	1,037919E+22	1,401430E+22
988	1,796558E+22	2,117395E+22	2,294322E+22	2,294314E+22	2,117371E+22	1,796536E+22	1,401420E+22	1,037925E+22	8,198075E+21	8,197948E+21	1,037891E+22	1,401379E+22
989	1,796510E+22	2,117389E+22	2,294390E+22	2,294391E+22	2,117411E+22	1,796558E+22	1,401431E+22	1,037939E+22	8,198375E+21	8,198384E+21	1,037943E+22	1,401439E+22
990	1,796574E+22	2,117444E+22	2,294417E+22	2,294373E+22	2,117330E+22	1,796467E+22	1,401388E+22	1,037937E+22	8,198529E+21	8,198605E+21	1,037956E+22	1,401418E+22
991	1,796503E+22	2,117324E+22	2,294287E+22	2,294335E+22	2,117398E+22	1,796554E+22	1,401448E+22	1,037975E+22	8,198753E+21	8,198614E+21	1,037936E+22	1,401386E+22
992	1,796490E+22	2,117380E+22	2,294395E+22	2,294405E+22	2,117424E+22	1,796551E+22	1,401417E+22	1,037936E+22	8,198544E+21	8,198720E+21	1,037982E+22	1,401462E+22
993	1,796561E+22	2,117394E+22	2,294342E+22	2,294308E+22	2,117323E+22	1,796500E+22	1,401414E+22	1,037943E+22	8,198464E+21	8,198477E+21	1,037940E+22	1,401402E+22
994	1,796488E+22	2,117310E+22	2,294287E+22	2,294339E+22	2,117406E+22	1,796574E+22	1,401465E+22	1,037971E+22	8,198513E+21	8,198290E+21	1,037911E+22	1,401392E+22
995	1,796537E+22	2,117433E+22	2,294414E+22	2,294404E+22	2,117403E+22	1,796514E+22	1,401384E+22	1,037905E+22	8,198134E+21	8,198242E+21	1,037936E+22	1,401424E+22
996	1,796539E+22	2,117394E+22	2,294350E+22	2,294327E+22	2,117357E+22	1,796516E+22	1,401403E+22	1,037911E+22	8,197945E+21	8,197823E+21	1,037880E+22	1,401364E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
997	1,796482E+22	2,117357E+22	2,294388E+22	2,294424E+22	2,117441E+22	1,796565E+22	1,401414E+22	1,037895E+22	8,197745E+21	8,197724E+21	1,037891E+22	1,401411E+22
998	1,796570E+22	2,117457E+22	2,294450E+22	2,294440E+22	2,117401E+22	1,796494E+22	1,401354E+22	1,037850E+22	8,197391E+21	8,197533E+21	1,037886E+22	1,401403E+22
999	1,796538E+22	2,117387E+22	2,294337E+22	2,294367E+22	2,117431E+22	1,796563E+22	1,401404E+22	1,037873E+22	8,197349E+21	8,197205E+21	1,037834E+22	1,401348E+22
1000	1,796511E+22	2,117439E+22	2,294464E+22	2,294458E+22	2,117465E+22	1,796569E+22	1,401386E+22	1,037845E+22	8,197189E+21	8,197259E+21	1,037864E+22	1,401409E+22
1001	1,796586E+22	2,117483E+22	2,294466E+22	2,294417E+22	2,117372E+22	1,796492E+22	1,401361E+22	1,037847E+22	8,197254E+21	8,197296E+21	1,037850E+22	1,401358E+22
1002	1,796498E+22	2,117363E+22	2,294357E+22	2,294409E+22	2,117443E+22	1,796564E+22	1,401422E+22	1,037903E+22	8,197680E+21	8,197488E+21	1,037850E+22	1,401349E+22
1003	1,796506E+22	2,117430E+22	2,294449E+22	2,294466E+22	2,117467E+22	1,796543E+22	1,401370E+22	1,037865E+22	8,197681E+21	8,197878E+21	1,037918E+22	1,401423E+22
1004	1,796543E+22	2,117396E+22	2,294356E+22	2,294334E+22	2,117363E+22	1,796521E+22	1,401400E+22	1,037903E+22	8,197950E+21	8,197966E+21	1,037905E+22	1,401391E+22
1005	1,796489E+22	2,117320E+22	2,294311E+22	2,294346E+22	2,117394E+22	1,796562E+22	1,401449E+22	1,037953E+22	8,198412E+21	8,198335E+21	1,037931E+22	1,401425E+22
1006	1,796563E+22	2,117429E+22	2,294391E+22	2,294366E+22	2,117346E+22	1,796479E+22	1,401391E+22	1,037940E+22	8,198605E+21	8,198740E+21	1,037973E+22	1,401441E+22
1007	1,796535E+22	2,117356E+22	2,294274E+22	2,294260E+22	2,117322E+22	1,796510E+22	1,401439E+22	1,037992E+22	8,199044E+21	8,198915E+21	1,037955E+22	1,401387E+22
1008	1,796465E+22	2,117334E+22	2,294347E+22	2,294351E+22	2,117376E+22	1,796534E+22	1,401441E+22	1,037992E+22	8,199207E+21	8,199256E+21	1,038006E+22	1,401458E+22
1009	1,796545E+22	2,117382E+22	2,294350E+22	2,294327E+22	2,117313E+22	1,796467E+22	1,401408E+22	1,037985E+22	8,199285E+21	8,199444E+21	1,038020E+22	1,401440E+22
1010	1,796476E+22	2,117258E+22	2,294200E+22	2,294252E+22	2,117349E+22	1,796548E+22	1,401483E+22	1,038041E+22	8,199562E+21	8,199395E+21	1,037995E+22	1,401414E+22
1011	1,796475E+22	2,117320E+22	2,294309E+22	2,294329E+22	2,117384E+22	1,796541E+22	1,401445E+22	1,037999E+22	8,199335E+21	8,199436E+21	1,038027E+22	1,401475E+22
1012	1,796544E+22	2,117351E+22	2,294278E+22	2,294240E+22	2,117278E+22	1,796489E+22	1,401441E+22	1,038003E+22	8,199242E+21	8,199184E+21	1,037985E+22	1,401418E+22
1013	1,796476E+22	2,117274E+22	2,294234E+22	2,294264E+22	2,117330E+22	1,796530E+22	1,401473E+22	1,038023E+22	8,199287E+21	8,199090E+21	1,037971E+22	1,401415E+22
1014	1,796519E+22	2,117391E+22	2,294371E+22	2,294361E+22	2,117355E+22	1,796477E+22	1,401390E+22	1,037955E+22	8,198860E+21	8,198996E+21	1,037993E+22	1,401447E+22
1015	1,796521E+22	2,117340E+22	2,294283E+22	2,294272E+22	2,117330E+22	1,796507E+22	1,401415E+22	1,037953E+22	8,198624E+21	8,198569E+21	1,037940E+22	1,401391E+22
1016	1,796466E+22	2,117316E+22	2,294335E+22	2,294364E+22	2,117398E+22	1,796548E+22	1,401427E+22	1,037934E+22	8,198309E+21	8,198314E+21	1,037937E+22	1,401437E+22
1017	1,796573E+22	2,117433E+22	2,294400E+22	2,294383E+22	2,117362E+22	1,796479E+22	1,401370E+22	1,037894E+22	8,198019E+21	8,198161E+21	1,037926E+22	1,401409E+22
1018	1,796519E+22	2,117355E+22	2,294288E+22	2,294296E+22	2,117371E+22	1,796541E+22	1,401432E+22	1,037939E+22	8,198174E+21	8,197961E+21	1,037881E+22	1,401355E+22
1019	1,796479E+22	2,117384E+22	2,294409E+22	2,294415E+22	2,117436E+22	1,796553E+22	1,401406E+22	1,037908E+22	8,198057E+21	8,198086E+21	1,037915E+22	1,401411E+22
1020	1,796543E+22	2,117415E+22	2,294398E+22	2,294368E+22	2,117351E+22	1,796490E+22	1,401387E+22	1,037910E+22	8,198127E+21	8,198158E+21	1,037914E+22	1,401385E+22
1021	1,796475E+22	2,117294E+22	2,294269E+22	2,294318E+22	2,117382E+22	1,796544E+22	1,401444E+22	1,037964E+22	8,198559E+21	8,198420E+21	1,037926E+22	1,401392E+22
1022	1,796502E+22	2,117376E+22	2,294370E+22	2,294382E+22	2,117399E+22	1,796515E+22	1,401399E+22	1,037935E+22	8,198562E+21	8,198738E+21	1,037981E+22	1,401456E+22
1023	1,796540E+22	2,117352E+22	2,294276E+22	2,294246E+22	2,117302E+22	1,796499E+22	1,401426E+22	1,037973E+22	8,198900E+21	8,198890E+21	1,037969E+22	1,401412E+22
1024	1,796473E+22	2,117293E+22	2,294273E+22	2,294280E+22	2,117328E+22	1,796525E+22	1,401461E+22	1,038012E+22	8,199283E+21	8,199206E+21	1,037991E+22	1,401444E+22
1025	1,796547E+22	2,117397E+22	2,294355E+22	2,294324E+22	2,117304E+22	1,796449E+22	1,401400E+22	1,037994E+22	8,199483E+21	8,199672E+21	1,038037E+22	1,401452E+22
1026	1,796495E+22	2,117293E+22	2,294211E+22	2,294202E+22	2,117283E+22	1,796495E+22	1,401462E+22	1,038058E+22	8,199982E+21	8,199869E+21	1,038027E+22	1,401414E+22
1027	1,796434E+22	2,117255E+22	2,294258E+22	2,294295E+22	2,117362E+22	1,796538E+22	1,401467E+22	1,038051E+22	8,200038E+21	8,200094E+21	1,038066E+22	1,401480E+22
1028	1,796523E+22	2,117316E+22	2,294258E+22	2,294247E+22	2,117277E+22	1,796473E+22	1,401446E+22	1,038050E+22	8,200073E+21	8,200170E+21	1,038072E+22	1,401468E+22
1029	1,796472E+22	2,117213E+22	2,294119E+22	2,294147E+22	2,117266E+22	1,796517E+22	1,401508E+22	1,038106E+22	8,200390E+21	8,200177E+21	1,038050E+22	1,401439E+22
1030	1,796470E+22	2,117287E+22	2,294258E+22	2,294257E+22	2,117307E+22	1,796500E+22	1,401463E+22	1,038062E+22	8,200150E+21	8,200199E+21	1,038074E+22	1,401484E+22
1031	1,796520E+22	2,117306E+22	2,294227E+22	2,294187E+22	2,117230E+22	1,796460E+22	1,401450E+22	1,038056E+22	8,200048E+21	8,200014E+21	1,038044E+22	1,401429E+22
1032	1,796443E+22	2,117230E+22	2,294197E+22	2,294224E+22	2,117292E+22	1,796501E+22	1,401468E+22	1,038057E+22	8,199907E+21	8,199789E+21	1,038027E+22	1,401442E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796508E+22	2,117349E+22	2,294319E+22	2,294316E+22	2,117331E+22	1,796470E+22	1,401399E+22	1,037986E+22	8,199429E+21	8,199648E+21	1,038042E+22	1,401468E+22
1034	1,796508E+22	2,117296E+22	2,294221E+22	2,294204E+22	2,117287E+22	1,796501E+22	1,401443E+22	1,038007E+22	8,199284E+21	8,199195E+21	1,037984E+22	1,401412E+22
1035	1,796460E+22	2,117274E+22	2,294271E+22	2,294309E+22	2,117372E+22	1,796544E+22	1,401451E+22	1,037990E+22	8,199014E+21	8,198929E+21	1,037969E+22	1,401437E+22
1036	1,796551E+22	2,117396E+22	2,294352E+22	2,294330E+22	2,117329E+22	1,796477E+22	1,401402E+22	1,037958E+22	8,198801E+21	8,198849E+21	1,037968E+22	1,401418E+22
1037	1,796494E+22	2,117307E+22	2,294236E+22	2,294229E+22	2,117305E+22	1,796506E+22	1,401448E+22	1,038002E+22	8,199064E+21	8,198859E+21	1,037947E+22	1,401378E+22
1038	1,796451E+22	2,117318E+22	2,294343E+22	2,294358E+22	2,117386E+22	1,796527E+22	1,401424E+22	1,037970E+22	8,198951E+21	8,199008E+21	1,037985E+22	1,401440E+22
1039	1,796520E+22	2,117344E+22	2,294308E+22	2,294289E+22	2,117309E+22	1,796482E+22	1,401410E+22	1,037969E+22	8,199015E+21	8,199116E+21	1,037990E+22	1,401420E+22
1040	1,796464E+22	2,117250E+22	2,294200E+22	2,294230E+22	2,117310E+22	1,796511E+22	1,401456E+22	1,038017E+22	8,199340E+21	8,199235E+21	1,037990E+22	1,401428E+22
1041	1,796511E+22	2,117352E+22	2,294313E+22	2,294307E+22	2,117337E+22	1,796485E+22	1,401410E+22	1,037990E+22	8,199405E+21	8,199584E+21	1,038036E+22	1,401470E+22
1042	1,796525E+22	2,117319E+22	2,294230E+22	2,294178E+22	2,117237E+22	1,796467E+22	1,401445E+22	1,038042E+22	8,199844E+21	8,199798E+21	1,038028E+22	1,401425E+22
1043	1,796443E+22	2,117234E+22	2,294214E+22	2,294242E+22	2,117304E+22	1,796508E+22	1,401477E+22	1,038075E+22	8,200199E+21	8,200103E+21	1,038048E+22	1,401450E+22
1044	1,796505E+22	2,117326E+22	2,294285E+22	2,294277E+22	2,117293E+22	1,796460E+22	1,401433E+22	1,038059E+22	8,200356E+21	8,200528E+21	1,038101E+22	1,401479E+22
1045	1,796468E+22	2,117218E+22	2,294122E+22	2,294115E+22	2,117225E+22	1,796485E+22	1,401494E+22	1,038125E+22	8,200871E+21	8,200777E+21	1,038098E+22	1,401451E+22
1046	1,796423E+22	2,117191E+22	2,294169E+22	2,294209E+22	2,117296E+22	1,796522E+22	1,401506E+22	1,038124E+22	8,200917E+21	8,200921E+21	1,038123E+22	1,401501E+22
1047	1,796511E+22	2,117266E+22	2,294176E+22	2,294157E+22	2,117216E+22	1,796457E+22	1,401474E+22	1,038118E+22	8,200979E+21	8,201044E+21	1,038130E+22	1,401481E+22
1048	1,796454E+22	2,117185E+22	2,294077E+22	2,294074E+22	2,117189E+22	1,796473E+22	1,401512E+22	1,038156E+22	8,201157E+21	8,200959E+21	1,038105E+22	1,401458E+22
1049	1,796459E+22	2,117258E+22	2,294221E+22	2,294215E+22	2,117260E+22	1,796464E+22	1,401459E+22	1,038103E+22	8,200882E+21	8,200988E+21	1,038130E+22	1,401499E+22
1050	1,796495E+22	2,117255E+22	2,294174E+22	2,294140E+22	2,117195E+22	1,796440E+22	1,401458E+22	1,038101E+22	8,200756E+21	8,200774E+21	1,038105E+22	1,401459E+22
1051	1,796430E+22	2,117172E+22	2,294128E+22	2,294183E+22	2,117280E+22	1,796501E+22	1,401484E+22	1,038096E+22	8,200502E+21	8,200402E+21	1,038072E+22	1,401460E+22
1052	1,796500E+22	2,117310E+22	2,294257E+22	2,294258E+22	2,117305E+22	1,796479E+22	1,401432E+22	1,038039E+22	8,200033E+21	8,200179E+21	1,038079E+22	1,401485E+22
1053	1,796502E+22	2,117265E+22	2,294167E+22	2,294128E+22	2,117219E+22	1,796477E+22	1,401467E+22	1,038066E+22	8,200037E+21	8,199886E+21	1,038028E+22	1,401423E+22
1054	1,796445E+22	2,117238E+22	2,294228E+22	2,294255E+22	2,117313E+22	1,796518E+22	1,401476E+22	1,038053E+22	8,199840E+21	8,199699E+21	1,038014E+22	1,401434E+22
1055	1,796512E+22	2,117336E+22	2,294291E+22	2,294280E+22	2,117293E+22	1,796462E+22	1,401420E+22	1,038018E+22	8,199692E+21	8,199764E+21	1,038031E+22	1,401427E+22
1056	1,796454E+22	2,117247E+22	2,294176E+22	2,294172E+22	2,117259E+22	1,796482E+22	1,401454E+22	1,038048E+22	8,199827E+21	8,199706E+21	1,038017E+22	1,401414E+22
1057	1,796442E+22	2,117265E+22	2,294268E+22	2,294289E+22	2,117339E+22	1,796510E+22	1,401436E+22	1,038017E+22	8,199707E+21	8,199834E+21	1,038048E+22	1,401470E+22
1058	1,796511E+22	2,117291E+22	2,294227E+22	2,294202E+22	2,117245E+22	1,796462E+22	1,401436E+22	1,038033E+22	8,199857E+21	8,199951E+21	1,038054E+22	1,401453E+22
1059	1,796463E+22	2,117208E+22	2,294130E+22	2,294167E+22	2,117267E+22	1,796493E+22	1,401474E+22	1,038076E+22	8,200173E+21	8,200029E+21	1,038039E+22	1,401439E+22
1060	1,796494E+22	2,117319E+22	2,294265E+22	2,294248E+22	2,117291E+22	1,796474E+22	1,401438E+22	1,038057E+22	8,200280E+21	8,200407E+21	1,038092E+22	1,401486E+22
1061	1,796498E+22	2,117267E+22	2,294175E+22	2,294117E+22	2,117176E+22	1,796435E+22	1,401463E+22	1,038110E+22	8,200823E+21	8,200786E+21	1,038100E+22	1,401451E+22
1062	1,796417E+22	2,117166E+22	2,294140E+22	2,294183E+22	2,117262E+22	1,796497E+22	1,401505E+22	1,038142E+22	8,201145E+21	8,201063E+21	1,038117E+22	1,401472E+22
1063	1,796475E+22	2,117249E+22	2,294188E+22	2,294196E+22	2,117251E+22	1,796463E+22	1,401469E+22	1,038128E+22	8,201288E+21	8,201482E+21	1,038172E+22	1,401504E+22
1064	1,796452E+22	2,117170E+22	2,294047E+22	2,294024E+22	2,117149E+22	1,796456E+22	1,401516E+22	1,038185E+22	8,201686E+21	8,201587E+21	1,038159E+22	1,401481E+22
1065	1,796425E+22	2,117160E+22	2,294105E+22	2,294128E+22	2,117225E+22	1,796488E+22	1,401517E+22	1,038181E+22	8,201764E+21	8,201745E+21	1,038174E+22	1,401510E+22
1066	1,796488E+22	2,117227E+22	2,294125E+22	2,294091E+22	2,117150E+22	1,796422E+22	1,401489E+22	1,038179E+22	8,201844E+21	8,201902E+21	1,038189E+22	1,401497E+22
1067	1,796428E+22	2,117131E+22	2,294023E+22	2,294044E+22	2,117166E+22	1,796450E+22	1,401514E+22	1,038200E+22	8,201895E+21	8,201720E+21	1,038157E+22	1,401469E+22
1068	1,796431E+22	2,117207E+22	2,294165E+22	2,294175E+22	2,117245E+22	1,796470E+22	1,401480E+22	1,038149E+22	8,201529E+21	8,201645E+21	1,038184E+22	1,401528E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796481E+22	2,117202E+22	2,294107E+22	2,294076E+22	2,117147E+22	1,796428E+22	1,401481E+22	1,038152E+22	8,201433E+21	8,201458E+21	1,038159E+22	1,401489E+22
1070	1,796428E+22	2,117130E+22	2,294062E+22	2,294120E+22	2,117232E+22	1,796494E+22	1,401517E+22	1,038155E+22	8,201202E+21	8,201043E+21	1,038112E+22	1,401468E+22
1071	1,796483E+22	2,117271E+22	2,294197E+22	2,294193E+22	2,117262E+22	1,796476E+22	1,401463E+22	1,038100E+22	8,200823E+21	8,200927E+21	1,038125E+22	1,401485E+22
1072	1,796475E+22	2,117237E+22	2,294131E+22	2,294071E+22	2,117152E+22	1,796441E+22	1,401476E+22	1,038116E+22	8,200776E+21	8,200644E+21	1,038082E+22	1,401438E+22
1073	1,796423E+22	2,117193E+22	2,294173E+22	2,294209E+22	2,117271E+22	1,796490E+22	1,401478E+22	1,038100E+22	8,200634E+21	8,200545E+21	1,038074E+22	1,401450E+22
1074	1,796479E+22	2,117268E+22	2,294215E+22	2,294219E+22	2,117252E+22	1,796447E+22	1,401434E+22	1,038069E+22	8,200482E+21	8,200627E+21	1,038103E+22	1,401465E+22
1075	1,796444E+22	2,117181E+22	2,294085E+22	2,294108E+22	2,117224E+22	1,796470E+22	1,401469E+22	1,038094E+22	8,200527E+21	8,200439E+21	1,038074E+22	1,401443E+22
1076	1,796443E+22	2,117231E+22	2,294197E+22	2,294211E+22	2,117286E+22	1,796502E+22	1,401468E+22	1,038077E+22	8,200437E+21	8,200511E+21	1,038100E+22	1,401498E+22
1077	1,796510E+22	2,117264E+22	2,294171E+22	2,294121E+22	2,117164E+22	1,796424E+22	1,401455E+22	1,038099E+22	8,200744E+21	8,200793E+21	1,038110E+22	1,401471E+22
1078	1,796450E+22	2,117174E+22	2,294086E+22	2,294112E+22	2,117206E+22	1,796467E+22	1,401499E+22	1,038144E+22	8,201108E+21	8,200934E+21	1,038094E+22	1,401440E+22
1079	1,796452E+22	2,117257E+22	2,294203E+22	2,294200E+22	2,117259E+22	1,796467E+22	1,401465E+22	1,038125E+22	8,201269E+21	8,201416E+21	1,038161E+22	1,401495E+22
1080	1,796456E+22	2,117204E+22	2,294107E+22	2,294056E+22	2,117129E+22	1,796420E+22	1,401483E+22	1,038168E+22	8,201695E+21	8,201716E+21	1,038173E+22	1,401483E+22
1081	1,796402E+22	2,117105E+22	2,294052E+22	2,294108E+22	2,117215E+22	1,796486E+22	1,401529E+22	1,038205E+22	8,202037E+21	8,201960E+21	1,038181E+22	1,401495E+22
1082	1,796454E+22	2,117188E+22	2,294098E+22	2,294107E+22	2,117188E+22	1,796445E+22	1,401502E+22	1,038200E+22	8,202219E+21	8,202376E+21	1,038237E+22	1,401532E+22
1083	1,796441E+22	2,117119E+22	2,293971E+22	2,293958E+22	2,117098E+22	1,796432E+22	1,401534E+22	1,038247E+22	8,202540E+21	8,202407E+21	1,038212E+22	1,401494E+22
1084	1,796407E+22	2,117127E+22	2,294056E+22	2,294069E+22	2,117171E+22	1,796467E+22	1,401540E+22	1,038242E+22	8,202571E+21	8,202535E+21	1,038233E+22	1,401532E+22
1085	1,796463E+22	2,117177E+22	2,294069E+22	2,294035E+22	2,117093E+22	1,796386E+22	1,401497E+22	1,038233E+22	8,202684E+21	8,202782E+21	1,038259E+22	1,401529E+22
1086	1,796415E+22	2,117081E+22	2,293959E+22	2,293992E+22	2,117132E+22	1,796442E+22	1,401533E+22	1,038247E+22	8,202617E+21	8,202494E+21	1,038216E+22	1,401493E+22
1087	1,796416E+22	2,117155E+22	2,294088E+22	2,294107E+22	2,117210E+22	1,796473E+22	1,401511E+22	1,038201E+22	8,202234E+21	8,202364E+21	1,038236E+22	1,401545E+22
1088	1,796473E+22	2,117177E+22	2,294054E+22	2,294010E+22	2,117087E+22	1,796404E+22	1,401498E+22	1,038199E+22	8,202064E+21	8,202062E+21	1,038201E+22	1,401507E+22
1089	1,796427E+22	2,117112E+22	2,294018E+22	2,294064E+22	2,117179E+22	1,796464E+22	1,401526E+22	1,038204E+22	8,201920E+21	8,201708E+21	1,038147E+22	1,401462E+22
1090	1,796445E+22	2,117223E+22	2,294147E+22	2,294143E+22	2,117213E+22	1,796451E+22	1,401480E+22	1,038155E+22	8,201600E+21	8,201698E+21	1,038177E+22	1,401493E+22
1091	1,796438E+22	2,117170E+22	2,294067E+22	2,294042E+22	2,117135E+22	1,796426E+22	1,401484E+22	1,038159E+22	8,201472E+21	8,201381E+21	1,038136E+22	1,401453E+22
1092	1,796395E+22	2,117137E+22	2,294101E+22	2,294149E+22	2,117239E+22	1,796491E+22	1,401504E+22	1,038149E+22	8,201296E+21	8,201243E+21	1,038136E+22	1,401485E+22
1093	1,796465E+22	2,117212E+22	2,294132E+22	2,294134E+22	2,117187E+22	1,796425E+22	1,401459E+22	1,038127E+22	8,201256E+21	8,201410E+21	1,038166E+22	1,401503E+22
1094	1,796450E+22	2,117148E+22	2,294016E+22	2,294030E+22	2,117163E+22	1,796452E+22	1,401496E+22	1,038155E+22	8,201331E+21	8,201206E+21	1,038123E+22	1,401457E+22
1095	1,796431E+22	2,117200E+22	2,294139E+22	2,294141E+22	2,117229E+22	1,796485E+22	1,401495E+22	1,038145E+22	8,201349E+21	8,201388E+21	1,038154E+22	1,401502E+22
1096	1,796484E+22	2,117237E+22	2,294136E+22	2,294072E+22	2,117100E+22	1,796383E+22	1,401464E+22	1,038156E+22	8,201612E+21	8,201684E+21	1,038174E+22	1,401489E+22
1097	1,796425E+22	2,117125E+22	2,294031E+22	2,294070E+22	2,117170E+22	1,796441E+22	1,401507E+22	1,038203E+22	8,202047E+21	8,201898E+21	1,038162E+22	1,401455E+22
1098	1,796409E+22	2,117178E+22	2,294117E+22	2,294135E+22	2,117223E+22	1,796464E+22	1,401496E+22	1,038191E+22	8,202203E+21	8,202399E+21	1,038238E+22	1,401530E+22
1099	1,796436E+22	2,117128E+22	2,294008E+22	2,293987E+22	2,117092E+22	1,796413E+22	1,401513E+22	1,038231E+22	8,202543E+21	8,202570E+21	1,038236E+22	1,401510E+22
1100	1,796394E+22	2,117062E+22	2,293968E+22	2,294017E+22	2,117155E+22	1,796476E+22	1,401567E+22	1,038277E+22	8,202896E+21	8,202766E+21	1,038242E+22	1,401523E+22
1101	1,796440E+22	2,117145E+22	2,294029E+22	2,294018E+22	2,117104E+22	1,796404E+22	1,401522E+22	1,038272E+22	8,203186E+21	8,203305E+21	1,038301E+22	1,401556E+22
1102	1,796427E+22	2,117078E+22	2,293916E+22	2,293895E+22	2,117038E+22	1,796402E+22	1,401552E+22	1,038308E+22	8,203439E+21	8,203311E+21	1,038273E+22	1,401506E+22
1103	1,796374E+22	2,117071E+22	2,293996E+22	2,294020E+22	2,117137E+22	1,796454E+22	1,401559E+22	1,038299E+22	8,203427E+21	8,203432E+21	1,038299E+22	1,401551E+22
1104	1,796440E+22	2,117133E+22	2,294011E+22	2,293978E+22	2,117047E+22	1,796365E+22	1,401507E+22	1,038275E+22	8,203349E+21	8,203512E+21	1,038319E+22	1,401563E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1105	1,796412E+22	2,117043E+22	2,293894E+22	2,293932E+22	2,117092E+22	1,796428E+22	1,401550E+22	1,038295E+22	8,203297E+21	8,203149E+21	1,038260E+22	1,401507E+22
1106	1,796399E+22	2,117112E+22	2,294024E+22	2,294040E+22	2,117165E+22	1,796464E+22	1,401539E+22	1,038258E+22	8,202944E+21	8,203025E+21	1,038279E+22	1,401557E+22
1107	1,796455E+22	2,117133E+22	2,293999E+22	2,293964E+22	2,117051E+22	1,796385E+22	1,401515E+22	1,038249E+22	8,202737E+21	8,202691E+21	1,038237E+22	1,401506E+22
1108	1,796400E+22	2,117078E+22	2,293973E+22	2,294015E+22	2,117139E+22	1,796450E+22	1,401550E+22	1,038259E+22	8,202611E+21	8,202388E+21	1,038200E+22	1,401478E+22
1109	1,796408E+22	2,117159E+22	2,294081E+22	2,294087E+22	2,117165E+22	1,796421E+22	1,401490E+22	1,038208E+22	8,202391E+21	8,202522E+21	1,038243E+22	1,401526E+22
1110	1,796422E+22	2,117112E+22	2,293990E+22	2,293974E+22	2,117094E+22	1,796418E+22	1,401505E+22	1,038207E+22	8,202193E+21	8,202155E+21	1,038197E+22	1,401482E+22
1111	1,796385E+22	2,117089E+22	2,294023E+22	2,294069E+22	2,117187E+22	1,796481E+22	1,401533E+22	1,038207E+22	8,202057E+21	8,202011E+21	1,038192E+22	1,401508E+22
1112	1,796465E+22	2,117196E+22	2,294079E+22	2,294056E+22	2,117112E+22	1,796386E+22	1,401470E+22	1,038178E+22	8,201986E+21	8,202128E+21	1,038217E+22	1,401526E+22
1113	1,796451E+22	2,117134E+22	2,293979E+22	2,293975E+22	2,117106E+22	1,796414E+22	1,401502E+22	1,038210E+22	8,202174E+21	8,202005E+21	1,038170E+22	1,401457E+22
1114	1,796393E+22	2,117150E+22	2,294091E+22	2,294097E+22	2,117189E+22	1,796462E+22	1,401514E+22	1,038207E+22	8,202250E+21	8,202296E+21	1,038217E+22	1,401515E+22
1115	1,796443E+22	2,117161E+22	2,294067E+22	2,294043E+22	2,117089E+22	1,796376E+22	1,401482E+22	1,038212E+22	8,202454E+21	8,202555E+21	1,038237E+22	1,401508E+22
1116	1,796393E+22	2,117060E+22	2,293949E+22	2,294003E+22	2,117140E+22	1,796450E+22	1,401548E+22	1,038269E+22	8,202873E+21	8,202750E+21	1,038234E+22	1,401492E+22
1117	1,796383E+22	2,117101E+22	2,294017E+22	2,294041E+22	2,117158E+22	1,796447E+22	1,401533E+22	1,038268E+22	8,203170E+21	8,203338E+21	1,038310E+22	1,401568E+22
1118	1,796433E+22	2,117082E+22	2,293922E+22	2,293890E+22	2,117026E+22	1,796399E+22	1,401548E+22	1,038305E+22	8,203509E+21	8,203494E+21	1,038298E+22	1,401530E+22
1119	1,796378E+22	2,117023E+22	2,293900E+22	2,293927E+22	2,117081E+22	1,796449E+22	1,401596E+22	1,038350E+22	8,203893E+21	8,203741E+21	1,038306E+22	1,401536E+22
1120	1,796420E+22	2,117114E+22	2,293981E+22	2,293953E+22	2,117031E+22	1,796355E+22	1,401525E+22	1,038327E+22	8,204056E+21	8,204215E+21	1,038371E+22	1,401587E+22
1121	1,796415E+22	2,117039E+22	2,293865E+22	2,293851E+22	2,116999E+22	1,796368E+22	1,401547E+22	1,038354E+22	8,204253E+21	8,204157E+21	1,038335E+22	1,401528E+22
1122	1,796348E+22	2,117009E+22	2,293923E+22	2,293959E+22	2,117102E+22	1,796444E+22	1,401579E+22	1,038349E+22	8,204155E+21	8,204205E+21	1,038361E+22	1,401583E+22
1123	1,796430E+22	2,117076E+22	2,293940E+22	2,293929E+22	2,117021E+22	1,796359E+22	1,401530E+22	1,038323E+22	8,203965E+21	8,204102E+21	1,038359E+22	1,401576E+22
1124	1,796405E+22	2,117019E+22	2,293844E+22	2,293867E+22	2,117047E+22	1,796421E+22	1,401582E+22	1,038353E+22	8,203941E+21	8,203730E+21	1,038299E+22	1,401515E+22
1125	1,796369E+22	2,117067E+22	2,293972E+22	2,293977E+22	2,117104E+22	1,796434E+22	1,401560E+22	1,038321E+22	8,203754E+21	8,203770E+21	1,038325E+22	1,401562E+22
1126	1,796425E+22	2,117085E+22	2,293947E+22	2,293913E+22	2,117014E+22	1,796370E+22	1,401533E+22	1,038302E+22	8,203519E+21	8,203472E+21	1,038288E+22	1,401510E+22
1127	1,796359E+22	2,117014E+22	2,293905E+22	2,293956E+22	2,117107E+22	1,796442E+22	1,401570E+22	1,038313E+22	8,203398E+21	8,203209E+21	1,038260E+22	1,401498E+22
1128	1,796388E+22	2,117108E+22	2,294010E+22	2,294016E+22	2,117112E+22	1,796396E+22	1,401501E+22	1,038252E+22	8,203054E+21	8,203244E+21	1,038305E+22	1,401567E+22
1129	1,796428E+22	2,117077E+22	2,293926E+22	2,293906E+22	2,117043E+22	1,796390E+22	1,401514E+22	1,038256E+22	8,202906E+21	8,202846E+21	1,038246E+22	1,401503E+22
1130	1,796376E+22	2,117053E+22	2,293965E+22	2,294000E+22	2,117134E+22	1,796458E+22	1,401553E+22	1,038264E+22	8,202828E+21	8,202763E+21	1,038245E+22	1,401528E+22
1131	1,796452E+22	2,117157E+22	2,294037E+22	2,294016E+22	2,117073E+22	1,796363E+22	1,401484E+22	1,038230E+22	8,202733E+21	8,202861E+21	1,038264E+22	1,401533E+22
1132	1,796425E+22	2,117099E+22	2,293941E+22	2,293933E+22	2,117073E+22	1,796401E+22	1,401527E+22	1,038271E+22	8,202976E+21	8,202830E+21	1,038234E+22	1,401477E+22
1133	1,796352E+22	2,117075E+22	2,294017E+22	2,294038E+22	2,117151E+22	1,796446E+22	1,401536E+22	1,038274E+22	8,203196E+21	8,203260E+21	1,038291E+22	1,401549E+22
1134	1,796424E+22	2,117092E+22	2,293972E+22	2,293958E+22	2,117051E+22	1,796381E+22	1,401519E+22	1,038279E+22	8,203366E+21	8,203485E+21	1,038306E+22	1,401538E+22
1135	1,796377E+22	2,117001E+22	2,293857E+22	2,293902E+22	2,117078E+22	1,796442E+22	1,401591E+22	1,038348E+22	8,203847E+21	8,203681E+21	1,038299E+22	1,401518E+22
1136	1,796380E+22	2,117068E+22	2,293945E+22	2,293943E+22	2,117069E+22	1,796400E+22	1,401548E+22	1,038335E+22	8,204090E+21	8,204227E+21	1,038372E+22	1,401595E+22
1137	1,796428E+22	2,117052E+22	2,293871E+22	2,293820E+22	2,116953E+22	1,796348E+22	1,401552E+22	1,038368E+22	8,204467E+21	8,204414E+21	1,038357E+22	1,401539E+22
1138	1,796344E+22	2,116969E+22	2,293846E+22	2,293875E+22	2,117033E+22	1,796416E+22	1,401605E+22	1,038408E+22	8,204793E+21	8,204684E+21	1,038376E+22	1,401559E+22
1139	1,796389E+22	2,117045E+22	2,293918E+22	2,293916E+22	2,117009E+22	1,796341E+22	1,401535E+22	1,038373E+22	8,204794E+21	8,204998E+21	1,038429E+22	1,401608E+22
1140	1,796396E+22	2,116990E+22	2,293804E+22	2,293794E+22	2,116972E+22	1,796373E+22	1,401580E+22	1,038407E+22	8,204920E+21	8,204852E+21	1,038393E+22	1,401556E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796329E+22	2,116950E+22	2,293846E+22	2,293887E+22	2,117054E+22	1,796431E+22	1,401609E+22	1,038414E+22	8,204950E+21	8,204930E+21	1,038409E+22	1,401603E+22
1142	1,796423E+22	2,117038E+22	2,293873E+22	2,293853E+22	2,116979E+22	1,796357E+22	1,401562E+22	1,038386E+22	8,204756E+21	8,204820E+21	1,038400E+22	1,401577E+22
1143	1,796376E+22	2,116977E+22	2,293794E+22	2,293800E+22	2,116995E+22	1,796406E+22	1,401611E+22	1,038418E+22	8,204784E+21	8,204528E+21	1,038348E+22	1,401518E+22
1144	1,796339E+22	2,117019E+22	2,293920E+22	2,293920E+22	2,117046E+22	1,796394E+22	1,401563E+22	1,038369E+22	8,204509E+21	8,204566E+21	1,038386E+22	1,401588E+22
1145	1,796406E+22	2,117033E+22	2,293887E+22	2,293861E+22	2,116977E+22	1,796342E+22	1,401531E+22	1,038345E+22	8,204253E+21	8,204251E+21	1,038348E+22	1,401538E+22
1146	1,796342E+22	2,116955E+22	2,293829E+22	2,293884E+22	2,117063E+22	1,796428E+22	1,401585E+22	1,038357E+22	8,204064E+21	8,203944E+21	1,038323E+22	1,401538E+22
1147	1,796391E+22	2,117063E+22	2,293945E+22	2,293955E+22	2,117068E+22	1,796377E+22	1,401515E+22	1,038295E+22	8,203652E+21	8,203828E+21	1,038346E+22	1,401588E+22
1148	1,796434E+22	2,117068E+22	2,293891E+22	2,293846E+22	2,116993E+22	1,796372E+22	1,401535E+22	1,038307E+22	8,203549E+21	8,203470E+21	1,038290E+22	1,401516E+22
1149	1,796354E+22	2,117013E+22	2,293922E+22	2,293947E+22	2,117080E+22	1,796427E+22	1,401569E+22	1,038326E+22	8,203672E+21	8,203562E+21	1,038295E+22	1,401537E+22
1150	1,796425E+22	2,117109E+22	2,293985E+22	2,293969E+22	2,117051E+22	1,796361E+22	1,401508E+22	1,038290E+22	8,203592E+21	8,203720E+21	1,038321E+22	1,401540E+22
1151	1,796383E+22	2,117031E+22	2,293871E+22	2,293870E+22	2,117041E+22	1,796403E+22	1,401561E+22	1,038339E+22	8,203903E+21	8,203762E+21	1,038300E+22	1,401499E+22
1152	1,796328E+22	2,117007E+22	2,293927E+22	2,293951E+22	2,117092E+22	1,796428E+22	1,401562E+22	1,038338E+22	8,204075E+21	8,204155E+21	1,038360E+22	1,401585E+22
1153	1,796420E+22	2,117043E+22	2,293892E+22	2,293872E+22	2,116988E+22	1,796352E+22	1,401538E+22	1,038349E+22	8,204313E+21	8,204375E+21	1,038366E+22	1,401559E+22
1154	1,796361E+22	2,116952E+22	2,293781E+22	2,293809E+22	2,117003E+22	1,796410E+22	1,401613E+22	1,038418E+22	8,204812E+21	8,204628E+21	1,038365E+22	1,401543E+22
1155	1,796362E+22	2,117018E+22	2,293890E+22	2,293884E+22	2,117009E+22	1,796364E+22	1,401560E+22	1,038394E+22	8,204963E+21	8,205099E+21	1,038432E+22	1,401612E+22
1156	1,796407E+22	2,117013E+22	2,293830E+22	2,293774E+22	2,116910E+22	1,796322E+22	1,401565E+22	1,038424E+22	8,205290E+21	8,205304E+21	1,038429E+22	1,401566E+22
1157	1,796311E+22	2,116897E+22	2,293773E+22	2,293818E+22	2,116994E+22	1,796397E+22	1,401619E+22	1,038467E+22	8,205677E+21	8,205603E+21	1,038447E+22	1,401595E+22
1158	1,796379E+22	2,116988E+22	2,293835E+22	2,293840E+22	2,116981E+22	1,796353E+22	1,401569E+22	1,038431E+22	8,205585E+21	8,205798E+21	1,038485E+22	1,401629E+22
1159	1,796381E+22	2,116944E+22	2,293734E+22	2,293713E+22	2,116922E+22	1,796371E+22	1,401621E+22	1,038478E+22	8,205764E+21	8,205619E+21	1,038439E+22	1,401568E+22
1160	1,796320E+22	2,116916E+22	2,293786E+22	2,293809E+22	2,116984E+22	1,796398E+22	1,401626E+22	1,038474E+22	8,205756E+21	8,205680E+21	1,038456E+22	1,401614E+22
1161	1,796405E+22	2,117002E+22	2,293828E+22	2,293801E+22	2,116925E+22	1,796320E+22	1,401568E+22	1,038442E+22	8,205583E+21	8,205604E+21	1,038448E+22	1,401579E+22
1162	1,796335E+22	2,116914E+22	2,293736E+22	2,293750E+22	2,116954E+22	1,796383E+22	1,401621E+22	1,038468E+22	8,205549E+21	8,205349E+21	1,038412E+22	1,401543E+22
1163	1,796312E+22	2,116948E+22	2,293852E+22	2,293873E+22	2,117017E+22	1,796382E+22	1,401572E+22	1,038406E+22	8,205112E+21	8,205228E+21	1,038440E+22	1,401616E+22
1164	1,796401E+22	2,116992E+22	2,293827E+22	2,293800E+22	2,116939E+22	1,796338E+22	1,401554E+22	1,038388E+22	8,204813E+21	8,204873E+21	1,038404E+22	1,401570E+22
1165	1,796338E+22	2,116913E+22	2,293763E+22	2,293815E+22	2,117009E+22	1,796405E+22	1,401603E+22	1,038411E+22	8,204781E+21	8,204620E+21	1,038370E+22	1,401562E+22
1166	1,796397E+22	2,117044E+22	2,293893E+22	2,293883E+22	2,117023E+22	1,796372E+22	1,401540E+22	1,038351E+22	8,204400E+21	8,204524E+21	1,038386E+22	1,401589E+22
1167	1,796411E+22	2,117037E+22	2,293859E+22	2,293797E+22	2,116947E+22	1,796357E+22	1,401563E+22	1,038373E+22	8,204404E+21	8,204272E+21	1,038338E+22	1,401520E+22
1168	1,796327E+22	2,116964E+22	2,293872E+22	2,293899E+22	2,117033E+22	1,796395E+22	1,401575E+22	1,038379E+22	8,204505E+21	8,204417E+21	1,038357E+22	1,401557E+22
1169	1,796398E+22	2,117045E+22	2,293914E+22	2,293912E+22	2,117016E+22	1,796343E+22	1,401520E+22	1,038347E+22	8,204458E+21	8,204603E+21	1,038385E+22	1,401563E+22
1170	1,796356E+22	2,116957E+22	2,293781E+22	2,293786E+22	2,116988E+22	1,796395E+22	1,401592E+22	1,038403E+22	8,204767E+21	8,204665E+21	1,038372E+22	1,401536E+22
1171	1,796319E+22	2,116946E+22	2,293844E+22	2,293869E+22	2,117028E+22	1,796404E+22	1,401585E+22	1,038400E+22	8,204903E+21	8,204953E+21	1,038415E+22	1,401606E+22
1172	1,796415E+22	2,117015E+22	2,293839E+22	2,293796E+22	2,116921E+22	1,796324E+22	1,401560E+22	1,038413E+22	8,205182E+21	8,205252E+21	1,038429E+22	1,401576E+22
1173	1,796334E+22	2,116899E+22	2,293723E+22	2,293746E+22	2,116938E+22	1,796369E+22	1,401623E+22	1,038484E+22	8,205799E+21	8,205609E+21	1,038433E+22	1,401563E+22
1174	1,796340E+22	2,116964E+22	2,293822E+22	2,293823E+22	2,116977E+22	1,796357E+22	1,401579E+22	1,038454E+22	8,205882E+21	8,206044E+21	1,038498E+22	1,401629E+22
1175	1,796373E+22	2,116948E+22	2,293762E+22	2,293715E+22	2,116878E+22	1,796324E+22	1,401598E+22	1,038490E+22	8,206185E+21	8,206203E+21	1,038493E+22	1,401593E+22
1176	1,796300E+22	2,116840E+22	2,293692E+22	2,293740E+22	2,116940E+22	1,796380E+22	1,401644E+22	1,038527E+22	8,206489E+21	8,206417E+21	1,038508E+22	1,401624E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796376E+22	2,116949E+22	2,293767E+22	2,293767E+22	2,116929E+22	1,796334E+22	1,401593E+22	1,038497E+22	8,206439E+21	8,206576E+21	1,038535E+22	1,401640E+22
1178	1,796360E+22	2,116899E+22	2,293672E+22	2,293639E+22	2,116861E+22	1,796353E+22	1,401646E+22	1,038542E+22	8,206613E+21	8,206452E+21	1,038496E+22	1,401583E+22
1179	1,796293E+22	2,116861E+22	2,293734E+22	2,293761E+22	2,116933E+22	1,796370E+22	1,401638E+22	1,038526E+22	8,206501E+21	8,206426E+21	1,038507E+22	1,401624E+22
1180	1,796380E+22	2,116958E+22	2,293782E+22	2,293759E+22	2,116890E+22	1,796300E+22	1,401578E+22	1,038486E+22	8,206268E+21	8,206374E+21	1,038513E+22	1,401606E+22
1181	1,796309E+22	2,116847E+22	2,293658E+22	2,293687E+22	2,116911E+22	1,796364E+22	1,401631E+22	1,038514E+22	8,206264E+21	8,206114E+21	1,038475E+22	1,401582E+22
1182	1,796317E+22	2,116909E+22	2,293774E+22	2,293794E+22	2,116978E+22	1,796386E+22	1,401597E+22	1,038454E+22	8,205753E+21	8,205875E+21	1,038488E+22	1,401638E+22
1183	1,796401E+22	2,116969E+22	2,293778E+22	2,293733E+22	2,116883E+22	1,796323E+22	1,401582E+22	1,038446E+22	8,205524E+21	8,205506E+21	1,038440E+22	1,401580E+22
1184	1,796337E+22	2,116894E+22	2,293722E+22	2,293754E+22	2,116943E+22	1,796367E+22	1,401610E+22	1,038460E+22	8,205508E+21	8,205313E+21	1,038412E+22	1,401566E+22
1185	1,796377E+22	2,117015E+22	2,293862E+22	2,293849E+22	2,116983E+22	1,796341E+22	1,401545E+22	1,038404E+22	8,205193E+21	8,205287E+21	1,038432E+22	1,401585E+22
1186	1,796364E+22	2,116971E+22	2,293799E+22	2,293755E+22	2,116916E+22	1,796346E+22	1,401579E+22	1,038426E+22	8,205220E+21	8,205140E+21	1,038404E+22	1,401540E+22
1187	1,796289E+22	2,116882E+22	2,293792E+22	2,293846E+22	2,117002E+22	1,796392E+22	1,401599E+22	1,038431E+22	8,205248E+21	8,205194E+21	1,038416E+22	1,401581E+22
1188	1,796381E+22	2,116989E+22	2,293838E+22	2,293842E+22	2,116970E+22	1,796338E+22	1,401552E+22	1,038407E+22	8,205233E+21	8,205421E+21	1,038452E+22	1,401592E+22
1189	1,796340E+22	2,116896E+22	2,293693E+22	2,293699E+22	2,116919E+22	1,796369E+22	1,401617E+22	1,038474E+22	8,205713E+21	8,205574E+21	1,038437E+22	1,401565E+22
1190	1,796317E+22	2,116912E+22	2,293768E+22	2,293776E+22	2,116964E+22	1,796391E+22	1,401613E+22	1,038469E+22	8,205849E+21	8,205878E+21	1,038476E+22	1,401619E+22
1191	1,796390E+22	2,116973E+22	2,293788E+22	2,293733E+22	2,116860E+22	1,796297E+22	1,401585E+22	1,038485E+22	8,206179E+21	8,206233E+21	1,038495E+22	1,401597E+22
1192	1,796316E+22	2,116847E+22	2,293657E+22	2,293686E+22	2,116885E+22	1,796333E+22	1,401626E+22	1,038539E+22	8,206714E+21	8,206587E+21	1,038509E+22	1,401598E+22
1193	1,796328E+22	2,116910E+22	2,293750E+22	2,293761E+22	2,116936E+22	1,796340E+22	1,401595E+22	1,038513E+22	8,206756E+21	8,206944E+21	1,038566E+22	1,401657E+22
1194	1,796356E+22	2,116888E+22	2,293680E+22	2,293640E+22	2,116827E+22	1,796318E+22	1,401631E+22	1,038554E+22	8,207030E+21	8,207058E+21	1,038558E+22	1,401624E+22
1195	1,796290E+22	2,116793E+22	2,293625E+22	2,293671E+22	2,116883E+22	1,796361E+22	1,401669E+22	1,038588E+22	8,207266E+21	8,207134E+21	1,038552E+22	1,401633E+22
1196	1,796359E+22	2,116920E+22	2,293725E+22	2,293708E+22	2,116874E+22	1,796314E+22	1,401616E+22	1,038556E+22	8,207229E+21	8,207366E+21	1,038588E+22	1,401644E+22
1197	1,796321E+22	2,116839E+22	2,293614E+22	2,293589E+22	2,116810E+22	1,796323E+22	1,401660E+22	1,038601E+22	8,207478E+21	8,207316E+21	1,038557E+22	1,401600E+22
1198	1,796268E+22	2,116805E+22	2,293656E+22	2,293695E+22	2,116903E+22	1,796368E+22	1,401657E+22	1,038576E+22	8,207264E+21	8,207223E+21	1,038565E+22	1,401640E+22
1199	1,796351E+22	2,116899E+22	2,293711E+22	2,293698E+22	2,116853E+22	1,796299E+22	1,401607E+22	1,038541E+22	8,206997E+21	8,207101E+21	1,038567E+22	1,401635E+22
1200	1,796311E+22	2,116806E+22	2,293586E+22	2,293616E+22	2,116853E+22	1,796335E+22	1,401640E+22	1,038558E+22	8,206913E+21	8,206771E+21	1,038525E+22	1,401610E+22
1201	1,796324E+22	2,116889E+22	2,293723E+22	2,293730E+22	2,116921E+22	1,796355E+22	1,401610E+22	1,038506E+22	8,206450E+21	8,206515E+21	1,038527E+22	1,401644E+22
1202	1,796382E+22	2,116938E+22	2,293737E+22	2,293682E+22	2,116832E+22	1,796303E+22	1,401600E+22	1,038497E+22	8,206246E+21	8,206229E+21	1,038490E+22	1,401589E+22
1203	1,796307E+22	2,116849E+22	2,293686E+22	2,293724E+22	2,116903E+22	1,796342E+22	1,401619E+22	1,038506E+22	8,206189E+21	8,206006E+21	1,038458E+22	1,401571E+22
1204	1,796342E+22	2,116964E+22	2,293815E+22	2,293816E+22	2,116961E+22	1,796334E+22	1,401561E+22	1,038449E+22	8,205903E+21	8,206086E+21	1,038496E+22	1,401604E+22
1205	1,796329E+22	2,116893E+22	2,293710E+22	2,293690E+22	2,116879E+22	1,796339E+22	1,401603E+22	1,038483E+22	8,206033E+21	8,205998E+21	1,038472E+22	1,401577E+22
1206	1,796287E+22	2,116830E+22	2,293687E+22	2,293746E+22	2,116954E+22	1,796396E+22	1,401635E+22	1,038496E+22	8,206072E+21	8,206001E+21	1,038474E+22	1,401603E+22
1207	1,796370E+22	2,116949E+22	2,293767E+22	2,293756E+22	2,116901E+22	1,796319E+22	1,401588E+22	1,038482E+22	8,206163E+21	8,206265E+21	1,038506E+22	1,401614E+22
1208	1,796337E+22	2,116864E+22	2,293632E+22	2,293621E+22	2,116837E+22	1,796318E+22	1,401623E+22	1,038535E+22	8,206640E+21	8,206500E+21	1,038500E+22	1,401585E+22
1209	1,796302E+22	2,116878E+22	2,293722E+22	2,293723E+22	2,116904E+22	1,796348E+22	1,401620E+22	1,038532E+22	8,206790E+21	8,206830E+21	1,038542E+22	1,401633E+22
1210	1,796353E+22	2,116910E+22	2,293722E+22	2,293681E+22	2,116820E+22	1,796282E+22	1,401602E+22	1,038543E+22	8,207077E+21	8,207206E+21	1,038573E+22	1,401629E+22
1211	1,796289E+22	2,116780E+22	2,293585E+22	2,293628E+22	2,116846E+22	1,796325E+22	1,401650E+22	1,038594E+22	8,207494E+21	8,207400E+21	1,038570E+22	1,401625E+22
1212	1,796316E+22	2,116865E+22	2,293685E+22	2,293699E+22	2,116894E+22	1,796336E+22	1,401629E+22	1,038575E+22	8,207562E+21	8,207765E+21	1,038626E+22	1,401677E+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°
1213	1,796337E+22	2,116833E+22	2,293599E+22	2,293563E+22	2,116770E+22	1,796301E+22	1,401663E+22	1,038627E+22	8,207969E+21	8,207930E+21	1,038615E+22	1,401643E+22
1214	1,796278E+22	2,116755E+22	2,293550E+22	2,293590E+22	2,116834E+22	1,796355E+22	1,401702E+22	1,038658E+22	8,208176E+21	8,207996E+21	1,038606E+22	1,401636E+22
1215	1,796319E+22	2,116867E+22	2,293673E+22	2,293657E+22	2,116824E+22	1,796290E+22	1,401641E+22	1,038624E+22	8,208134E+21	8,208233E+21	1,038647E+22	1,401663E+22
1216	1,796296E+22	2,116776E+22	2,293537E+22	2,293526E+22	2,116758E+22	1,796287E+22	1,401660E+22	1,038647E+22	8,208264E+21	8,208175E+21	1,038627E+22	1,401636E+22
1217	1,796260E+22	2,116758E+22	2,293584E+22	2,293626E+22	2,116852E+22	1,796345E+22	1,401670E+22	1,038623E+22	8,207955E+21	8,207960E+21	1,038624E+22	1,401670E+22
1218	1,796343E+22	2,116856E+22	2,293639E+22	2,293623E+22	2,116798E+22	1,796281E+22	1,401627E+22	1,038589E+22	8,207657E+21	8,207781E+21	1,038620E+22	1,401663E+22
1219	1,796308E+22	2,116783E+22	2,293544E+22	2,293559E+22	2,116798E+22	1,796307E+22	1,401651E+22	1,038601E+22	8,207509E+21	8,207329E+21	1,038559E+22	1,401616E+22
1220	1,796312E+22	2,116874E+22	2,293701E+22	2,293696E+22	2,116881E+22	1,796333E+22	1,401621E+22	1,038548E+22	8,207095E+21	8,207181E+21	1,038570E+22	1,401642E+22
1221	1,796341E+22	2,116881E+22	2,293687E+22	2,293651E+22	2,116803E+22	1,796283E+22	1,401614E+22	1,038549E+22	8,207006E+21	8,206994E+21	1,038543E+22	1,401602E+22
1222	1,796277E+22	2,116790E+22	2,293606E+22	2,293666E+22	2,116888E+22	1,796354E+22	1,401647E+22	1,038559E+22	8,206931E+21	8,206769E+21	1,038514E+22	1,401584E+22
1223	1,796304E+22	2,116895E+22	2,293736E+22	2,293750E+22	2,116924E+22	1,796339E+22	1,401603E+22	1,038515E+22	8,206703E+21	8,206851E+21	1,038551E+22	1,401634E+22
1224	1,796324E+22	2,116840E+22	2,293619E+22	2,293601E+22	2,116814E+22	1,796311E+22	1,401623E+22	1,038544E+22	8,206866E+21	8,206826E+21	1,038535E+22	1,401610E+22
1225	1,796291E+22	2,116804E+22	2,293621E+22	2,293658E+22	2,116877E+22	1,796359E+22	1,401656E+22	1,038564E+22	8,206968E+21	8,206860E+21	1,038532E+22	1,401620E+22
1226	1,796351E+22	2,116911E+22	2,293710E+22	2,293684E+22	2,116832E+22	1,796285E+22	1,401606E+22	1,038547E+22	8,207092E+21	8,207215E+21	1,038575E+22	1,401637E+22
1227	1,796311E+22	2,116821E+22	2,293591E+22	2,293577E+22	2,116784E+22	1,796279E+22	1,401627E+22	1,038587E+22	8,207471E+21	8,207375E+21	1,038565E+22	1,401607E+22
1228	1,796278E+22	2,116829E+22	2,293670E+22	2,293682E+22	2,116874E+22	1,796332E+22	1,401633E+22	1,038580E+22	8,207610E+21	8,207758E+21	1,038616E+22	1,401662E+22
1229	1,796326E+22	2,116839E+22	2,293637E+22	2,293617E+22	2,116785E+22	1,796277E+22	1,401633E+22	1,038607E+22	8,207955E+21	8,208109E+21	1,038643E+22	1,401665E+22
1230	1,796286E+22	2,116736E+22	2,293492E+22	2,293537E+22	2,116802E+22	1,796330E+22	1,401693E+22	1,038666E+22	8,208378E+21	8,208226E+21	1,038624E+22	1,401636E+22
1231	1,796290E+22	2,116819E+22	2,293621E+22	2,293624E+22	2,116836E+22	1,796324E+22	1,401672E+22	1,038657E+22	8,208536E+21	8,208608E+21	1,038674E+22	1,401687E+22
1232	1,796317E+22	2,116785E+22	2,293533E+22	2,293492E+22	2,116704E+22	1,796259E+22	1,401674E+22	1,038692E+22	8,208911E+21	8,208859E+21	1,038677E+22	1,401657E+22
1233	1,796250E+22	2,116704E+22	2,293486E+22	2,293526E+22	2,116776E+22	1,796317E+22	1,401713E+22	1,038719E+22	8,209062E+21	8,208901E+21	1,038672E+22	1,401653E+22
1234	1,796280E+22	2,116794E+22	2,293592E+22	2,293591E+22	2,116783E+22	1,796276E+22	1,401658E+22	1,038675E+22	8,208918E+21	8,209093E+21	1,038719E+22	1,401699E+22
1235	1,796278E+22	2,116720E+22	2,293472E+22	2,293462E+22	2,116710E+22	1,796266E+22	1,401672E+22	1,038687E+22	8,208864E+21	8,208821E+21	1,038680E+22	1,401666E+22
1236	1,796262E+22	2,116731E+22	2,293534E+22	2,293569E+22	2,116807E+22	1,796326E+22	1,401685E+22	1,038665E+22	8,208566E+21	8,208601E+21	1,038671E+22	1,401688E+22
1237	1,796333E+22	2,116822E+22	2,293585E+22	2,293564E+22	2,116752E+22	1,796263E+22	1,401646E+22	1,038642E+22	8,208360E+21	8,208444E+21	1,038663E+22	1,401676E+22
1238	1,796299E+22	2,116761E+22	2,293495E+22	2,293503E+22	2,116765E+22	1,796301E+22	1,401675E+22	1,038654E+22	8,208217E+21	8,207998E+21	1,038599E+22	1,401612E+22
1239	1,796270E+22	2,116825E+22	2,293662E+22	2,293665E+22	2,116855E+22	1,796322E+22	1,401647E+22	1,038608E+22	8,207870E+21	8,207893E+21	1,038616E+22	1,401656E+22
1240	1,796314E+22	2,116816E+22	2,293611E+22	2,293594E+22	2,116768E+22	1,796262E+22	1,401623E+22	1,038597E+22	8,207760E+21	8,207799E+21	1,038607E+22	1,401633E+22
1241	1,796266E+22	2,116739E+22	2,293526E+22	2,293584E+22	2,116834E+22	1,796337E+22	1,401674E+22	1,038618E+22	8,207688E+21	8,207545E+21	1,038574E+22	1,401613E+22
1242	1,796291E+22	2,116842E+22	2,293654E+22	2,293662E+22	2,116860E+22	1,796318E+22	1,401631E+22	1,038578E+22	8,207515E+21	8,207655E+21	1,038613E+22	1,401662E+22
1243	1,796314E+22	2,116810E+22	2,293571E+22	2,293528E+22	2,116742E+22	1,796270E+22	1,401633E+22	1,038598E+22	8,207645E+21	8,207589E+21	1,038586E+22	1,401625E+22
1244	1,796278E+22	2,116782E+22	2,293593E+22	2,293613E+22	2,116821E+22	1,796320E+22	1,401661E+22	1,038614E+22	8,207801E+21	8,207752E+21	1,038594E+22	1,401632E+22
1245	1,796315E+22	2,116851E+22	2,293650E+22	2,293637E+22	2,116794E+22	1,796260E+22	1,401618E+22	1,038605E+22	8,207993E+21	8,208152E+21	1,038645E+22	1,401663E+22
1246	1,796289E+22	2,116762E+22	2,293509E+22	2,293514E+22	2,116767E+22	1,796287E+22	1,401657E+22	1,038648E+22	8,208327E+21	8,208249E+21	1,038629E+22	1,401628E+22
1247	1,796247E+22	2,116763E+22	2,293595E+22	2,293620E+22	2,116839E+22	1,796335E+22	1,401677E+22	1,038656E+22	8,208511E+21	8,208581E+21	1,038673E+22	1,401690E+22
1248	1,796317E+22	2,116779E+22	2,293544E+22	2,293529E+22	2,116727E+22	1,796254E+22	1,401660E+22	1,038679E+22	8,208904E+21	8,209018E+21	1,038706E+22	1,401690E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
1249	1,796276E+22	2,116699E+22	2,293423E+22	2,293446E+22	2,116730E+22	1,796305E+22	1,401726E+22	1,038744E+22	8,209352E+21	8,209154E+21	1,038685E+22	1,401648E+22
1250	1,796254E+22	2,116760E+22	2,293553E+22	2,293549E+22	2,116770E+22	1,796295E+22	1,401696E+22	1,038728E+22	8,209511E+21	8,209592E+21	1,038745E+22	1,401707E+22
1251	1,796280E+22	2,116727E+22	2,293477E+22	2,293434E+22	2,116650E+22	1,796221E+22	1,401678E+22	1,038743E+22	8,209732E+21	8,209734E+21	1,038745E+22	1,401685E+22
1252	1,796232E+22	2,116652E+22	2,293425E+22	2,293470E+22	2,116736E+22	1,796295E+22	1,401718E+22	1,038758E+22	8,209792E+21	8,209749E+21	1,038741E+22	1,401687E+22
1253	1,796267E+22	2,116733E+22	2,293507E+22	2,293515E+22	2,116737E+22	1,796263E+22	1,401679E+22	1,038726E+22	8,209624E+21	8,209822E+21	1,038777E+22	1,401737E+22
1254	1,796290E+22	2,116695E+22	2,293402E+22	2,293384E+22	2,116668E+22	1,796261E+22	1,401699E+22	1,038741E+22	8,209526E+21	8,209419E+21	1,038716E+22	1,401675E+22
1255	1,796248E+22	2,116709E+22	2,293503E+22	2,293521E+22	2,116760E+22	1,796309E+22	1,401713E+22	1,038727E+22	8,209297E+21	8,209199E+21	1,038702E+22	1,401691E+22
1256	1,796315E+22	2,116785E+22	2,293542E+22	2,293520E+22	2,116710E+22	1,796231E+22	1,401653E+22	1,038692E+22	8,209111E+21	8,209180E+21	1,038709E+22	1,401680E+22
1257	1,796269E+22	2,116717E+22	2,293450E+22	2,293457E+22	2,116729E+22	1,796283E+22	1,401693E+22	1,038708E+22	8,208964E+21	8,208763E+21	1,038653E+22	1,401621E+22
1258	1,796225E+22	2,116746E+22	2,293585E+22	2,293606E+22	2,116826E+22	1,796322E+22	1,401673E+22	1,038663E+22	8,208623E+21	8,208686E+21	1,038679E+22	1,401681E+22
1259	1,796289E+22	2,116758E+22	2,293543E+22	2,293525E+22	2,116721E+22	1,796246E+22	1,401642E+22	1,038646E+22	8,208432E+21	8,208485E+21	1,038660E+22	1,401663E+22
1260	1,796266E+22	2,116706E+22	2,293467E+22	2,293511E+22	2,116778E+22	1,796312E+22	1,401689E+22	1,038669E+22	8,208437E+21	8,208318E+21	1,038630E+22	1,401635E+22
1261	1,796280E+22	2,116800E+22	2,293590E+22	2,293587E+22	2,116800E+22	1,796292E+22	1,401651E+22	1,038640E+22	8,208358E+21	8,208482E+21	1,038671E+22	1,401686E+22
1262	1,796308E+22	2,116780E+22	2,293518E+22	2,293468E+22	2,116697E+22	1,796248E+22	1,401649E+22	1,038656E+22	8,208478E+21	8,208416E+21	1,038642E+22	1,401635E+22
1263	1,796242E+22	2,116729E+22	2,293548E+22	2,293575E+22	2,116789E+22	1,796301E+22	1,401680E+22	1,038677E+22	8,208684E+21	8,208602E+21	1,038655E+22	1,401660E+22
1264	1,796296E+22	2,116783E+22	2,293567E+22	2,293572E+22	2,116760E+22	1,796244E+22	1,401632E+22	1,038659E+22	8,208856E+21	8,209077E+21	1,038717E+22	1,401699E+22
1265	1,796282E+22	2,116712E+22	2,293428E+22	2,293424E+22	2,116707E+22	1,796275E+22	1,401693E+22	1,038718E+22	8,209209E+21	8,209127E+21	1,038693E+22	1,401653E+22
1266	1,796228E+22	2,116703E+22	2,293509E+22	2,293529E+22	2,116777E+22	1,796320E+22	1,401716E+22	1,038734E+22	8,209480E+21	8,209489E+21	1,038734E+22	1,401708E+22
1267	1,796294E+22	2,116739E+22	2,293491E+22	2,293453E+22	2,116656E+22	1,796218E+22	1,401677E+22	1,038744E+22	8,209815E+21	8,209890E+21	1,038762E+22	1,401702E+22
1268	1,796251E+22	2,116657E+22	2,293378E+22	2,293389E+22	2,116672E+22	1,796268E+22	1,401734E+22	1,038801E+22	8,210268E+21	8,210122E+21	1,038752E+22	1,401662E+22
1269	1,796214E+22	2,116683E+22	2,293474E+22	2,293486E+22	2,116728E+22	1,796274E+22	1,401711E+22	1,038786E+22	8,210395E+21	8,210522E+21	1,038818E+22	1,401740E+22
1270	1,796264E+22	2,116666E+22	2,293390E+22	2,293362E+22	2,116620E+22	1,796220E+22	1,401701E+22	1,038796E+22	8,210496E+21	8,210522E+21	1,038805E+22	1,401711E+22
1271	1,796216E+22	2,116602E+22	2,293361E+22	2,293409E+22	2,116695E+22	1,796286E+22	1,401748E+22	1,038820E+22	8,210545E+21	8,210422E+21	1,038789E+22	1,401718E+22
1272	1,796273E+22	2,116695E+22	2,293437E+22	2,293440E+22	2,116683E+22	1,796237E+22	1,401694E+22	1,038781E+22	8,210391E+21	8,210549E+21	1,038826E+22	1,401756E+22
1273	1,796288E+22	2,116679E+22	2,293365E+22	2,293320E+22	2,116607E+22	1,796238E+22	1,401724E+22	1,038801E+22	8,210291E+21	8,210142E+21	1,038761E+22	1,401677E+22
1274	1,796215E+22	2,116661E+22	2,293461E+22	2,293478E+22	2,116719E+22	1,796289E+22	1,401732E+22	1,038785E+22	8,210087E+21	8,209979E+21	1,038754E+22	1,401697E+22
1275	1,796274E+22	2,116730E+22	2,293499E+22	2,293482E+22	2,116680E+22	1,796209E+22	1,401656E+22	1,038734E+22	8,209793E+21	8,209905E+21	1,038764E+22	1,401699E+22
1276	1,796246E+22	2,116662E+22	2,293392E+22	2,293406E+22	2,116699E+22	1,796274E+22	1,401702E+22	1,038746E+22	8,209634E+21	8,209538E+21	1,038714E+22	1,401649E+22
1277	1,796209E+22	2,116679E+22	2,293492E+22	2,293521E+22	2,116777E+22	1,796313E+22	1,401700E+22	1,038717E+22	8,209337E+21	8,209412E+21	1,038736E+22	1,401715E+22
1278	1,796295E+22	2,116723E+22	2,293466E+22	2,293440E+22	2,116670E+22	1,796233E+22	1,401667E+22	1,038704E+22	8,209176E+21	8,209170E+21	1,038704E+22	1,401676E+22
1279	1,796253E+22	2,116679E+22	2,293430E+22	2,293458E+22	2,116721E+22	1,796281E+22	1,401706E+22	1,038730E+22	8,209248E+21	8,209034E+21	1,038675E+22	1,401650E+22
1280	1,796265E+22	2,116755E+22	2,293534E+22	2,293529E+22	2,116745E+22	1,796252E+22	1,401653E+22	1,038693E+22	8,209209E+21	8,209357E+21	1,038732E+22	1,401704E+22
1281	1,796286E+22	2,116733E+22	2,293466E+22	2,293412E+22	2,116652E+22	1,796230E+22	1,401669E+22	1,038713E+22	8,209307E+21	8,209291E+21	1,038707E+22	1,401655E+22
1282	1,796208E+22	2,116655E+22	2,293469E+22	2,293509E+22	2,116753E+22	1,796300E+22	1,401711E+22	1,038740E+22	8,209543E+21	8,209486E+21	1,038722E+22	1,401684E+22
1283	1,796273E+22	2,116729E+22	2,293497E+22	2,293496E+22	2,116710E+22	1,796230E+22	1,401657E+22	1,038722E+22	8,209683E+21	8,209887E+21	1,038775E+22	1,401724E+22
1284	1,796274E+22	2,116674E+22	2,293368E+22	2,293349E+22	2,116650E+22	1,796256E+22	1,401716E+22	1,038783E+22	8,210138E+21	8,210050E+21	1,038753E+22	1,401669E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796204E+22	2,116643E+22	2,293430E+22	2,293446E+22	2,116714E+22	1,796299E+22	1,401745E+22	1,038809E+22	8,210478E+21	8,210455E+21	1,038800E+22	1,401727E+22
1286	1,796272E+22	2,116686E+22	2,293421E+22	2,293387E+22	2,116609E+22	1,796196E+22	1,401699E+22	1,038814E+22	8,210772E+21	8,210829E+21	1,038826E+22	1,401717E+22
1287	1,796214E+22	2,116592E+22	2,293318E+22	2,293340E+22	2,116631E+22	1,796246E+22	1,401751E+22	1,038864E+22	8,211174E+21	8,211011E+21	1,038822E+22	1,401700E+22
1288	1,796202E+22	2,116614E+22	2,293381E+22	2,293404E+22	2,116677E+22	1,796253E+22	1,401724E+22	1,038840E+22	8,211227E+21	8,211416E+21	1,038890E+22	1,401781E+22
1289	1,796270E+22	2,116631E+22	2,293321E+22	2,293276E+22	2,116552E+22	1,796203E+22	1,401732E+22	1,038857E+22	8,211261E+21	8,211288E+21	1,038861E+22	1,401736E+22
1290	1,796208E+22	2,116564E+22	2,293301E+22	2,293339E+22	2,116638E+22	1,796266E+22	1,401773E+22	1,038883E+22	8,211352E+21	8,211174E+21	1,038837E+22	1,401726E+22
1291	1,796255E+22	2,116675E+22	2,293409E+22	2,293389E+22	2,116631E+22	1,796207E+22	1,401701E+22	1,038830E+22	8,211115E+21	8,211244E+21	1,038867E+22	1,401758E+22
1292	1,796262E+22	2,116644E+22	2,293338E+22	2,293291E+22	2,116574E+22	1,796214E+22	1,401727E+22	1,038844E+22	8,211027E+21	8,210924E+21	1,038812E+22	1,401682E+22
1293	1,796171E+22	2,116583E+22	2,293386E+22	2,293430E+22	2,116698E+22	1,796288E+22	1,401753E+22	1,038835E+22	8,210810E+21	8,210736E+21	1,038812E+22	1,401719E+22
1294	1,796252E+22	2,116664E+22	2,293414E+22	2,293420E+22	2,116656E+22	1,796215E+22	1,401684E+22	1,038783E+22	8,210445E+21	8,210562E+21	1,038813E+22	1,401718E+22
1295	1,796228E+22	2,116608E+22	2,293324E+22	2,293341E+22	2,116652E+22	1,796264E+22	1,401732E+22	1,038805E+22	8,210332E+21	8,210159E+21	1,038761E+22	1,401680E+22
1296	1,796213E+22	2,116638E+22	2,293413E+22	2,293433E+22	2,116712E+22	1,796286E+22	1,401714E+22	1,038771E+22	8,210107E+21	8,210165E+21	1,038788E+22	1,401737E+22
1297	1,796297E+22	2,116707E+22	2,293423E+22	2,293365E+22	2,116594E+22	1,796201E+22	1,401687E+22	1,038762E+22	8,209967E+21	8,209963E+21	1,038758E+22	1,401686E+22
1298	1,796227E+22	2,116632E+22	2,293385E+22	2,293412E+22	2,116672E+22	1,796251E+22	1,401717E+22	1,038787E+22	8,210099E+21	8,209900E+21	1,038736E+22	1,401664E+22
1299	1,796236E+22	2,116708E+22	2,293487E+22	2,293484E+22	2,116708E+22	1,796227E+22	1,401654E+22	1,038737E+22	8,209967E+21	8,210172E+21	1,038795E+22	1,401731E+22
1300	1,796270E+22	2,116683E+22	2,293407E+22	2,293359E+22	2,116617E+22	1,796220E+22	1,401683E+22	1,038761E+22	8,210094E+21	8,210153E+21	1,038771E+22	1,401682E+22
1301	1,796191E+22	2,116589E+22	2,293378E+22	2,293425E+22	2,116703E+22	1,796296E+22	1,401749E+22	1,038809E+22	8,210410E+21	8,210324E+21	1,038782E+22	1,401708E+22
1302	1,796265E+22	2,116684E+22	2,293420E+22	2,293417E+22	2,116657E+22	1,796220E+22	1,401692E+22	1,038796E+22	8,210611E+21	8,210728E+21	1,038825E+22	1,401728E+22
1303	1,796243E+22	2,116627E+22	2,293319E+22	2,293294E+22	2,116592E+22	1,796231E+22	1,401744E+22	1,038860E+22	8,211133E+21	8,210956E+21	1,038813E+22	1,401687E+22
1304	1,796176E+22	2,116576E+22	2,293348E+22	2,293373E+22	2,116656E+22	1,796266E+22	1,401757E+22	1,038875E+22	8,211489E+21	8,211500E+21	1,038876E+22	1,401752E+22
1305	1,796247E+22	2,116626E+22	2,293345E+22	2,293312E+22	2,116552E+22	1,796180E+22	1,401724E+22	1,038877E+22	8,211695E+21	8,211813E+21	1,038903E+22	1,401748E+22
1306	1,796190E+22	2,116521E+22	2,293232E+22	2,293266E+22	2,116583E+22	1,796234E+22	1,401777E+22	1,038927E+22	8,212045E+21	8,211912E+21	1,038891E+22	1,401732E+22
1307	1,796196E+22	2,116576E+22	2,293316E+22	2,293327E+22	2,116616E+22	1,796228E+22	1,401740E+22	1,038894E+22	8,211989E+21	8,212173E+21	1,038945E+22	1,401808E+22
1308	1,796272E+22	2,116611E+22	2,293280E+22	2,293221E+22	2,116502E+22	1,796180E+22	1,401744E+22	1,038908E+22	8,212043E+21	8,212072E+21	1,038911E+22	1,401746E+22
1309	1,796188E+22	2,116523E+22	2,293248E+22	2,293281E+22	2,116589E+22	1,796249E+22	1,401796E+22	1,038941E+22	8,212138E+21	8,211942E+21	1,038887E+22	1,401734E+22
1310	1,796227E+22	2,116625E+22	2,293355E+22	2,293351E+22	2,116606E+22	1,796197E+22	1,401720E+22	1,038883E+22	8,211858E+21	8,211968E+21	1,038914E+22	1,401762E+22
1311	1,796222E+22	2,116580E+22	2,293283E+22	2,293259E+22	2,116553E+22	1,796209E+22	1,401745E+22	1,038894E+22	8,211727E+21	8,211612E+21	1,038867E+22	1,401712E+22
1312	1,796157E+22	2,116512E+22	2,293283E+22	2,293345E+22	2,116650E+22	1,796276E+22	1,401771E+22	1,038883E+22	8,211511E+21	8,211479E+21	1,038872E+22	1,401752E+22
1313	1,796254E+22	2,116628E+22	2,293340E+22	2,293329E+22	2,116583E+22	1,796198E+22	1,401717E+22	1,038841E+22	8,211146E+21	8,211247E+21	1,038863E+22	1,401739E+22
1314	1,796220E+22	2,116575E+22	2,293267E+22	2,293270E+22	2,116585E+22	1,796233E+22	1,401749E+22	1,038862E+22	8,211106E+21	8,210890E+21	1,038807E+22	1,401687E+22
1315	1,796199E+22	2,116624E+22	2,293385E+22	2,293379E+22	2,116645E+22	1,796241E+22	1,401713E+22	1,038816E+22	8,210831E+21	8,210898E+21	1,038836E+22	1,401745E+22
1316	1,796276E+22	2,116678E+22	2,293396E+22	2,293339E+22	2,116559E+22	1,796172E+22	1,401682E+22	1,038801E+22	8,210713E+21	8,210783E+21	1,038815E+22	1,401698E+22
1317	1,796192E+22	2,116564E+22	2,293312E+22	2,293362E+22	2,116649E+22	1,796250E+22	1,401738E+22	1,038838E+22	8,210853E+21	8,210706E+21	1,038798E+22	1,401688E+22
1318	1,796215E+22	2,116645E+22	2,293406E+22	2,293427E+22	2,116685E+22	1,796235E+22	1,401689E+22	1,038796E+22	8,210731E+21	8,210912E+21	1,038846E+22	1,401747E+22
1319	1,796250E+22	2,116629E+22	2,293338E+22	2,293301E+22	2,116575E+22	1,796216E+22	1,401722E+22	1,038834E+22	8,210961E+21	8,210927E+21	1,038826E+22	1,401709E+22
1320	1,796181E+22	2,116534E+22	2,293284E+22	2,293332E+22	2,116637E+22	1,796276E+22	1,401779E+22	1,038884E+22	8,211409E+21	8,211289E+21	1,038847E+22	1,401727E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796247E+22	2,116644E+22	2,293359E+22	2,293334E+22	2,116577E+22	1,796193E+22	1,401727E+22	1,038872E+22	8,211625E+21	8,211741E+21	1,038896E+22	1,401745E+22
1322	1,796206E+22	2,116559E+22	2,293248E+22	2,293233E+22	2,116535E+22	1,796199E+22	1,401761E+22	1,038930E+22	8,212163E+21	8,212019E+21	1,038892E+22	1,401712E+22
1323	1,796151E+22	2,116523E+22	2,293276E+22	2,293301E+22	2,116601E+22	1,796236E+22	1,401761E+22	1,038925E+22	8,212352E+21	8,212455E+21	1,038954E+22	1,401793E+22
1324	1,796244E+22	2,116581E+22	2,293274E+22	2,293239E+22	2,116499E+22	1,796158E+22	1,401734E+22	1,038925E+22	8,212505E+21	8,212696E+21	1,038972E+22	1,401784E+22
1325	1,796188E+22	2,116475E+22	2,293150E+22	2,293183E+22	2,116527E+22	1,796221E+22	1,401805E+22	1,038988E+22	8,212842E+21	8,212685E+21	1,038947E+22	1,401758E+22
1326	1,796195E+22	2,116549E+22	2,293262E+22	2,293270E+22	2,116569E+22	1,796210E+22	1,401764E+22	1,038954E+22	8,212768E+21	8,212868E+21	1,038983E+22	1,401806E+22
1327	1,796242E+22	2,116573E+22	2,293249E+22	2,293192E+22	2,116463E+22	1,796160E+22	1,401765E+22	1,038968E+22	8,212824E+21	8,212782E+21	1,038957E+22	1,401754E+22
1328	1,796153E+22	2,116458E+22	2,293175E+22	2,293227E+22	2,116554E+22	1,796234E+22	1,401812E+22	1,038995E+22	8,212939E+21	8,212766E+21	1,038946E+22	1,401746E+22
1329	1,796192E+22	2,116565E+22	2,293284E+22	2,293283E+22	2,116562E+22	1,796196E+22	1,401752E+22	1,038938E+22	8,212589E+21	8,212733E+21	1,038972E+22	1,401781E+22
1330	1,796191E+22	2,116510E+22	2,293198E+22	2,293189E+22	2,116508E+22	1,796200E+22	1,401774E+22	1,038951E+22	8,212471E+21	8,212354E+21	1,038922E+22	1,401734E+22
1331	1,796151E+22	2,116482E+22	2,293215E+22	2,293262E+22	2,116583E+22	1,796246E+22	1,401782E+22	1,038930E+22	8,212189E+21	8,212150E+21	1,038921E+22	1,401775E+22
1332	1,796256E+22	2,116612E+22	2,293297E+22	2,293268E+22	2,116523E+22	1,796164E+22	1,401720E+22	1,038886E+22	8,211873E+21	8,211980E+21	1,038912E+22	1,401752E+22
1333	1,796203E+22	2,116541E+22	2,293220E+22	2,293218E+22	2,116534E+22	1,796205E+22	1,401761E+22	1,038912E+22	8,211834E+21	8,211639E+21	1,038862E+22	1,401703E+22
1334	1,796177E+22	2,116579E+22	2,293340E+22	2,293353E+22	2,116620E+22	1,796222E+22	1,401722E+22	1,038862E+22	8,211543E+21	8,211624E+21	1,038888E+22	1,401757E+22
1335	1,796242E+22	2,116620E+22	2,293345E+22	2,293313E+22	2,116544E+22	1,796171E+22	1,401703E+22	1,038850E+22	8,211415E+21	8,211508E+21	1,038875E+22	1,401731E+22
1336	1,796178E+22	2,116500E+22	2,293214E+22	2,293280E+22	2,116605E+22	1,796248E+22	1,401769E+22	1,038897E+22	8,211656E+21	8,211533E+21	1,038861E+22	1,401717E+22
1337	1,796208E+22	2,116604E+22	2,293329E+22	2,293334E+22	2,116616E+22	1,796229E+22	1,401736E+22	1,038871E+22	8,211621E+21	8,211751E+21	1,038902E+22	1,401762E+22
1338	1,796228E+22	2,116580E+22	2,293268E+22	2,293227E+22	2,116511E+22	1,796190E+22	1,401752E+22	1,038912E+22	8,211979E+21	8,211885E+21	1,038886E+22	1,401718E+22
1339	1,796157E+22	2,116499E+22	2,293224E+22	2,293256E+22	2,116563E+22	1,796233E+22	1,401788E+22	1,038947E+22	8,212369E+21	8,212272E+21	1,038917E+22	1,401749E+22
1340	1,796219E+22	2,116592E+22	2,293300E+22	2,293281E+22	2,116530E+22	1,796161E+22	1,401729E+22	1,038928E+22	8,212568E+21	8,212757E+21	1,038973E+22	1,401773E+22
1341	1,796178E+22	2,116488E+22	2,293160E+22	2,293159E+22	2,116489E+22	1,796185E+22	1,401781E+22	1,038986E+22	8,213012E+21	8,212939E+21	1,038967E+22	1,401751E+22
1342	1,796142E+22	2,116465E+22	2,293194E+22	2,293232E+22	2,116554E+22	1,796223E+22	1,401789E+22	1,038985E+22	8,213147E+21	8,213233E+21	1,039009E+22	1,401817E+22
1343	1,796235E+22	2,116543E+22	2,293216E+22	2,293186E+22	2,116459E+22	1,796147E+22	1,401763E+22	1,038989E+22	8,213299E+21	8,213426E+21	1,039024E+22	1,401808E+22
1344	1,796180E+22	2,116436E+22	2,293077E+22	2,293102E+22	2,116468E+22	1,796201E+22	1,401830E+22	1,039053E+22	8,213727E+21	8,213531E+21	1,039001E+22	1,401767E+22
1345	1,796171E+22	2,116513E+22	2,293217E+22	2,293207E+22	2,116508E+22	1,796194E+22	1,401800E+22	1,039023E+22	8,213644E+21	8,213709E+21	1,039038E+22	1,401810E+22
1346	1,796197E+22	2,116505E+22	2,293187E+22	2,293152E+22	2,116432E+22	1,796142E+22	1,401784E+22	1,039030E+22	8,213697E+21	8,213657E+21	1,039018E+22	1,401767E+22
1347	1,796122E+22	2,116402E+22	2,293097E+22	2,293156E+22	2,116509E+22	1,796214E+22	1,401821E+22	1,039039E+22	8,213651E+21	8,213549E+21	1,039010E+22	1,401778E+22
1348	1,796181E+22	2,116516E+22	2,293211E+22	2,293213E+22	2,116512E+22	1,796177E+22	1,401764E+22	1,038982E+22	8,213271E+21	8,213449E+21	1,039028E+22	1,401808E+22
1349	1,796185E+22	2,116469E+22	2,293123E+22	2,293107E+22	2,116448E+22	1,796178E+22	1,401795E+22	1,039003E+22	8,213150E+21	8,213017E+21	1,038970E+22	1,401756E+22
1350	1,796149E+22	2,116458E+22	2,293173E+22	2,293211E+22	2,116530E+22	1,796214E+22	1,401794E+22	1,038980E+22	8,212869E+21	8,212780E+21	1,038958E+22	1,401778E+22
1351	1,796233E+22	2,116583E+22	2,293274E+22	2,293247E+22	2,116492E+22	1,796140E+22	1,401729E+22	1,038932E+22	8,212541E+21	8,212644E+21	1,038961E+22	1,401769E+22
1352	1,796176E+22	2,116487E+22	2,293155E+22	2,293170E+22	2,116506E+22	1,796192E+22	1,401773E+22	1,038958E+22	8,212567E+21	8,212421E+21	1,038921E+22	1,401724E+22
1353	1,796152E+22	2,116527E+22	2,293276E+22	2,293290E+22	2,116583E+22	1,796227E+22	1,401760E+22	1,038918E+22	8,212269E+21	8,212370E+21	1,038944E+22	1,401777E+22
1354	1,796216E+22	2,116554E+22	2,293264E+22	2,293250E+22	2,116508E+22	1,796167E+22	1,401740E+22	1,038918E+22	8,212248E+21	8,212304E+21	1,038930E+22	1,401749E+22
1355	1,796169E+22	2,116469E+22	2,293141E+22	2,293191E+22	2,116540E+22	1,796224E+22	1,401792E+22	1,038960E+22	8,212509E+21	8,212364E+21	1,038919E+22	1,401738E+22
1356	1,796195E+22	2,116572E+22	2,293274E+22	2,293261E+22	2,116549E+22	1,796195E+22	1,401750E+22	1,038935E+22	8,212562E+21	8,212675E+21	1,038964E+22	1,401776E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796198E+22	2,116526E+22	2,293201E+22	2,293157E+22	2,116451E+22	1,796158E+22	1,401771E+22	1,038979E+22	8,212932E+21	8,212861E+21	1,038959E+22	1,401744E+22
1358	1,796131E+22	2,116438E+22	2,293159E+22	2,293206E+22	2,116520E+22	1,796201E+22	1,401797E+22	1,039004E+22	8,213253E+21	8,213184E+21	1,038986E+22	1,401775E+22
1359	1,796194E+22	2,116529E+22	2,293227E+22	2,293226E+22	2,116494E+22	1,796147E+22	1,401748E+22	1,038982E+22	8,213367E+21	8,213609E+21	1,039046E+22	1,401818E+22
1360	1,796172E+22	2,116430E+22	2,293063E+22	2,293064E+22	2,116430E+22	1,796171E+22	1,401810E+22	1,039049E+22	8,213862E+21	8,213802E+21	1,039033E+22	1,401783E+22
1361	1,796142E+22	2,116437E+22	2,293132E+22	2,293144E+22	2,116483E+22	1,796208E+22	1,401828E+22	1,039058E+22	8,214035E+21	8,214051E+21	1,039061E+22	1,401827E+22
1362	1,796209E+22	2,116501E+22	2,293164E+22	2,293131E+22	2,116409E+22	1,796124E+22	1,401790E+22	1,039063E+22	8,214267E+21	8,214316E+21	1,039074E+22	1,401806E+22
1363	1,796148E+22	2,116400E+22	2,293028E+22	2,293045E+22	2,116417E+22	1,796169E+22	1,401840E+22	1,039110E+22	8,214599E+21	8,214422E+21	1,039062E+22	1,401779E+22
1364	1,796131E+22	2,116450E+22	2,293157E+22	2,293162E+22	2,116477E+22	1,796175E+22	1,401807E+22	1,039075E+22	8,214479E+21	8,214574E+21	1,039101E+22	1,401829E+22
1365	1,796160E+22	2,116426E+22	2,293095E+22	2,293080E+22	2,116397E+22	1,796139E+22	1,401811E+22	1,039083E+22	8,214437E+21	8,214437E+21	1,039082E+22	1,401801E+22
1366	1,796111E+22	2,116343E+22	2,293018E+22	2,293086E+22	2,116461E+22	1,796197E+22	1,401844E+22	1,039091E+22	8,214322E+21	8,214195E+21	1,039057E+22	1,401802E+22
1367	1,796176E+22	2,116481E+22	2,293155E+22	2,293153E+22	2,116468E+22	1,796160E+22	1,401784E+22	1,039033E+22	8,213919E+21	8,214075E+21	1,039077E+22	1,401836E+22
1368	1,796183E+22	2,116440E+22	2,293065E+22	2,293031E+22	2,116386E+22	1,796151E+22	1,401809E+22	1,039054E+22	8,213877E+21	8,213747E+21	1,039021E+22	1,401773E+22
1369	1,796136E+22	2,116435E+22	2,293142E+22	2,293158E+22	2,116476E+22	1,796191E+22	1,401814E+22	1,039033E+22	8,213606E+21	8,213516E+21	1,039009E+22	1,401789E+22
1370	1,796200E+22	2,116528E+22	2,293225E+22	2,293217E+22	2,116475E+22	1,796126E+22	1,401742E+22	1,038984E+22	8,213309E+21	8,213421E+21	1,039014E+22	1,401784E+22
1371	1,796160E+22	2,116445E+22	2,293087E+22	2,293101E+22	2,116467E+22	1,796178E+22	1,401786E+22	1,039002E+22	8,213252E+21	8,213163E+21	1,038981E+22	1,401754E+22
1372	1,796144E+22	2,116482E+22	2,293208E+22	2,293222E+22	2,116537E+22	1,796212E+22	1,401781E+22	1,038975E+22	8,213031E+21	8,213098E+21	1,038994E+22	1,401797E+22
1373	1,796202E+22	2,116510E+22	2,293193E+22	2,293168E+22	2,116450E+22	1,796148E+22	1,401769E+22	1,038984E+22	8,213082E+21	8,213087E+21	1,038983E+22	1,401765E+22
1374	1,796149E+22	2,116426E+22	2,293090E+22	2,293129E+22	2,116477E+22	1,796189E+22	1,401810E+22	1,039024E+22	8,213383E+21	8,213188E+21	1,038970E+22	1,401744E+22
1375	1,796160E+22	2,116518E+22	2,293225E+22	2,293219E+22	2,116512E+22	1,796170E+22	1,401765E+22	1,038994E+22	8,213412E+21	8,213560E+21	1,039033E+22	1,401802E+22
1376	1,796166E+22	2,116454E+22	2,293113E+22	2,293081E+22	2,116405E+22	1,796139E+22	1,401787E+22	1,039037E+22	8,213840E+21	8,213833E+21	1,039036E+22	1,401777E+22
1377	1,796113E+22	2,116380E+22	2,293081E+22	2,293121E+22	2,116464E+22	1,796193E+22	1,401832E+22	1,039070E+22	8,214134E+21	8,214078E+21	1,039054E+22	1,401806E+22
1378	1,796177E+22	2,116468E+22	2,293147E+22	2,293154E+22	2,116449E+22	1,796134E+22	1,401781E+22	1,039056E+22	8,214307E+21	8,214494E+21	1,039104E+22	1,401839E+22
1379	1,796170E+22	2,116404E+22	2,292997E+22	2,292977E+22	2,116364E+22	1,796143E+22	1,401830E+22	1,039114E+22	8,214763E+21	8,214683E+21	1,039093E+22	1,401803E+22
1380	1,796127E+22	2,116404E+22	2,293087E+22	2,293085E+22	2,116427E+22	1,796177E+22	1,401845E+22	1,039124E+22	8,214974E+21	8,214948E+21	1,039118E+22	1,401835E+22
1381	1,796172E+22	2,116441E+22	2,293102E+22	2,293075E+22	2,116367E+22	1,796104E+22	1,401812E+22	1,039128E+22	8,215174E+21	8,215235E+21	1,039141E+22	1,401825E+22
1382	1,796112E+22	2,116328E+22	2,292962E+22	2,292998E+22	2,116385E+22	1,796153E+22	1,401854E+22	1,039164E+22	8,215400E+21	8,215252E+21	1,039125E+22	1,401803E+22
1383	1,796105E+22	2,116380E+22	2,293078E+22	2,293101E+22	2,116448E+22	1,796173E+22	1,401830E+22	1,039123E+22	8,215153E+21	8,215311E+21	1,039166E+22	1,401869E+22
1384	1,796156E+22	2,116369E+22	2,292999E+22	2,292980E+22	2,116335E+22	1,796123E+22	1,401837E+22	1,039140E+22	8,215174E+21	8,215168E+21	1,039138E+22	1,401833E+22
1385	1,796119E+22	2,116324E+22	2,292966E+22	2,292999E+22	2,116386E+22	1,796172E+22	1,401870E+22	1,039151E+22	8,215068E+21	8,214874E+21	1,039100E+22	1,401814E+22
1386	1,796162E+22	2,116450E+22	2,293116E+22	2,293104E+22	2,116419E+22	1,796130E+22	1,401798E+22	1,039091E+22	8,214711E+21	8,214811E+21	1,039118E+22	1,401837E+22
1387	1,796166E+22	2,116418E+22	2,293033E+22	2,292987E+22	2,116343E+22	1,796118E+22	1,401808E+22	1,039094E+22	8,214564E+21	8,214483E+21	1,039075E+22	1,401788E+22
1388	1,796111E+22	2,116391E+22	2,293101E+22	2,293124E+22	2,116452E+22	1,796172E+22	1,401817E+22	1,039074E+22	8,214286E+21	8,214215E+21	1,039059E+22	1,401803E+22
1389	1,796170E+22	2,116462E+22	2,293149E+22	2,293157E+22	2,116449E+22	1,796129E+22	1,401770E+22	1,039035E+22	8,213987E+21	8,214111E+21	1,039067E+22	1,401807E+22
1390	1,796145E+22	2,116390E+22	2,293023E+22	2,293043E+22	2,116427E+22	1,796166E+22	1,401811E+22	1,039059E+22	8,213963E+21	8,213821E+21	1,039024E+22	1,401768E+22
1391	1,796127E+22	2,116434E+22	2,293146E+22	2,293159E+22	2,116495E+22	1,796199E+22	1,401807E+22	1,039036E+22	8,213799E+21	8,213842E+21	1,039048E+22	1,401814E+22
1392	1,796179E+22	2,116458E+22	2,293120E+22	2,293084E+22	2,116384E+22	1,796123E+22	1,401793E+22	1,039052E+22	8,214005E+21	8,214003E+21	1,039047E+22	1,401785E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796126E+22	2,116379E+22	2,293037E+22	2,293059E+22	2,116414E+22	1,796161E+22	1,401831E+22	1,039091E+22	8,214324E+21	8,214137E+21	1,039039E+22	1,401766E+22
1394	1,796127E+22	2,116444E+22	2,293149E+22	2,293160E+22	2,116476E+22	1,796153E+22	1,401782E+22	1,039057E+22	8,214364E+21	8,214541E+21	1,039104E+22	1,401833E+22
1395	1,796159E+22	2,116407E+22	2,293030E+22	2,292993E+22	2,116347E+22	1,796116E+22	1,401800E+22	1,039090E+22	8,214668E+21	8,214745E+21	1,039110E+22	1,401819E+22
1396	1,796115E+22	2,116342E+22	2,293013E+22	2,293042E+22	2,116403E+22	1,796165E+22	1,401849E+22	1,039133E+22	8,215012E+21	8,214919E+21	1,039112E+22	1,401829E+22
1397	1,796168E+22	2,116428E+22	2,293080E+22	2,293076E+22	2,116392E+22	1,796115E+22	1,401810E+22	1,039127E+22	8,215234E+21	8,215367E+21	1,039161E+22	1,401854E+22
1398	1,796146E+22	2,116359E+22	2,292957E+22	2,292931E+22	2,116312E+22	1,796114E+22	1,401849E+22	1,039179E+22	8,215671E+21	8,215546E+21	1,039147E+22	1,401809E+22
1399	1,796087E+22	2,116339E+22	2,293033E+22	2,293049E+22	2,116403E+22	1,796165E+22	1,401865E+22	1,039184E+22	8,215815E+21	8,215829E+21	1,039186E+22	1,401854E+22
1400	1,796133E+22	2,116360E+22	2,293010E+22	2,292997E+22	2,116327E+22	1,796099E+22	1,401839E+22	1,039190E+22	8,216039E+21	8,216140E+21	1,039212E+22	1,401857E+22
1401	1,796093E+22	2,116267E+22	2,292879E+22	2,292907E+22	2,116327E+22	1,796150E+22	1,401891E+22	1,039227E+22	8,216207E+21	8,216048E+21	1,039185E+22	1,401832E+22
1402	1,796094E+22	2,116324E+22	2,292997E+22	2,293024E+22	2,116398E+22	1,796159E+22	1,401859E+22	1,039189E+22	8,215980E+21	8,216071E+21	1,039214E+22	1,401888E+22
1403	1,796164E+22	2,116355E+22	2,292941E+22	2,292894E+22	2,116261E+22	1,796087E+22	1,401844E+22	1,039190E+22	8,215919E+21	8,215915E+21	1,039190E+22	1,401853E+22
1404	1,796114E+22	2,116307E+22	2,292939E+22	2,292954E+22	2,116330E+22	1,796130E+22	1,401871E+22	1,039200E+22	8,215818E+21	8,215595E+21	1,039147E+22	1,401822E+22
1405	1,796136E+22	2,116407E+22	2,293075E+22	2,293069E+22	2,116388E+22	1,796107E+22	1,401805E+22	1,039137E+22	8,215418E+21	8,215543E+21	1,039172E+22	1,401853E+22
1406	1,796135E+22	2,116358E+22	2,292989E+22	2,292959E+22	2,116320E+22	1,796105E+22	1,401815E+22	1,039132E+22	8,215181E+21	8,215135E+21	1,039123E+22	1,401806E+22
1407	1,796089E+22	2,116330E+22	2,293035E+22	2,293076E+22	2,116434E+22	1,796181E+22	1,401843E+22	1,039116E+22	8,214854E+21	8,214837E+21	1,039111E+22	1,401827E+22
1408	1,796157E+22	2,116408E+22	2,293064E+22	2,293067E+22	2,116395E+22	1,796123E+22	1,401802E+22	1,039096E+22	8,214737E+21	8,214818E+21	1,039115E+22	1,401825E+22
1409	1,796136E+22	2,116358E+22	2,292968E+22	2,292958E+22	2,116357E+22	1,796149E+22	1,401842E+22	1,039127E+22	8,214823E+21	8,214604E+21	1,039071E+22	1,401774E+22
1410	1,796099E+22	2,116381E+22	2,293088E+22	2,293102E+22	2,116445E+22	1,796175E+22	1,401827E+22	1,039104E+22	8,214747E+21	8,214743E+21	1,039102E+22	1,401821E+22
1411	1,796158E+22	2,116412E+22	2,293056E+22	2,293016E+22	2,116328E+22	1,796088E+22	1,401796E+22	1,039104E+22	8,214879E+21	8,214955E+21	1,039121E+22	1,401816E+22
1412	1,796106E+22	2,116322E+22	2,292971E+22	2,293000E+22	2,116368E+22	1,796133E+22	1,401837E+22	1,039144E+22	8,215170E+21	8,215024E+21	1,039109E+22	1,401799E+22
1413	1,796112E+22	2,116382E+22	2,293064E+22	2,293081E+22	2,116426E+22	1,796141E+22	1,401809E+22	1,039118E+22	8,215198E+21	8,215399E+21	1,039171E+22	1,401867E+22
1414	1,796153E+22	2,116360E+22	2,292971E+22	2,292930E+22	2,116292E+22	1,796095E+22	1,401823E+22	1,039152E+22	8,215501E+21	8,215537E+21	1,039163E+22	1,401838E+22
1415	1,796105E+22	2,116306E+22	2,292960E+22	2,292982E+22	2,116360E+22	1,796155E+22	1,401876E+22	1,039196E+22	8,215856E+21	8,215764E+21	1,039171E+22	1,401842E+22
1416	1,796140E+22	2,116376E+22	2,293014E+22	2,293001E+22	2,116335E+22	1,796099E+22	1,401840E+22	1,039201E+22	8,216224E+21	8,216332E+21	1,039226E+22	1,401869E+22
1417	1,796116E+22	2,116303E+22	2,292899E+22	2,292869E+22	2,116264E+22	1,796101E+22	1,401876E+22	1,039251E+22	8,216655E+21	8,216514E+21	1,039215E+22	1,401828E+22
1418	1,796050E+22	2,116255E+22	2,292941E+22	2,292985E+22	2,116370E+22	1,796160E+22	1,401893E+22	1,039251E+22	8,216763E+21	8,216775E+21	1,039252E+22	1,401882E+22
1419	1,796126E+22	2,116307E+22	2,292917E+22	2,292901E+22	2,116262E+22	1,796079E+22	1,401858E+22	1,039245E+22	8,216842E+21	8,216996E+21	1,039281E+22	1,401896E+22
1420	1,796099E+22	2,116235E+22	2,292817E+22	2,292826E+22	2,116252E+22	1,796108E+22	1,401902E+22	1,039285E+22	8,216991E+21	8,216783E+21	1,039235E+22	1,401851E+22
1421	1,796087E+22	2,116294E+22	2,292942E+22	2,292950E+22	2,116331E+22	1,796127E+22	1,401874E+22	1,039245E+22	8,216760E+21	8,216820E+21	1,039262E+22	1,401899E+22
1422	1,796143E+22	2,116322E+22	2,292920E+22	2,292869E+22	2,116218E+22	1,796052E+22	1,401844E+22	1,039232E+22	8,216599E+21	8,216598E+21	1,039233E+22	1,401856E+22
1423	1,796084E+22	2,116259E+22	2,292900E+22	2,292935E+22	2,116318E+22	1,796121E+22	1,401876E+22	1,039235E+22	8,216411E+21	8,216273E+21	1,039200E+22	1,401835E+22
1424	1,796101E+22	2,116339E+22	2,292998E+22	2,293010E+22	2,116363E+22	1,796114E+22	1,401831E+22	1,039186E+22	8,216092E+21	8,216239E+21	1,039225E+22	1,401876E+22
1425	1,796118E+22	2,116305E+22	2,292919E+22	2,292891E+22	2,116280E+22	1,796111E+22	1,401851E+22	1,039190E+22	8,215882E+21	8,215797E+21	1,039169E+22	1,401822E+22
1426	1,796072E+22	2,116271E+22	2,292953E+22	2,293007E+22	2,116393E+22	1,796177E+22	1,401878E+22	1,039184E+22	8,215673E+21	8,215566E+21	1,039152E+22	1,401835E+22
1427	1,796151E+22	2,116379E+22	2,292998E+22	2,292981E+22	2,116323E+22	1,796094E+22	1,401819E+22	1,039153E+22	8,215555E+21	8,215646E+21	1,039174E+22	1,401844E+22
1428	1,796121E+22	2,116325E+22	2,292924E+22	2,292901E+22	2,116288E+22	1,796102E+22	1,401847E+22	1,039186E+22	8,215686E+21	8,215465E+21	1,039132E+22	1,401792E+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°
1429	1,796073E+22	2,116326E+22	2,293022E+22	2,293043E+22	2,116397E+22	1,796147E+22	1,401837E+22	1,039159E+22	8,215607E+21	8,215661E+21	1,039174E+22	1,401852E+22
1430	1,796137E+22	2,116352E+22	2,292995E+22	2,292966E+22	2,116287E+22	1,796066E+22	1,401801E+22	1,039148E+22	8,215629E+21	8,215778E+21	1,039188E+22	1,401851E+22
1431	1,796102E+22	2,116274E+22	2,292900E+22	2,292938E+22	2,116331E+22	1,796127E+22	1,401859E+22	1,039193E+22	8,215873E+21	8,215801E+21	1,039173E+22	1,401830E+22
1432	1,796108E+22	2,116340E+22	2,292986E+22	2,292992E+22	2,116362E+22	1,796128E+22	1,401843E+22	1,039189E+22	8,216088E+21	8,216233E+21	1,039227E+22	1,401886E+22
1433	1,796142E+22	2,116330E+22	2,292922E+22	2,292859E+22	2,116230E+22	1,796080E+22	1,401856E+22	1,039228E+22	8,216482E+21	8,216435E+21	1,039216E+22	1,401841E+22
1434	1,796068E+22	2,116247E+22	2,292901E+22	2,292936E+22	2,116323E+22	1,796143E+22	1,401907E+22	1,039274E+22	8,216904E+21	8,216751E+21	1,039228E+22	1,401845E+22
1435	1,796106E+22	2,116316E+22	2,292938E+22	2,292931E+22	2,116284E+22	1,796077E+22	1,401856E+22	1,039263E+22	8,217181E+21	8,217347E+21	1,039303E+22	1,401897E+22
1436	1,796087E+22	2,116233E+22	2,292817E+22	2,292800E+22	2,116211E+22	1,796078E+22	1,401896E+22	1,039315E+22	8,217553E+21	8,217427E+21	1,039285E+22	1,401860E+22
1437	1,796033E+22	2,116187E+22	2,292842E+22	2,292896E+22	2,116312E+22	1,796145E+22	1,401920E+22	1,039315E+22	8,217608E+21	8,217624E+21	1,039317E+22	1,401914E+22
1438	1,796116E+22	2,116261E+22	2,292852E+22	2,292830E+22	2,116197E+22	1,796046E+22	1,401871E+22	1,039298E+22	8,217599E+21	8,217734E+21	1,039333E+22	1,401917E+22
1439	1,796094E+22	2,116209E+22	2,292771E+22	2,292772E+22	2,116205E+22	1,796086E+22	1,401913E+22	1,039329E+22	8,217668E+21	8,217512E+21	1,039289E+22	1,401864E+22
1440	1,796066E+22	2,116257E+22	2,292894E+22	2,292894E+22	2,116278E+22	1,796104E+22	1,401890E+22	1,039299E+22	8,217525E+21	8,217589E+21	1,039317E+22	1,401914E+22
1441	1,796118E+22	2,116278E+22	2,292875E+22	2,292832E+22	2,116190E+22	1,796044E+22	1,401860E+22	1,039281E+22	8,217327E+21	8,217333E+21	1,039285E+22	1,401870E+22
1442	1,796054E+22	2,116193E+22	2,292826E+22	2,292890E+22	2,116305E+22	1,796130E+22	1,401904E+22	1,039286E+22	8,217118E+21	8,216973E+21	1,039246E+22	1,401852E+22
1443	1,796095E+22	2,116294E+22	2,292915E+22	2,292926E+22	2,116309E+22	1,796104E+22	1,401855E+22	1,039235E+22	8,216759E+21	8,216923E+21	1,039278E+22	1,401900E+22
1444	1,796116E+22	2,116275E+22	2,292860E+22	2,292821E+22	2,116213E+22	1,796078E+22	1,401871E+22	1,039250E+22	8,216632E+21	8,216473E+21	1,039213E+22	1,401834E+22
1445	1,796057E+22	2,116235E+22	2,292890E+22	2,292935E+22	2,116328E+22	1,796147E+22	1,401896E+22	1,039244E+22	8,216494E+21	8,216363E+21	1,039205E+22	1,401845E+22
1446	1,796119E+22	2,116333E+22	2,292962E+22	2,292944E+22	2,116270E+22	1,796056E+22	1,401822E+22	1,039200E+22	8,216315E+21	8,216444E+21	1,039232E+22	1,401860E+22
1447	1,796095E+22	2,116275E+22	2,292871E+22	2,292865E+22	2,116262E+22	1,796086E+22	1,401852E+22	1,039223E+22	8,216371E+21	8,216280E+21	1,039200E+22	1,401818E+22
1448	1,796049E+22	2,116265E+22	2,292940E+22	2,292968E+22	2,116349E+22	1,796141E+22	1,401863E+22	1,039215E+22	8,216396E+21	8,216486E+21	1,039239E+22	1,401886E+22
1449	1,796131E+22	2,116309E+22	2,292924E+22	2,292895E+22	2,116242E+22	1,796063E+22	1,401834E+22	1,039213E+22	8,216459E+21	8,216569E+21	1,039242E+22	1,401872E+22
1450	1,796090E+22	2,116228E+22	2,292827E+22	2,292871E+22	2,116288E+22	1,796121E+22	1,401896E+22	1,039268E+22	8,216821E+21	8,216651E+21	1,039221E+22	1,401840E+22
1451	1,796096E+22	2,116307E+22	2,292923E+22	2,292913E+22	2,116294E+22	1,796104E+22	1,401869E+22	1,039260E+22	8,217064E+21	8,217198E+21	1,039293E+22	1,401903E+22
1452	1,796116E+22	2,116284E+22	2,292873E+22	2,292810E+22	2,116169E+22	1,796039E+22	1,401874E+22	1,039302E+22	8,217493E+21	8,217426E+21	1,039285E+22	1,401856E+22
1453	1,796028E+22	2,116169E+22	2,292811E+22	2,292866E+22	2,116278E+22	1,796124E+22	1,401928E+22	1,039341E+22	8,217897E+21	8,217794E+21	1,039309E+22	1,401875E+22
1454	1,796069E+22	2,116237E+22	2,292856E+22	2,292864E+22	2,116236E+22	1,796059E+22	1,401872E+22	1,039316E+22	8,218002E+21	8,218243E+21	1,039376E+22	1,401934E+22
1455	1,796080E+22	2,116180E+22	2,292732E+22	2,292719E+22	2,116158E+22	1,796062E+22	1,401916E+22	1,039364E+22	8,218281E+21	8,218233E+21	1,039351E+22	1,401892E+22
1456	1,796030E+22	2,116149E+22	2,292764E+22	2,292798E+22	2,116233E+22	1,796118E+22	1,401947E+22	1,039381E+22	8,218455E+21	8,218419E+21	1,039372E+22	1,401936E+22
1457	1,796111E+22	2,116239E+22	2,292809E+22	2,292769E+22	2,116141E+22	1,796022E+22	1,401889E+22	1,039358E+22	8,218426E+21	8,218506E+21	1,039380E+22	1,401922E+22
1458	1,796065E+22	2,116164E+22	2,292726E+22	2,292740E+22	2,116179E+22	1,796072E+22	1,401931E+22	1,039386E+22	8,218474E+21	8,218281E+21	1,039335E+22	1,401871E+22
1459	1,796041E+22	2,116209E+22	2,292833E+22	2,292841E+22	2,116242E+22	1,796091E+22	1,401904E+22	1,039344E+22	8,218232E+21	8,218354E+21	1,039376E+22	1,401936E+22
1460	1,796096E+22	2,116224E+22	2,292814E+22	2,292782E+22	2,116152E+22	1,796029E+22	1,401883E+22	1,039334E+22	8,218003E+21	8,218001E+21	1,039335E+22	1,401889E+22
1461	1,796036E+22	2,116139E+22	2,292742E+22	2,292815E+22	2,116260E+22	1,796124E+22	1,401935E+22	1,039344E+22	8,217840E+21	8,217668E+21	1,039296E+22	1,401868E+22
1462	1,796073E+22	2,116252E+22	2,292862E+22	2,292864E+22	2,116254E+22	1,796080E+22	1,401871E+22	1,039285E+22	8,217448E+21	8,217587E+21	1,039321E+22	1,401912E+22
1463	1,796102E+22	2,116245E+22	2,292815E+22	2,292768E+22	2,116166E+22	1,796054E+22	1,401883E+22	1,039295E+22	8,217321E+21	8,217222E+21	1,039269E+22	1,401847E+22
1464	1,796032E+22	2,116191E+22	2,292835E+22	2,292873E+22	2,116269E+22	1,796116E+22	1,401912E+22	1,039302E+22	8,217310E+21	8,217196E+21	1,039269E+22	1,401871E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,796098E+22	2,116283E+22	2,292901E+22	2,292893E+22	2,116238E+22	1,796043E+22	1,401835E+22	1,039252E+22	8,217104E+21	8,217267E+21	1,039295E+22	1,401887E+22
1466	1,796076E+22	2,116216E+22	2,292795E+22	2,292809E+22	2,116238E+22	1,796088E+22	1,401879E+22	1,039277E+22	8,217140E+21	8,217059E+21	1,039257E+22	1,401848E+22
1467	1,796052E+22	2,116230E+22	2,292863E+22	2,292879E+22	2,116283E+22	1,796119E+22	1,401887E+22	1,039272E+22	8,217182E+21	8,217283E+21	1,039299E+22	1,401914E+22
1468	1,796128E+22	2,116282E+22	2,292871E+22	2,292829E+22	2,116174E+22	1,796027E+22	1,401858E+22	1,039284E+22	8,217354E+21	8,217387E+21	1,039293E+22	1,401880E+22
1469	1,796066E+22	2,116185E+22	2,292765E+22	2,292805E+22	2,116233E+22	1,796097E+22	1,401921E+22	1,039340E+22	8,217808E+21	8,217610E+21	1,039283E+22	1,401845E+22
1470	1,796046E+22	2,116241E+22	2,292870E+22	2,292868E+22	2,116247E+22	1,796074E+22	1,401882E+22	1,039320E+22	8,217982E+21	8,218144E+21	1,039360E+22	1,401919E+22
1471	1,796077E+22	2,116212E+22	2,292795E+22	2,292755E+22	2,116141E+22	1,796030E+22	1,401893E+22	1,039355E+22	8,218336E+21	8,218385E+21	1,039363E+22	1,401887E+22
1472	1,796000E+22	2,116094E+22	2,292707E+22	2,292768E+22	2,116216E+22	1,796114E+22	1,401963E+22	1,039410E+22	8,218795E+21	8,218712E+21	1,039383E+22	1,401915E+22
1473	1,796063E+22	2,116184E+22	2,292766E+22	2,292774E+22	2,116178E+22	1,796046E+22	1,401903E+22	1,039385E+22	8,218885E+21	8,219078E+21	1,039435E+22	1,401960E+22
1474	1,796074E+22	2,116142E+22	2,292663E+22	2,292645E+22	2,116106E+22	1,796047E+22	1,401944E+22	1,039431E+22	8,219161E+21	8,219039E+21	1,039400E+22	1,401909E+22
1475	1,796027E+22	2,116127E+22	2,292713E+22	2,292722E+22	2,116159E+22	1,796079E+22	1,401960E+22	1,039439E+22	8,219301E+21	8,219274E+21	1,039432E+22	1,401954E+22
1476	1,796093E+22	2,116206E+22	2,292775E+22	2,292735E+22	2,116093E+22	1,795982E+22	1,401898E+22	1,039416E+22	8,219241E+21	8,219308E+21	1,039436E+22	1,401937E+22
1477	1,796034E+22	2,116106E+22	2,292659E+22	2,292692E+22	2,116154E+22	1,796063E+22	1,401948E+22	1,039437E+22	8,219243E+21	8,219091E+21	1,039397E+22	1,401892E+22
1478	1,796007E+22	2,116146E+22	2,292772E+22	2,292789E+22	2,116208E+22	1,796082E+22	1,401922E+22	1,039387E+22	8,218851E+21	8,219009E+21	1,039427E+22	1,401961E+22
1479	1,796087E+22	2,116182E+22	2,292748E+22	2,292719E+22	2,116114E+22	1,796021E+22	1,401905E+22	1,039377E+22	8,218604E+21	8,218639E+21	1,039382E+22	1,401905E+22
1480	1,796022E+22	2,116102E+22	2,292675E+22	2,292727E+22	2,116192E+22	1,796101E+22	1,401962E+22	1,039407E+22	8,218612E+21	8,218379E+21	1,039343E+22	1,401882E+22
1481	1,796055E+22	2,116217E+22	2,292813E+22	2,292809E+22	2,116210E+22	1,796057E+22	1,401886E+22	1,039342E+22	8,218239E+21	8,218341E+21	1,039369E+22	1,401919E+22
1482	1,796070E+22	2,116195E+22	2,292762E+22	2,292729E+22	2,116140E+22	1,796037E+22	1,401896E+22	1,039347E+22	8,218104E+21	8,218001E+21	1,039322E+22	1,401866E+22
1483	1,796014E+22	2,116139E+22	2,292765E+22	2,292806E+22	2,116222E+22	1,796094E+22	1,401922E+22	1,039348E+22	8,218054E+21	8,218014E+21	1,039337E+22	1,401906E+22
1484	1,796089E+22	2,116237E+22	2,292838E+22	2,292834E+22	2,116188E+22	1,796018E+22	1,401856E+22	1,039308E+22	8,217832E+21	8,217997E+21	1,039351E+22	1,401915E+22
1485	1,796067E+22	2,116169E+22	2,292716E+22	2,292730E+22	2,116187E+22	1,796074E+22	1,401907E+22	1,039341E+22	8,217960E+21	8,217855E+21	1,039313E+22	1,401865E+22
1486	1,796030E+22	2,116190E+22	2,292815E+22	2,292815E+22	2,116227E+22	1,796095E+22	1,401907E+22	1,039331E+22	8,217989E+21	8,218066E+21	1,039350E+22	1,401925E+22
1487	1,796107E+22	2,116245E+22	2,292824E+22	2,292777E+22	2,116130E+22	1,796005E+22	1,401877E+22	1,039340E+22	8,218208E+21	8,218294E+21	1,039356E+22	1,401891E+22
1488	1,796026E+22	2,116123E+22	2,292695E+22	2,292733E+22	2,116178E+22	1,796075E+22	1,401948E+22	1,039413E+22	8,218807E+21	8,218611E+21	1,039358E+22	1,401873E+22
1489	1,796014E+22	2,116165E+22	2,292781E+22	2,292801E+22	2,116217E+22	1,796068E+22	1,401905E+22	1,039385E+22	8,218930E+21	8,219109E+21	1,039432E+22	1,401950E+22
1490	1,796056E+22	2,116140E+22	2,292697E+22	2,292673E+22	2,116100E+22	1,796028E+22	1,401927E+22	1,039423E+22	8,219238E+21	8,219268E+21	1,039428E+22	1,401925E+22
1491	1,796005E+22	2,116053E+22	2,292620E+22	2,292659E+22	2,116130E+22	1,796079E+22	1,401987E+22	1,039477E+22	8,219688E+21	8,219594E+21	1,039449E+22	1,401950E+22
1492	1,796065E+22	2,116160E+22	2,292717E+22	2,292699E+22	2,116097E+22	1,795999E+22	1,401922E+22	1,039455E+22	8,219786E+21	8,219916E+21	1,039488E+22	1,401973E+22
1493	1,796054E+22	2,116106E+22	2,292616E+22	2,292588E+22	2,116053E+22	1,796017E+22	1,401959E+22	1,039493E+22	8,220062E+21	8,219937E+21	1,039459E+22	1,401915E+22
1494	1,795985E+22	2,116077E+22	2,292680E+22	2,292691E+22	2,116126E+22	1,796052E+22	1,401964E+22	1,039484E+22	8,220049E+21	8,220066E+21	1,039489E+22	1,401969E+22
1495	1,796063E+22	2,116147E+22	2,292715E+22	2,292697E+22	2,116084E+22	1,795983E+22	1,401914E+22	1,039456E+22	8,219901E+21	8,220063E+21	1,039494E+22	1,401956E+22
1496	1,796007E+22	2,116042E+22	2,292578E+22	2,292616E+22	2,116113E+22	1,796063E+22	1,401983E+22	1,039498E+22	8,219976E+21	8,219800E+21	1,039451E+22	1,401918E+22
1497	1,795995E+22	2,116091E+22	2,292691E+22	2,292716E+22	2,116172E+22	1,796077E+22	1,401953E+22	1,039449E+22	8,219598E+21	8,219673E+21	1,039469E+22	1,401972E+22
1498	1,796070E+22	2,116140E+22	2,292686E+22	2,292654E+22	2,116074E+22	1,796013E+22	1,401935E+22	1,039439E+22	8,219377E+21	8,219330E+21	1,039425E+22	1,401920E+22
1499	1,796013E+22	2,116071E+22	2,292625E+22	2,292651E+22	2,116117E+22	1,796059E+22	1,401972E+22	1,039460E+22	8,219388E+21	8,219179E+21	1,039403E+22	1,401905E+22
1500	1,796037E+22	2,116175E+22	2,292769E+22	2,292762E+22	2,116156E+22	1,796015E+22	1,401892E+22	1,039394E+22	8,218999E+21	8,219125E+21	1,039428E+22	1,401943E+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°
1501	1,796050E+22	2,116138E+22	2,292693E+22	2,292671E+22	2,116109E+22	1,796025E+22	1,401906E+22	1,039391E+22	8,218824E+21	8,218798E+21	1,039386E+22	1,401895E+22
1502	1,795996E+22	2,116092E+22	2,292709E+22	2,292743E+22	2,116176E+22	1,796073E+22	1,401932E+22	1,039388E+22	8,218667E+21	8,218672E+21	1,039389E+22	1,401935E+22
1503	1,796091E+22	2,116207E+22	2,292781E+22	2,292771E+22	2,116147E+22	1,796004E+22	1,401875E+22	1,039355E+22	8,218510E+21	8,218687E+21	1,039397E+22	1,401928E+22
1504	1,796052E+22	2,116136E+22	2,292663E+22	2,292653E+22	2,116124E+22	1,796051E+22	1,401937E+22	1,039411E+22	8,218846E+21	8,218665E+21	1,039363E+22	1,401875E+22
1505	1,796000E+22	2,116138E+22	2,292758E+22	2,292765E+22	2,116192E+22	1,796078E+22	1,401931E+22	1,039401E+22	8,218933E+21	8,218954E+21	1,039404E+22	1,401927E+22
1506	1,796061E+22	2,116175E+22	2,292756E+22	2,292728E+22	2,116108E+22	1,796003E+22	1,401906E+22	1,039410E+22	8,219165E+21	8,219226E+21	1,039421E+22	1,401914E+22
1507	1,795998E+22	2,116051E+22	2,292604E+22	2,292640E+22	2,116117E+22	1,796055E+22	1,401972E+22	1,039479E+22	8,219749E+21	8,219608E+21	1,039438E+22	1,401914E+22
1508	1,796002E+22	2,116103E+22	2,292695E+22	2,292714E+22	2,116149E+22	1,796041E+22	1,401936E+22	1,039459E+22	8,219854E+21	8,220017E+21	1,039500E+22	1,401984E+22
1509	1,796049E+22	2,116089E+22	2,292610E+22	2,292581E+22	2,116036E+22	1,796004E+22	1,401952E+22	1,039493E+22	8,220197E+21	8,220205E+21	1,039495E+22	1,401949E+22
1510	1,795989E+22	2,116020E+22	2,292575E+22	2,292589E+22	2,116061E+22	1,796038E+22	1,401996E+22	1,039535E+22	8,220544E+21	8,220450E+21	1,039509E+22	1,401970E+22
1511	1,796052E+22	2,116130E+22	2,292681E+22	2,292655E+22	2,116054E+22	1,795971E+22	1,401931E+22	1,039505E+22	8,220608E+21	8,220800E+21	1,039550E+22	1,401986E+22
1512	1,796021E+22	2,116050E+22	2,292561E+22	2,292535E+22	2,116014E+22	1,796000E+22	1,401979E+22	1,039554E+22	8,220933E+21	8,220822E+21	1,039526E+22	1,401941E+22
1513	1,795957E+22	2,116007E+22	2,292602E+22	2,292643E+22	2,116116E+22	1,796059E+22	1,401989E+22	1,039539E+22	8,220819E+21	8,220842E+21	1,039544E+22	1,401990E+22
1514	1,796042E+22	2,116086E+22	2,292633E+22	2,292628E+22	2,116057E+22	1,795994E+22	1,401950E+22	1,039515E+22	8,220624E+21	8,220730E+21	1,039541E+22	1,401981E+22
1515	1,796005E+22	2,116000E+22	2,292501E+22	2,292516E+22	2,116037E+22	1,796037E+22	1,402008E+22	1,039559E+22	8,220747E+21	8,220528E+21	1,039502E+22	1,401941E+22
1516	1,795990E+22	2,116059E+22	2,292641E+22	2,292647E+22	2,116099E+22	1,796038E+22	1,401970E+22	1,039509E+22	8,220378E+21	8,220392E+21	1,039513E+22	1,401979E+22
1517	1,796045E+22	2,116094E+22	2,292633E+22	2,292597E+22	2,116022E+22	1,795981E+22	1,401943E+22	1,039491E+22	8,220170E+21	8,220142E+21	1,039481E+22	1,401929E+22
1518	1,795977E+22	2,116023E+22	2,292587E+22	2,292610E+22	2,116075E+22	1,796026E+22	1,401967E+22	1,039495E+22	8,220026E+21	8,219894E+21	1,039460E+22	1,401931E+22
1519	1,796024E+22	2,116130E+22	2,292715E+22	2,292715E+22	2,116130E+22	1,796005E+22	1,401899E+22	1,039426E+22	8,219589E+21	8,219815E+21	1,039483E+22	1,401966E+22
1520	1,796037E+22	2,116090E+22	2,292626E+22	2,292599E+22	2,116062E+22	1,796017E+22	1,401935E+22	1,039447E+22	8,219524E+21	8,219476E+21	1,039436E+22	1,401920E+22
1521	1,795990E+22	2,116050E+22	2,292642E+22	2,292684E+22	2,116146E+22	1,796068E+22	1,401958E+22	1,039448E+22	8,219427E+21	8,219347E+21	1,039427E+22	1,401939E+22
1522	1,796070E+22	2,116169E+22	2,292729E+22	2,292713E+22	2,116114E+22	1,796002E+22	1,401908E+22	1,039423E+22	8,219363E+21	8,219442E+21	1,039442E+22	1,401937E+22
1523	1,796029E+22	2,116088E+22	2,292608E+22	2,292583E+22	2,116057E+22	1,796018E+22	1,401958E+22	1,039481E+22	8,219811E+21	8,219628E+21	1,039433E+22	1,401897E+22
1524	1,795970E+22	2,116070E+22	2,292690E+22	2,292708E+22	2,116140E+22	1,796049E+22	1,401952E+22	1,039472E+22	8,219909E+21	8,219942E+21	1,039477E+22	1,401953E+22
1525	1,796030E+22	2,116094E+22	2,292660E+22	2,292647E+22	2,116064E+22	1,795994E+22	1,401930E+22	1,039475E+22	8,220125E+21	8,220252E+21	1,039503E+22	1,401950E+22
1526	1,795981E+22	2,115995E+22	2,292528E+22	2,292550E+22	2,116045E+22	1,796025E+22	1,401987E+22	1,039535E+22	8,220572E+21	8,220476E+21	1,039507E+22	1,401954E+22
1527	1,796010E+22	2,116072E+22	2,292628E+22	2,292630E+22	2,116083E+22	1,796011E+22	1,401950E+22	1,039515E+22	8,220708E+21	8,220888E+21	1,039559E+22	1,402004E+22
1528	1,796039E+22	2,116057E+22	2,292559E+22	2,292506E+22	2,115967E+22	1,795972E+22	1,401973E+22	1,039562E+22	8,221139E+21	8,221109E+21	1,039555E+22	1,401966E+22
1529	1,795968E+22	2,115973E+22	2,292522E+22	2,292550E+22	2,116033E+22	1,796019E+22	1,402009E+22	1,039595E+22	8,221440E+21	8,221321E+21	1,039563E+22	1,401976E+22
1530	1,796014E+22	2,116067E+22	2,292620E+22	2,292616E+22	2,116045E+22	1,795979E+22	1,401959E+22	1,039566E+22	8,221445E+21	8,221610E+21	1,039609E+22	1,402010E+22
1531	1,795996E+22	2,115983E+22	2,292482E+22	2,292459E+22	2,115964E+22	1,795991E+22	1,402007E+22	1,039614E+22	8,221740E+21	8,221654E+21	1,039591E+22	1,401973E+22
1532	1,795945E+22	2,115945E+22	2,292520E+22	2,292565E+22	2,116055E+22	1,796043E+22	1,402024E+22	1,039606E+22	8,221612E+21	8,221581E+21	1,039594E+22	1,402006E+22
1533	1,796027E+22	2,116035E+22	2,292552E+22	2,292544E+22	2,116002E+22	1,795981E+22	1,401978E+22	1,039578E+22	8,221449E+21	8,221518E+21	1,039593E+22	1,401991E+22
1534	1,795984E+22	2,115970E+22	2,292460E+22	2,292446E+22	2,115962E+22	1,795995E+22	1,402012E+22	1,039605E+22	8,221455E+21	8,221249E+21	1,039552E+22	1,401957E+22
1535	1,795978E+22	2,116029E+22	2,292602E+22	2,292601E+22	2,116050E+22	1,796004E+22	1,401968E+22	1,039549E+22	8,221075E+21	8,221151E+21	1,039566E+22	1,401992E+22
1536	1,796021E+22	2,116045E+22	2,292580E+22	2,292549E+22	2,115983E+22	1,795959E+22	1,401950E+22	1,039536E+22	8,220883E+21	8,220901E+21	1,039542E+22	1,401960E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795965E+22	2,115966E+22	2,292516E+22	2,292567E+22	2,116061E+22	1,796023E+22	1,401978E+22	1,039535E+22	8,220651E+21	8,220545E+21	1,039508E+22	1,401952E+22
1538	1,796016E+22	2,116088E+22	2,292651E+22	2,292657E+22	2,116102E+22	1,796013E+22	1,401932E+22	1,039480E+22	8,220232E+21	8,220393E+21	1,039524E+22	1,401988E+22
1539	1,796035E+22	2,116060E+22	2,292570E+22	2,292519E+22	2,115991E+22	1,795992E+22	1,401959E+22	1,039509E+22	8,220317E+21	8,220215E+21	1,039484E+22	1,401934E+22
1540	1,795976E+22	2,116015E+22	2,292597E+22	2,292626E+22	2,116084E+22	1,796041E+22	1,401985E+22	1,039517E+22	8,220318E+21	8,220173E+21	1,039474E+22	1,401936E+22
1541	1,796029E+22	2,116108E+22	2,292667E+22	2,292660E+22	2,116074E+22	1,795987E+22	1,401929E+22	1,039489E+22	8,220329E+21	8,220424E+21	1,039509E+22	1,401945E+22
1542	1,795982E+22	2,116020E+22	2,292544E+22	2,292525E+22	2,116009E+22	1,795994E+22	1,401967E+22	1,039534E+22	8,220668E+21	8,220562E+21	1,039508E+22	1,401933E+22
1543	1,795955E+22	2,116006E+22	2,292604E+22	2,292633E+22	2,116095E+22	1,796037E+22	1,401970E+22	1,039525E+22	8,220748E+21	8,220862E+21	1,039549E+22	1,401988E+22
1544	1,796019E+22	2,116035E+22	2,292569E+22	2,292552E+22	2,115996E+22	1,795975E+22	1,401961E+22	1,039546E+22	8,221043E+21	8,221161E+21	1,039573E+22	1,401988E+22
1545	1,795982E+22	2,115952E+22	2,292451E+22	2,292479E+22	2,115997E+22	1,796005E+22	1,402008E+22	1,039600E+22	8,221471E+21	8,221328E+21	1,039563E+22	1,401970E+22
1546	1,795999E+22	2,116042E+22	2,292579E+22	2,292568E+22	2,116032E+22	1,795997E+22	1,401978E+22	1,039583E+22	8,221608E+21	8,221729E+21	1,039616E+22	1,402022E+22
1547	1,796019E+22	2,116012E+22	2,292508E+22	2,292444E+22	2,115902E+22	1,795938E+22	1,401990E+22	1,039629E+22	8,222098E+21	8,222078E+21	1,039625E+22	1,401990E+22
1548	1,795943E+22	2,115912E+22	2,292459E+22	2,292501E+22	2,115994E+22	1,796004E+22	1,402032E+22	1,039658E+22	8,222335E+21	8,222228E+21	1,039627E+22	1,401995E+22
1549	1,795983E+22	2,115993E+22	2,292528E+22	2,292542E+22	2,116009E+22	1,795983E+22	1,401991E+22	1,039628E+22	8,222304E+21	8,222493E+21	1,039674E+22	1,402031E+22
1550	1,795975E+22	2,115933E+22	2,292410E+22	2,292377E+22	2,115897E+22	1,795967E+22	1,402028E+22	1,039668E+22	8,222473E+21	8,222383E+21	1,039646E+22	1,402000E+22
1551	1,795944E+22	2,115913E+22	2,292456E+22	2,292489E+22	2,115991E+22	1,796015E+22	1,402037E+22	1,039658E+22	8,222372E+21	8,222323E+21	1,039640E+22	1,402013E+22
1552	1,796004E+22	2,115996E+22	2,292501E+22	2,292478E+22	2,115935E+22	1,795948E+22	1,401993E+22	1,039636E+22	8,222259E+21	8,222308E+21	1,039646E+22	1,402003E+22
1553	1,795959E+22	2,115921E+22	2,292408E+22	2,292416E+22	2,115938E+22	1,795971E+22	1,402014E+22	1,039647E+22	8,222162E+21	8,221975E+21	1,039601E+22	1,401966E+22
1554	1,795950E+22	2,115979E+22	2,292547E+22	2,292562E+22	2,116033E+22	1,796006E+22	1,401986E+22	1,039592E+22	8,221711E+21	8,221799E+21	1,039619E+22	1,402020E+22
1555	1,796008E+22	2,115993E+22	2,292512E+22	2,292484E+22	2,115934E+22	1,795946E+22	1,401971E+22	1,039585E+22	8,221552E+21	8,221594E+21	1,039598E+22	1,401991E+22
1556	1,795965E+22	2,115926E+22	2,292452E+22	2,292505E+22	2,116011E+22	1,796011E+22	1,402009E+22	1,039592E+22	8,221355E+21	8,221197E+21	1,039550E+22	1,401962E+22
1557	1,796000E+22	2,116047E+22	2,292586E+22	2,292590E+22	2,116058E+22	1,796008E+22	1,401962E+22	1,039542E+22	8,221049E+21	8,221167E+21	1,039571E+22	1,401989E+22
1558	1,796007E+22	2,116029E+22	2,292533E+22	2,292463E+22	2,115926E+22	1,795959E+22	1,401972E+22	1,039562E+22	8,221102E+21	8,221016E+21	1,039541E+22	1,401949E+22
1559	1,795954E+22	2,115968E+22	2,292541E+22	2,292577E+22	2,116039E+22	1,796015E+22	1,401993E+22	1,039570E+22	8,221179E+21	8,221086E+21	1,039539E+22	1,401952E+22
1560	1,795992E+22	2,116037E+22	2,292589E+22	2,292596E+22	2,116032E+22	1,795973E+22	1,401949E+22	1,039549E+22	8,221224E+21	8,221381E+21	1,039587E+22	1,401984E+22
1561	1,795970E+22	2,115951E+22	2,292448E+22	2,292456E+22	2,115972E+22	1,795983E+22	1,401986E+22	1,039589E+22	8,221477E+21	8,221406E+21	1,039573E+22	1,401965E+22
1562	1,795953E+22	2,115965E+22	2,292523E+22	2,292547E+22	2,116038E+22	1,796030E+22	1,402004E+22	1,039592E+22	8,221572E+21	8,221628E+21	1,039607E+22	1,402021E+22
1563	1,796022E+22	2,116005E+22	2,292505E+22	2,292462E+22	2,115909E+22	1,795934E+22	1,401980E+22	1,039614E+22	8,221982E+21	8,222059E+21	1,039634E+22	1,402010E+22
1564	1,795972E+22	2,115919E+22	2,292404E+22	2,292418E+22	2,115928E+22	1,795970E+22	1,402029E+22	1,039668E+22	8,222425E+21	8,222250E+21	1,039619E+22	1,401974E+22
1565	1,795959E+22	2,115982E+22	2,292519E+22	2,292519E+22	2,115997E+22	1,795985E+22	1,402001E+22	1,039650E+22	8,222586E+21	8,222726E+21	1,039684E+22	1,402029E+22
1566	1,795974E+22	2,115951E+22	2,292446E+22	2,292391E+22	2,115859E+22	1,795920E+22	1,402005E+22	1,039682E+22	8,222927E+21	8,222967E+21	1,039694E+22	1,402019E+22
1567	1,795924E+22	2,115851E+22	2,292375E+22	2,292431E+22	2,115954E+22	1,795997E+22	1,402056E+22	1,039716E+22	8,223160E+21	8,223069E+21	1,039686E+22	1,402013E+22
1568	1,795959E+22	2,115931E+22	2,292442E+22	2,292457E+22	2,115952E+22	1,795970E+22	1,402025E+22	1,039697E+22	8,223166E+21	8,223311E+21	1,039732E+22	1,402055E+22
1569	1,795963E+22	2,115882E+22	2,292333E+22	2,292313E+22	2,115852E+22	1,795947E+22	1,402047E+22	1,039727E+22	8,223272E+21	8,223137E+21	1,039693E+22	1,402010E+22
1570	1,795926E+22	2,115879E+22	2,292404E+22	2,292429E+22	2,115940E+22	1,795997E+22	1,402061E+22	1,039717E+22	8,223130E+21	8,223048E+21	1,039693E+22	1,402033E+22
1571	1,795982E+22	2,115950E+22	2,292447E+22	2,292421E+22	2,115876E+22	1,795910E+22	1,402000E+22	1,039688E+22	8,223049E+21	8,223140E+21	1,039712E+22	1,402034E+22
1572	1,795944E+22	2,115873E+22	2,292349E+22	2,292368E+22	2,115901E+22	1,795957E+22	1,402028E+22	1,039691E+22	8,222854E+21	8,222723E+21	1,039659E+22	1,401990E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795935E+22	2,115928E+22	2,292473E+22	2,292497E+22	2,116000E+22	1,796008E+22	1,402012E+22	1,039640E+22	8,222389E+21	8,222513E+21	1,039672E+22	1,402039E+22
1574	1,795999E+22	2,115967E+22	2,292459E+22	2,292418E+22	2,115876E+22	1,795922E+22	1,401986E+22	1,039630E+22	8,222168E+21	8,222201E+21	1,039642E+22	1,402012E+22
1575	1,795966E+22	2,115909E+22	2,292407E+22	2,292448E+22	2,115960E+22	1,795987E+22	1,402021E+22	1,039643E+22	8,222090E+21	8,221888E+21	1,039588E+22	1,401960E+22
1576	1,795967E+22	2,116003E+22	2,292537E+22	2,292537E+22	2,116006E+22	1,795985E+22	1,401984E+22	1,039604E+22	8,221888E+21	8,221984E+21	1,039625E+22	1,401998E+22
1577	1,795971E+22	2,115964E+22	2,292468E+22	2,292433E+22	2,115908E+22	1,795944E+22	1,401985E+22	1,039615E+22	8,221903E+21	8,221841E+21	1,039600E+22	1,401964E+22
1578	1,795923E+22	2,115907E+22	2,292465E+22	2,292516E+22	2,116009E+22	1,796017E+22	1,402022E+22	1,039627E+22	8,221947E+21	8,221878E+21	1,039606E+22	1,401988E+22
1579	1,795975E+22	2,115972E+22	2,292495E+22	2,292504E+22	2,115962E+22	1,795951E+22	1,401977E+22	1,039614E+22	8,222091E+21	8,222265E+21	1,039657E+22	1,402024E+22
1580	1,795971E+22	2,115910E+22	2,292371E+22	2,292371E+22	2,115904E+22	1,795961E+22	1,402015E+22	1,039655E+22	8,222356E+21	8,222253E+21	1,039629E+22	1,401984E+22
1581	1,795941E+22	2,115928E+22	2,292457E+22	2,292467E+22	2,115973E+22	1,796007E+22	1,402030E+22	1,039661E+22	8,222537E+21	8,222567E+21	1,039667E+22	1,402029E+22
1582	1,795997E+22	2,115977E+22	2,292466E+22	2,292406E+22	2,115841E+22	1,795892E+22	1,401991E+22	1,039674E+22	8,222878E+21	8,222976E+21	1,039700E+22	1,402031E+22
1583	1,795950E+22	2,115875E+22	2,292353E+22	2,292376E+22	2,115890E+22	1,795943E+22	1,402037E+22	1,039726E+22	8,223356E+21	8,223211E+21	1,039687E+22	1,401989E+22
1584	1,795917E+22	2,115905E+22	2,292438E+22	2,292459E+22	2,115962E+22	1,795981E+22	1,402030E+22	1,039715E+22	8,223504E+21	8,223684E+21	1,039758E+22	1,402062E+22
1585	1,795953E+22	2,115875E+22	2,292350E+22	2,292328E+22	2,115831E+22	1,795919E+22	1,402035E+22	1,039742E+22	8,223734E+21	8,223779E+21	1,039753E+22	1,402043E+22
1586	1,795914E+22	2,115806E+22	2,292291E+22	2,292343E+22	2,115899E+22	1,795992E+22	1,402095E+22	1,039784E+22	8,223960E+21	8,223806E+21	1,039741E+22	1,402039E+22
1587	1,795946E+22	2,115889E+22	2,292372E+22	2,292369E+22	2,115871E+22	1,795932E+22	1,402045E+22	1,039765E+22	8,224067E+21	8,224168E+21	1,039790E+22	1,402075E+22
1588	1,795949E+22	2,115845E+22	2,292283E+22	2,292253E+22	2,115790E+22	1,795913E+22	1,402061E+22	1,039783E+22	8,224107E+21	8,223970E+21	1,039748E+22	1,402020E+22
1589	1,795894E+22	2,115825E+22	2,292346E+22	2,292379E+22	2,115904E+22	1,795979E+22	1,402075E+22	1,039768E+22	8,223929E+21	8,223891E+21	1,039755E+22	1,402050E+22
1590	1,795957E+22	2,115907E+22	2,292393E+22	2,292369E+22	2,115834E+22	1,795888E+22	1,402006E+22	1,039725E+22	8,223660E+21	8,223829E+21	1,039771E+22	1,402069E+22
1591	1,795944E+22	2,115837E+22	2,292289E+22	2,292310E+22	2,115863E+22	1,795945E+22	1,402042E+22	1,039734E+22	8,223479E+21	8,223349E+21	1,039703E+22	1,402007E+22
1592	1,795922E+22	2,115890E+22	2,292412E+22	2,292434E+22	2,115956E+22	1,795998E+22	1,402041E+22	1,039697E+22	8,223087E+21	8,223162E+21	1,039715E+22	1,402054E+22
1593	1,795987E+22	2,115930E+22	2,292407E+22	2,292375E+22	2,115844E+22	1,795905E+22	1,402004E+22	1,039681E+22	8,222858E+21	8,222845E+21	1,039678E+22	1,402011E+22
1594	1,795940E+22	2,115876E+22	2,292362E+22	2,292398E+22	2,115920E+22	1,795975E+22	1,402049E+22	1,039703E+22	8,222834E+21	8,222604E+21	1,039641E+22	1,401974E+22
1595	1,795929E+22	2,115939E+22	2,292472E+22	2,292481E+22	2,115957E+22	1,795955E+22	1,401997E+22	1,039663E+22	8,222751E+21	8,222871E+21	1,039694E+22	1,402027E+22
1596	1,795948E+22	2,115899E+22	2,292386E+22	2,292362E+22	2,115864E+22	1,795931E+22	1,402007E+22	1,039669E+22	8,222718E+21	8,222708E+21	1,039667E+22	1,401994E+22
1597	1,795906E+22	2,115848E+22	2,292375E+22	2,292426E+22	2,115952E+22	1,796006E+22	1,402054E+22	1,039691E+22	8,222797E+21	8,222747E+21	1,039671E+22	1,402015E+22
1598	1,795971E+22	2,115946E+22	2,292433E+22	2,292416E+22	2,115880E+22	1,795910E+22	1,401990E+22	1,039670E+22	8,222895E+21	8,223069E+21	1,039717E+22	1,402053E+22
1599	1,795972E+22	2,115892E+22	2,292326E+22	2,292306E+22	2,115840E+22	1,795921E+22	1,402022E+22	1,039713E+22	8,223257E+21	8,223123E+21	1,039682E+22	1,401988E+22
1600	1,795908E+22	2,115882E+22	2,292408E+22	2,292417E+22	2,115925E+22	1,795980E+22	1,402049E+22	1,039727E+22	8,223487E+21	8,223524E+21	1,039733E+22	1,402044E+22
1601	1,795959E+22	2,115904E+22	2,292398E+22	2,292376E+22	2,115829E+22	1,795881E+22	1,402007E+22	1,039731E+22	8,223753E+21	8,223877E+21	1,039764E+22	1,402048E+22
1602	1,795916E+22	2,115808E+22	2,292272E+22	2,292313E+22	2,115865E+22	1,795955E+22	1,402078E+22	1,039792E+22	8,224190E+21	8,224059E+21	1,039757E+22	1,402024E+22
1603	1,795891E+22	2,115828E+22	2,292339E+22	2,292367E+22	2,115900E+22	1,795966E+22	1,402069E+22	1,039791E+22	8,224444E+21	8,224593E+21	1,039827E+22	1,402096E+22
1604	1,795946E+22	2,115824E+22	2,292264E+22	2,292234E+22	2,115766E+22	1,795904E+22	1,402072E+22	1,039815E+22	8,224661E+21	8,224655E+21	1,039811E+22	1,402061E+22
1605	1,795896E+22	2,115764E+22	2,292221E+22	2,292254E+22	2,115830E+22	1,795968E+22	1,402124E+22	1,039854E+22	8,224901E+21	8,224724E+21	1,039802E+22	1,402050E+22
1606	1,795924E+22	2,115858E+22	2,292326E+22	2,292302E+22	2,115798E+22	1,795885E+22	1,402048E+22	1,039816E+22	8,224869E+21	8,225013E+21	1,039855E+22	1,402104E+22
1607	1,795938E+22	2,115809E+22	2,292238E+22	2,292211E+22	2,115753E+22	1,795880E+22	1,402056E+22	1,039825E+22	8,224861E+21	8,224765E+21	1,039808E+22	1,402042E+22
1608	1,795872E+22	2,115771E+22	2,292281E+22	2,292324E+22	2,115870E+22	1,795967E+22	1,402090E+22	1,039813E+22	8,224609E+21	8,224622E+21	1,039815E+22	1,402083E+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°
1609	1,795951E+22	2,115855E+22	2,292325E+22	2,292324E+22	2,115813E+22	1,795883E+22	1,402027E+22	1,039768E+22	8,224235E+21	8,224386E+21	1,039809E+22	1,402084E+22
1610	1,795941E+22	2,115817E+22	2,292243E+22	2,292250E+22	2,115823E+22	1,795939E+22	1,402073E+22	1,039788E+22	8,224084E+21	8,223885E+21	1,039740E+22	1,402016E+22
1611	1,795896E+22	2,115848E+22	2,292362E+22	2,292369E+22	2,115894E+22	1,795968E+22	1,402062E+22	1,039759E+22	8,223884E+21	8,223890E+21	1,039759E+22	1,402057E+22
1612	1,795955E+22	2,115883E+22	2,292359E+22	2,292325E+22	2,115805E+22	1,795890E+22	1,402025E+22	1,039737E+22	8,223662E+21	8,223640E+21	1,039729E+22	1,402013E+22
1613	1,795895E+22	2,115808E+22	2,292292E+22	2,292337E+22	2,115886E+22	1,795966E+22	1,402070E+22	1,039760E+22	8,223677E+21	8,223483E+21	1,039705E+22	1,401992E+22
1614	1,795900E+22	2,115879E+22	2,292394E+22	2,292404E+22	2,115904E+22	1,795932E+22	1,402011E+22	1,039711E+22	8,223486E+21	8,223670E+21	1,039762E+22	1,402069E+22
1615	1,795950E+22	2,115856E+22	2,292313E+22	2,292287E+22	2,115810E+22	1,795904E+22	1,402018E+22	1,039723E+22	8,223507E+21	8,223485E+21	1,039723E+22	1,402020E+22
1616	1,795897E+22	2,115807E+22	2,292307E+22	2,292347E+22	2,115890E+22	1,795978E+22	1,402075E+22	1,039754E+22	8,223651E+21	8,223581E+21	1,039730E+22	1,402040E+22
1617	1,795961E+22	2,115905E+22	2,292381E+22	2,292367E+22	2,115837E+22	1,795885E+22	1,402006E+22	1,039728E+22	8,223714E+21	8,223874E+21	1,039769E+22	1,402064E+22
1618	1,795950E+22	2,115858E+22	2,292287E+22	2,292259E+22	2,115800E+22	1,795905E+22	1,402047E+22	1,039777E+22	8,224103E+21	8,223983E+21	1,039748E+22	1,402010E+22
1619	1,795869E+22	2,115810E+22	2,292335E+22	2,292358E+22	2,115885E+22	1,795961E+22	1,402071E+22	1,039796E+22	8,224466E+21	8,224519E+21	1,039808E+22	1,402075E+22
1620	1,795936E+22	2,115835E+22	2,292308E+22	2,292298E+22	2,115794E+22	1,795886E+22	1,402043E+22	1,039798E+22	8,224676E+21	8,224822E+21	1,039833E+22	1,402075E+22
1621	1,795896E+22	2,115744E+22	2,292177E+22	2,292212E+22	2,115806E+22	1,795951E+22	1,402121E+22	1,039870E+22	8,225155E+21	8,224988E+21	1,039821E+22	1,402048E+22
1622	1,795882E+22	2,115791E+22	2,292265E+22	2,292270E+22	2,115815E+22	1,795926E+22	1,402088E+22	1,039857E+22	8,225338E+21	8,225453E+21	1,039888E+22	1,402124E+22
1623	1,795942E+22	2,115797E+22	2,292213E+22	2,292162E+22	2,115695E+22	1,795857E+22	1,402076E+22	1,039876E+22	8,225581E+21	8,225535E+21	1,039867E+22	1,402070E+22
1624	1,795866E+22	2,115716E+22	2,292172E+22	2,292202E+22	2,115777E+22	1,795933E+22	1,402133E+22	1,039911E+22	8,225765E+21	8,225621E+21	1,039868E+22	1,402073E+22
1625	1,795897E+22	2,115796E+22	2,292269E+22	2,292271E+22	2,115779E+22	1,795868E+22	1,402053E+22	1,039857E+22	8,225553E+21	8,225745E+21	1,039910E+22	1,402125E+22
1626	1,795920E+22	2,115763E+22	2,292181E+22	2,292158E+22	2,115728E+22	1,795885E+22	1,402083E+22	1,039872E+22	8,225455E+21	8,225392E+21	1,039861E+22	1,402070E+22
1627	1,795856E+22	2,115717E+22	2,292211E+22	2,292257E+22	2,115824E+22	1,795954E+22	1,402116E+22	1,039871E+22	8,225324E+21	8,225280E+21	1,039859E+22	1,402102E+22
1628	1,795945E+22	2,115819E+22	2,292263E+22	2,292253E+22	2,115772E+22	1,795879E+22	1,402056E+22	1,039826E+22	8,224971E+21	8,225048E+21	1,039846E+22	1,402083E+22
1629	1,795912E+22	2,115776E+22	2,292193E+22	2,292184E+22	2,115774E+22	1,795926E+22	1,402103E+22	1,039853E+22	8,224907E+21	8,224661E+21	1,039786E+22	1,402017E+22
1630	1,795864E+22	2,115801E+22	2,292313E+22	2,292313E+22	2,115837E+22	1,795930E+22	1,402068E+22	1,039810E+22	8,224650E+21	8,224688E+21	1,039820E+22	1,402080E+22
1631	1,795932E+22	2,115828E+22	2,292299E+22	2,292274E+22	2,115768E+22	1,795863E+22	1,402025E+22	1,039784E+22	8,224448E+21	8,224467E+21	1,039792E+22	1,402039E+22
1632	1,795873E+22	2,115744E+22	2,292212E+22	2,292261E+22	2,115840E+22	1,795951E+22	1,402088E+22	1,039810E+22	8,224418E+21	8,224297E+21	1,039774E+22	1,402034E+22
1633	1,795901E+22	2,115827E+22	2,292317E+22	2,292334E+22	2,115856E+22	1,795913E+22	1,402028E+22	1,039760E+22	8,224163E+21	8,224345E+21	1,039811E+22	1,402095E+22
1634	1,795956E+22	2,115839E+22	2,292267E+22	2,292217E+22	2,115754E+22	1,795885E+22	1,402042E+22	1,039781E+22	8,224230E+21	8,224183E+21	1,039774E+22	1,402038E+22
1635	1,795880E+22	2,115768E+22	2,292260E+22	2,292286E+22	2,115827E+22	1,795941E+22	1,402090E+22	1,039820E+22	8,224568E+21	8,224452E+21	1,039787E+22	1,402053E+22
1636	1,795935E+22	2,115856E+22	2,292328E+22	2,292316E+22	2,115806E+22	1,795875E+22	1,402029E+22	1,039792E+22	8,224641E+21	8,224798E+21	1,039830E+22	1,402072E+22
1637	1,795906E+22	2,115787E+22	2,292216E+22	2,292197E+22	2,115769E+22	1,795907E+22	1,402083E+22	1,039849E+22	8,225081E+21	8,224970E+21	1,039818E+22	1,402031E+22
1638	1,795840E+22	2,115740E+22	2,292246E+22	2,292273E+22	2,115828E+22	1,795945E+22	1,402100E+22	1,039863E+22	8,225373E+21	8,225443E+21	1,039879E+22	1,402112E+22
1639	1,795930E+22	2,115783E+22	2,292227E+22	2,292213E+22	2,115736E+22	1,795863E+22	1,402067E+22	1,039870E+22	8,225641E+21	8,225728E+21	1,039895E+22	1,402097E+22
1640	1,795880E+22	2,115694E+22	2,292101E+22	2,292120E+22	2,115733E+22	1,795921E+22	1,402146E+22	1,039942E+22	8,226121E+21	8,225931E+21	1,039888E+22	1,402073E+22
1641	1,795867E+22	2,115739E+22	2,292205E+22	2,292210E+22	2,115758E+22	1,795892E+22	1,402101E+22	1,039916E+22	8,226194E+21	8,226298E+21	1,039945E+22	1,402140E+22
1642	1,795923E+22	2,115759E+22	2,292173E+22	2,292118E+22	2,115652E+22	1,795831E+22	1,402088E+22	1,039929E+22	8,226351E+21	8,226357E+21	1,039934E+22	1,402097E+22
1643	1,795836E+22	2,115648E+22	2,292103E+22	2,292147E+22	2,115736E+22	1,795908E+22	1,402141E+22	1,039963E+22	8,226581E+21	8,226474E+21	1,039935E+22	1,402107E+22
1644	1,795887E+22	2,115742E+22	2,292192E+22	2,292200E+22	2,115750E+22	1,795877E+22	1,402083E+22	1,039907E+22	8,226260E+21	8,226469E+21	1,039963E+22	1,402145E+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°
1645	1,795907E+22	2,115720E+22	2,292115E+22	2,292083E+22	2,115681E+22	1,795883E+22	1,402119E+22	1,039934E+22	8,226203E+21	8,226079E+21	1,039902E+22	1,402079E+22
1646	1,795847E+22	2,115689E+22	2,292157E+22	2,292183E+22	2,115758E+22	1,795923E+22	1,402131E+22	1,039926E+22	8,226053E+21	8,225952E+21	1,039900E+22	1,402110E+22
1647	1,795929E+22	2,115789E+22	2,292225E+22	2,292205E+22	2,115724E+22	1,795846E+22	1,402061E+22	1,039879E+22	8,225757E+21	8,225782E+21	1,039889E+22	1,402081E+22
1648	1,795871E+22	2,115716E+22	2,292138E+22	2,292137E+22	2,115732E+22	1,795903E+22	1,402114E+22	1,039904E+22	8,225681E+21	8,225479E+21	1,039848E+22	1,402038E+22
1649	1,795833E+22	2,115724E+22	2,292240E+22	2,292269E+22	2,115812E+22	1,795920E+22	1,402078E+22	1,039850E+22	8,225296E+21	8,225389E+21	1,039876E+22	1,402107E+22
1650	1,795922E+22	2,115780E+22	2,292232E+22	2,292208E+22	2,115728E+22	1,795859E+22	1,402051E+22	1,039831E+22	8,225060E+21	8,225138E+21	1,039853E+22	1,402074E+22
1651	1,795867E+22	2,115695E+22	2,292138E+22	2,292183E+22	2,115778E+22	1,795925E+22	1,402107E+22	1,039869E+22	8,225204E+21	8,225047E+21	1,039828E+22	1,402062E+22
1652	1,795907E+22	2,115804E+22	2,292260E+22	2,292255E+22	2,115804E+22	1,795903E+22	1,402053E+22	1,039820E+22	8,224981E+21	8,225119E+21	1,039858E+22	1,402101E+22
1653	1,795935E+22	2,115806E+22	2,292227E+22	2,292159E+22	2,115701E+22	1,795867E+22	1,402070E+22	1,039850E+22	8,225153E+21	8,225065E+21	1,039828E+22	1,402045E+22
1654	1,795853E+22	2,115723E+22	2,292210E+22	2,292235E+22	2,115777E+22	1,795908E+22	1,402099E+22	1,039879E+22	8,225471E+21	8,225375E+21	1,039854E+22	1,402076E+22
1655	1,795911E+22	2,115796E+22	2,292261E+22	2,292261E+22	2,115773E+22	1,795859E+22	1,402042E+22	1,039854E+22	8,225583E+21	8,225749E+21	1,039899E+22	1,402096E+22
1656	1,795878E+22	2,115711E+22	2,292126E+22	2,292116E+22	2,115719E+22	1,795901E+22	1,402117E+22	1,039919E+22	8,226012E+21	8,225936E+21	1,039894E+22	1,402070E+22
1657	1,795830E+22	2,115673E+22	2,292157E+22	2,292192E+22	2,115768E+22	1,795926E+22	1,402126E+22	1,039928E+22	8,226235E+21	8,226273E+21	1,039937E+22	1,402133E+22
1658	1,795921E+22	2,115748E+22	2,292166E+22	2,292131E+22	2,115666E+22	1,795837E+22	1,402092E+22	1,039937E+22	8,226519E+21	8,226600E+21	1,039958E+22	1,402115E+22
1659	1,795853E+22	2,115641E+22	2,292039E+22	2,292051E+22	2,115664E+22	1,795879E+22	1,402156E+22	1,040008E+22	8,227094E+21	8,226893E+21	1,039954E+22	1,402093E+22
1660	1,795844E+22	2,115687E+22	2,292139E+22	2,292146E+22	2,115719E+22	1,795880E+22	1,402116E+22	1,039973E+22	8,227074E+21	8,227206E+21	1,040008E+22	1,402155E+22
1661	1,795890E+22	2,115696E+22	2,292104E+22	2,292060E+22	2,115620E+22	1,795831E+22	1,402117E+22	1,039989E+22	8,227189E+21	8,227206E+21	1,039995E+22	1,402121E+22
1662	1,795825E+22	2,115597E+22	2,292028E+22	2,292076E+22	2,115685E+22	1,795891E+22	1,402160E+22	1,040015E+22	8,227303E+21	8,227206E+21	1,039991E+22	1,402136E+22
1663	1,795888E+22	2,115707E+22	2,292130E+22	2,292134E+22	2,115703E+22	1,795859E+22	1,402102E+22	1,039966E+22	8,227027E+21	8,227160E+21	1,040005E+22	1,402153E+22
1664	1,795888E+22	2,115679E+22	2,292059E+22	2,292017E+22	2,115626E+22	1,795867E+22	1,402144E+22	1,039992E+22	8,226979E+21	8,226832E+21	1,039953E+22	1,402091E+22
1665	1,795823E+22	2,115637E+22	2,292107E+22	2,292139E+22	2,115712E+22	1,795899E+22	1,402144E+22	1,039974E+22	8,226749E+21	8,226642E+21	1,039945E+22	1,402115E+22
1666	1,795901E+22	2,115745E+22	2,292181E+22	2,292167E+22	2,115690E+22	1,795829E+22	1,402074E+22	1,039925E+22	8,226429E+21	8,226523E+21	1,039950E+22	1,402103E+22
1667	1,795842E+22	2,115647E+22	2,292062E+22	2,292077E+22	2,115690E+22	1,795883E+22	1,402123E+22	1,039951E+22	8,226423E+21	8,226269E+21	1,039913E+22	1,402076E+22
1668	1,795834E+22	2,115679E+22	2,292155E+22	2,292185E+22	2,115769E+22	1,795922E+22	1,402105E+22	1,039900E+22	8,225983E+21	8,226091E+21	1,039928E+22	1,402131E+22
1669	1,795920E+22	2,115749E+22	2,292172E+22	2,292133E+22	2,115669E+22	1,795846E+22	1,402081E+22	1,039893E+22	8,225830E+21	8,225847E+21	1,039897E+22	1,402090E+22
1670	1,795869E+22	2,115677E+22	2,292091E+22	2,292115E+22	2,115706E+22	1,795884E+22	1,402115E+22	1,039923E+22	8,225993E+21	8,225808E+21	1,039877E+22	1,402074E+22
1671	1,795893E+22	2,115778E+22	2,292229E+22	2,292217E+22	2,115757E+22	1,795870E+22	1,402060E+22	1,039879E+22	8,225855E+21	8,225961E+21	1,039910E+22	1,402103E+22
1672	1,795893E+22	2,115745E+22	2,292172E+22	2,292118E+22	2,115666E+22	1,795852E+22	1,402087E+22	1,039909E+22	8,226046E+21	8,226011E+21	1,039898E+22	1,402066E+22
1673	1,795815E+22	2,115638E+22	2,292128E+22	2,292183E+22	2,115749E+22	1,795907E+22	1,402124E+22	1,039936E+22	8,226285E+21	8,226221E+21	1,039917E+22	1,402099E+22
1674	1,795889E+22	2,115734E+22	2,292180E+22	2,292190E+22	2,115730E+22	1,795858E+22	1,402079E+22	1,039918E+22	8,226402E+21	8,226600E+21	1,039968E+22	1,402126E+22
1675	1,795858E+22	2,115644E+22	2,292030E+22	2,292024E+22	2,115647E+22	1,795874E+22	1,402145E+22	1,039994E+22	8,227000E+21	8,226875E+21	1,039961E+22	1,402099E+22
1676	1,795826E+22	2,115632E+22	2,292074E+22	2,292092E+22	2,115702E+22	1,795913E+22	1,402157E+22	1,040000E+22	8,227206E+21	8,227213E+21	1,039998E+22	1,402146E+22
1677	1,795895E+22	2,115704E+22	2,292110E+22	2,292062E+22	2,115600E+22	1,795810E+22	1,402118E+22	1,040010E+22	8,227513E+21	8,227576E+21	1,040023E+22	1,402135E+22
1678	1,795835E+22	2,115593E+22	2,291976E+22	2,291990E+22	2,115605E+22	1,795838E+22	1,402156E+22	1,040061E+22	8,227980E+21	8,227839E+21	1,040027E+22	1,402127E+22
1679	1,795833E+22	2,115639E+22	2,292074E+22	2,292090E+22	2,115680E+22	1,795860E+22	1,402126E+22	1,040026E+22	8,227897E+21	8,228058E+21	1,040072E+22	1,402182E+22
1680	1,795875E+22	2,115640E+22	2,292028E+22	2,291990E+22	2,115573E+22	1,795824E+22	1,402145E+22	1,040046E+22	8,227949E+21	8,227989E+21	1,040055E+22	1,402151E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795817E+22	2,115552E+22	2,291965E+22	2,292015E+22	2,115635E+22	1,795874E+22	1,402183E+22	1,040069E+22	8,227987E+21	8,227829E+21	1,040029E+22	1,402143E+22
1682	1,795873E+22	2,115683E+22	2,292093E+22	2,292081E+22	2,115653E+22	1,795842E+22	1,402125E+22	1,040020E+22	8,227726E+21	8,227846E+21	1,040050E+22	1,402154E+22
1683	1,795849E+22	2,115623E+22	2,292006E+22	2,291971E+22	2,115575E+22	1,795837E+22	1,402157E+22	1,040049E+22	8,227794E+21	8,227635E+21	1,040007E+22	1,402103E+22
1684	1,795794E+22	2,115581E+22	2,292033E+22	2,292079E+22	2,115684E+22	1,795898E+22	1,402163E+22	1,040024E+22	8,227493E+21	8,227419E+21	1,040001E+22	1,402128E+22
1685	1,795867E+22	2,115681E+22	2,292106E+22	2,292104E+22	2,115655E+22	1,795829E+22	1,402103E+22	1,039980E+22	8,227171E+21	8,227276E+21	1,040006E+22	1,402132E+22
1686	1,795841E+22	2,115605E+22	2,291987E+22	2,292002E+22	2,115631E+22	1,795856E+22	1,402135E+22	1,039997E+22	8,227106E+21	8,226972E+21	1,039968E+22	1,402109E+22
1687	1,795844E+22	2,115660E+22	2,292102E+22	2,292118E+22	2,115708E+22	1,795890E+22	1,402117E+22	1,039955E+22	8,226740E+21	8,226793E+21	1,039973E+22	1,402143E+22
1688	1,795906E+22	2,115719E+22	2,292126E+22	2,292076E+22	2,115614E+22	1,795823E+22	1,402099E+22	1,039949E+22	8,226621E+21	8,226644E+21	1,039953E+22	1,402105E+22
1689	1,795844E+22	2,115633E+22	2,292054E+22	2,292083E+22	2,115664E+22	1,795857E+22	1,402124E+22	1,039972E+22	8,226731E+21	8,226561E+21	1,039928E+22	1,402081E+22
1690	1,795859E+22	2,115726E+22	2,292180E+22	2,292181E+22	2,115729E+22	1,795860E+22	1,402078E+22	1,039929E+22	8,226629E+21	8,226815E+21	1,039978E+22	1,402123E+22
1691	1,795854E+22	2,115663E+22	2,292080E+22	2,292053E+22	2,115629E+22	1,795845E+22	1,402113E+22	1,039971E+22	8,226937E+21	8,226942E+21	1,039971E+22	1,402103E+22
1692	1,795808E+22	2,115579E+22	2,292020E+22	2,292079E+22	2,115699E+22	1,795913E+22	1,402165E+22	1,040005E+22	8,227174E+21	8,227097E+21	1,039979E+22	1,402122E+22
1693	1,795873E+22	2,115685E+22	2,292098E+22	2,292097E+22	2,115659E+22	1,795842E+22	1,402119E+22	1,039999E+22	8,227398E+21	8,227506E+21	1,040025E+22	1,402147E+22
1694	1,795854E+22	2,115610E+22	2,291964E+22	2,291940E+22	2,115561E+22	1,795823E+22	1,402153E+22	1,040059E+22	8,227972E+21	8,227834E+21	1,040026E+22	1,402121E+22
1695	1,795811E+22	2,115597E+22	2,292024E+22	2,292034E+22	2,115636E+22	1,795866E+22	1,402163E+22	1,040064E+22	8,228175E+21	8,228183E+21	1,040065E+22	1,402161E+22
1696	1,795859E+22	2,115642E+22	2,292044E+22	2,292009E+22	2,115559E+22	1,795791E+22	1,402133E+22	1,040067E+22	8,228404E+21	8,228544E+21	1,040100E+22	1,402167E+22
1697	1,795808E+22	2,115527E+22	2,291907E+22	2,291937E+22	2,115569E+22	1,795830E+22	1,402176E+22	1,040109E+22	8,228706E+21	8,228607E+21	1,040086E+22	1,402152E+22
1698	1,795822E+22	2,115596E+22	2,292013E+22	2,292031E+22	2,115641E+22	1,795858E+22	1,402159E+22	1,040082E+22	8,228616E+21	8,228795E+21	1,040128E+22	1,402201E+22
1699	1,795856E+22	2,115589E+22	2,291954E+22	2,291922E+22	2,115523E+22	1,795807E+22	1,402173E+22	1,040112E+22	8,228794E+21	8,228769E+21	1,040106E+22	1,402166E+22
1700	1,795805E+22	2,115517E+22	2,291895E+22	2,291938E+22	2,115590E+22	1,795872E+22	1,402215E+22	1,040133E+22	8,228811E+21	8,228601E+21	1,040075E+22	1,402141E+22
1701	1,795833E+22	2,115633E+22	2,292043E+22	2,292033E+22	2,115608E+22	1,795824E+22	1,402152E+22	1,040085E+22	8,228574E+21	8,228650E+21	1,040103E+22	1,402168E+22
1702	1,795824E+22	2,115566E+22	2,291937E+22	2,291913E+22	2,115527E+22	1,795802E+22	1,402158E+22	1,040095E+22	8,228553E+21	8,228458E+21	1,040075E+22	1,402138E+22
1703	1,795786E+22	2,115535E+22	2,291964E+22	2,292014E+22	2,115638E+22	1,795877E+22	1,402176E+22	1,040071E+22	8,228192E+21	8,228164E+21	1,040062E+22	1,402159E+22
1704	1,795860E+22	2,115638E+22	2,292034E+22	2,292029E+22	2,115599E+22	1,795812E+22	1,402123E+22	1,040028E+22	8,227837E+21	8,227979E+21	1,040063E+22	1,402163E+22
1705	1,795839E+22	2,115578E+22	2,291939E+22	2,291941E+22	2,115573E+22	1,795826E+22	1,402144E+22	1,040040E+22	8,227716E+21	8,227559E+21	1,040005E+22	1,402118E+22
1706	1,795835E+22	2,115646E+22	2,292078E+22	2,292079E+22	2,115664E+22	1,795865E+22	1,402128E+22	1,039999E+22	8,227405E+21	8,227482E+21	1,040019E+22	1,402144E+22
1707	1,795868E+22	2,115665E+22	2,292075E+22	2,292042E+22	2,115578E+22	1,795797E+22	1,402111E+22	1,040003E+22	8,227430E+21	8,227456E+21	1,040009E+22	1,402118E+22
1708	1,795812E+22	2,115572E+22	2,291974E+22	2,292023E+22	2,115646E+22	1,795867E+22	1,402154E+22	1,040030E+22	8,227543E+21	8,227389E+21	1,039987E+22	1,402093E+22
1709	1,795817E+22	2,115651E+22	2,292097E+22	2,292113E+22	2,115694E+22	1,795867E+22	1,402124E+22	1,040001E+22	8,227506E+21	8,227656E+21	1,040037E+22	1,402150E+22
1710	1,795844E+22	2,115604E+22	2,291985E+22	2,291960E+22	2,115561E+22	1,795818E+22	1,402138E+22	1,040039E+22	8,227848E+21	8,227842E+21	1,040039E+22	1,402137E+22
1711	1,795808E+22	2,115547E+22	2,291945E+22	2,291986E+22	2,115621E+22	1,795877E+22	1,402188E+22	1,040079E+22	8,228147E+21	8,228024E+21	1,040042E+22	1,402140E+22
1712	1,795853E+22	2,115642E+22	2,292033E+22	2,292016E+22	2,115585E+22	1,795807E+22	1,402140E+22	1,040068E+22	8,228380E+21	8,228512E+21	1,040098E+22	1,402171E+22
1713	1,795827E+22	2,115561E+22	2,291917E+22	2,291891E+22	2,115504E+22	1,795782E+22	1,402157E+22	1,040113E+22	8,228832E+21	8,228735E+21	1,040093E+22	1,402143E+22
1714	1,795789E+22	2,115550E+22	2,291974E+22	2,291993E+22	2,115602E+22	1,795845E+22	1,402173E+22	1,040113E+22	8,228994E+21	8,229105E+21	1,040139E+22	1,402190E+22
1715	1,795832E+22	2,115570E+22	2,291960E+22	2,291947E+22	2,115524E+22	1,795783E+22	1,402158E+22	1,040127E+22	8,229254E+21	8,229425E+21	1,040169E+22	1,402203E+22
1716	1,795806E+22	2,115483E+22	2,291819E+22	2,291850E+22	2,115530E+22	1,795838E+22	1,402217E+22	1,040176E+22	8,229522E+21	8,229377E+21	1,040137E+22	1,402165E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795799E+22	2,115554E+22	2,291951E+22	2,291959E+22	2,115586E+22	1,795849E+22	1,402201E+22	1,040159E+22	8,229515E+21	8,229566E+21	1,040170E+22	1,402209E+22
1718	1,795839E+22	2,115549E+22	2,291896E+22	2,291857E+22	2,115461E+22	1,795770E+22	1,402185E+22	1,040173E+22	8,229669E+21	8,229623E+21	1,040162E+22	1,402178E+22
1719	1,795780E+22	2,115474E+22	2,291842E+22	2,291882E+22	2,115538E+22	1,795835E+22	1,402224E+22	1,040191E+22	8,229649E+21	8,229449E+21	1,040135E+22	1,402154E+22
1720	1,795792E+22	2,115560E+22	2,291965E+22	2,291973E+22	2,115572E+22	1,795811E+22	1,402168E+22	1,040134E+22	8,229329E+21	8,229480E+21	1,040172E+22	1,402202E+22
1721	1,795803E+22	2,115506E+22	2,291870E+22	2,291854E+22	2,115484E+22	1,795784E+22	1,402168E+22	1,040131E+22	8,229120E+21	8,229080E+21	1,040126E+22	1,402168E+22
1722	1,795787E+22	2,115505E+22	2,291910E+22	2,291951E+22	2,115588E+22	1,795855E+22	1,402191E+22	1,040112E+22	8,228780E+21	8,228789E+21	1,040110E+22	1,402180E+22
1723	1,795851E+22	2,115602E+22	2,291976E+22	2,291966E+22	2,115548E+22	1,795790E+22	1,402142E+22	1,040081E+22	8,228545E+21	8,228650E+21	1,040108E+22	1,402180E+22
1724	1,795834E+22	2,115558E+22	2,291890E+22	2,291879E+22	2,115535E+22	1,795819E+22	1,402168E+22	1,040094E+22	8,228437E+21	8,228248E+21	1,040046E+22	1,402115E+22
1725	1,795796E+22	2,115600E+22	2,292039E+22	2,292043E+22	2,115633E+22	1,795853E+22	1,402156E+22	1,040063E+22	8,228227E+21	8,228241E+21	1,040067E+22	1,402156E+22
1726	1,795841E+22	2,115603E+22	2,292003E+22	2,291987E+22	2,115545E+22	1,795776E+22	1,402122E+22	1,040056E+22	8,228253E+21	8,228323E+21	1,040075E+22	1,402148E+22
1727	1,795798E+22	2,115518E+22	2,291892E+22	2,291943E+22	2,115595E+22	1,795852E+22	1,402183E+22	1,040094E+22	8,228389E+21	8,228248E+21	1,040052E+22	1,402121E+22
1728	1,795798E+22	2,115590E+22	2,292007E+22	2,292021E+22	2,115630E+22	1,795850E+22	1,402157E+22	1,040071E+22	8,228401E+21	8,228546E+21	1,040105E+22	1,402181E+22
1729	1,795831E+22	2,115564E+22	2,291926E+22	2,291881E+22	2,115486E+22	1,795778E+22	1,402152E+22	1,040099E+22	8,228699E+21	8,228673E+21	1,040095E+22	1,402154E+22
1730	1,795794E+22	2,115519E+22	2,291908E+22	2,291929E+22	2,115557E+22	1,795836E+22	1,402198E+22	1,040135E+22	8,229037E+21	8,228968E+21	1,040108E+22	1,402154E+22
1731	1,795816E+22	2,115580E+22	2,291969E+22	2,291963E+22	2,115540E+22	1,795777E+22	1,402151E+22	1,040129E+22	8,229325E+21	8,229496E+21	1,040172E+22	1,402200E+22
1732	1,795805E+22	2,115502E+22	2,291834E+22	2,291823E+22	2,115482E+22	1,795788E+22	1,402185E+22	1,040173E+22	8,229696E+21	8,229630E+21	1,040159E+22	1,402165E+22
1733	1,795760E+22	2,115486E+22	2,291899E+22	2,291930E+22	2,115569E+22	1,795849E+22	1,402217E+22	1,040186E+22	8,229880E+21	8,229924E+21	1,040196E+22	1,402220E+22
1734	1,795828E+22	2,115518E+22	2,291874E+22	2,291864E+22	2,115469E+22	1,795761E+22	1,402185E+22	1,040195E+22	8,230156E+21	8,230285E+21	1,040229E+22	1,402229E+22
1735	1,795801E+22	2,115451E+22	2,291757E+22	2,291769E+22	2,115466E+22	1,795814E+22	1,402248E+22	1,040250E+22	8,230442E+21	8,230240E+21	1,040193E+22	1,402175E+22
1736	1,795766E+22	2,115499E+22	2,291891E+22	2,291891E+22	2,115526E+22	1,795823E+22	1,402225E+22	1,040224E+22	8,230411E+21	8,230466E+21	1,040234E+22	1,402224E+22
1737	1,795800E+22	2,115491E+22	2,291845E+22	2,291804E+22	2,115410E+22	1,795733E+22	1,402188E+22	1,040220E+22	8,230416E+21	8,230414E+21	1,040222E+22	1,402200E+22
1738	1,795758E+22	2,115423E+22	2,291785E+22	2,291829E+22	2,115502E+22	1,795815E+22	1,402228E+22	1,040227E+22	8,230312E+21	8,230231E+21	1,040200E+22	1,402184E+22
1739	1,795776E+22	2,115497E+22	2,291881E+22	2,291897E+22	2,115528E+22	1,795797E+22	1,402185E+22	1,040180E+22	8,229987E+21	8,230172E+21	1,040229E+22	1,402240E+22
1740	1,795814E+22	2,115479E+22	2,291798E+22	2,291772E+22	2,115441E+22	1,795779E+22	1,402194E+22	1,040182E+22	8,229748E+21	8,229653E+21	1,040163E+22	1,402179E+22
1741	1,795777E+22	2,115485E+22	2,291878E+22	2,291901E+22	2,115539E+22	1,795835E+22	1,402216E+22	1,040172E+22	8,229500E+21	8,229382E+21	1,040140E+22	1,402185E+22
1742	1,795838E+22	2,115570E+22	2,291937E+22	2,291920E+22	2,115502E+22	1,795754E+22	1,402147E+22	1,040131E+22	8,229304E+21	8,229393E+21	1,040155E+22	1,402185E+22
1743	1,795805E+22	2,115517E+22	2,291850E+22	2,291837E+22	2,115499E+22	1,795797E+22	1,402184E+22	1,040150E+22	8,229226E+21	8,229047E+21	1,040102E+22	1,402123E+22
1744	1,795748E+22	2,115520E+22	2,291962E+22	2,291985E+22	2,115605E+22	1,795851E+22	1,402183E+22	1,040121E+22	8,229038E+21	8,229095E+21	1,040133E+22	1,402180E+22
1745	1,795809E+22	2,115535E+22	2,291930E+22	2,291916E+22	2,115500E+22	1,795763E+22	1,402144E+22	1,040110E+22	8,228996E+21	8,229083E+21	1,040134E+22	1,402177E+22
1746	1,795792E+22	2,115477E+22	2,291826E+22	2,291865E+22	2,115537E+22	1,795829E+22	1,402203E+22	1,040152E+22	8,229214E+21	8,229097E+21	1,040114E+22	1,402145E+22
1747	1,795783E+22	2,115537E+22	2,291929E+22	2,291935E+22	2,115566E+22	1,795823E+22	1,402180E+22	1,040140E+22	8,229334E+21	8,229459E+21	1,040170E+22	1,402209E+22
1748	1,795823E+22	2,115528E+22	2,291862E+22	2,291808E+22	2,115436E+22	1,795758E+22	1,402173E+22	1,040164E+22	8,229611E+21	8,229580E+21	1,040158E+22	1,402169E+22
1749	1,795761E+22	2,115465E+22	2,291858E+22	2,291883E+22	2,115516E+22	1,795813E+22	1,402219E+22	1,040204E+22	8,229990E+21	8,229890E+21	1,040175E+22	1,402185E+22
1750	1,795801E+22	2,115516E+22	2,291890E+22	2,291898E+22	2,115502E+22	1,795758E+22	1,402165E+22	1,040187E+22	8,230237E+21	8,230471E+21	1,040249E+22	1,402240E+22
1751	1,795801E+22	2,115457E+22	2,291760E+22	2,291740E+22	2,115426E+22	1,795775E+22	1,402218E+22	1,040242E+22	8,230578E+21	8,230518E+21	1,040224E+22	1,402193E+22
1752	1,795743E+22	2,115429E+22	2,291816E+22	2,291842E+22	2,115509E+22	1,795836E+22	1,402254E+22	1,040262E+22	8,230812E+21	8,230802E+21	1,040256E+22	1,402237E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795807E+22	2,115479E+22	2,291824E+22	2,291794E+22	2,115405E+22	1,795729E+22	1,402201E+22	1,040257E+22	8,231001E+21	8,231080E+21	1,040278E+22	1,402236E+22
1754	1,795775E+22	2,115411E+22	2,291715E+22	2,291715E+22	2,115410E+22	1,795779E+22	1,402256E+22	1,040303E+22	8,231283E+21	8,231124E+21	1,040252E+22	1,402183E+22
1755	1,795722E+22	2,115421E+22	2,291815E+22	2,291832E+22	2,115487E+22	1,795803E+22	1,402239E+22	1,040280E+22	8,231236E+21	8,231326E+21	1,040301E+22	1,402252E+22
1756	1,795780E+22	2,115428E+22	2,291759E+22	2,291734E+22	2,115383E+22	1,795736E+22	1,402210E+22	1,040268E+22	8,231118E+21	8,231143E+21	1,040277E+22	1,402223E+22
1757	1,795740E+22	2,115371E+22	2,291720E+22	2,291767E+22	2,115459E+22	1,795806E+22	1,402258E+22	1,040285E+22	8,231014E+21	8,230861E+21	1,040245E+22	1,402214E+22
1758	1,795785E+22	2,115463E+22	2,291814E+22	2,291822E+22	2,115473E+22	1,795770E+22	1,402197E+22	1,040232E+22	8,230706E+21	8,230858E+21	1,040275E+22	1,402260E+22
1759	1,795817E+22	2,115467E+22	2,291763E+22	2,291710E+22	2,115381E+22	1,795752E+22	1,402214E+22	1,040239E+22	8,230478E+21	8,230345E+21	1,040205E+22	1,402182E+22
1760	1,795747E+22	2,115441E+22	2,291838E+22	2,291857E+22	2,115497E+22	1,795814E+22	1,402234E+22	1,040228E+22	8,230274E+21	8,230146E+21	1,040192E+22	1,402191E+22
1761	1,795797E+22	2,115517E+22	2,291899E+22	2,291886E+22	2,115472E+22	1,795731E+22	1,402150E+22	1,040174E+22	8,229995E+21	8,230118E+21	1,040208E+22	1,402202E+22
1762	1,795779E+22	2,115460E+22	2,291793E+22	2,291789E+22	2,115471E+22	1,795790E+22	1,402196E+22	1,040192E+22	8,229940E+21	8,229865E+21	1,040167E+22	1,402151E+22
1763	1,795727E+22	2,115445E+22	2,291865E+22	2,291900E+22	2,115558E+22	1,795847E+22	1,402214E+22	1,040181E+22	8,229820E+21	8,229892E+21	1,040196E+22	1,402216E+22
1764	1,795811E+22	2,115494E+22	2,291843E+22	2,291822E+22	2,115446E+22	1,795755E+22	1,402175E+22	1,040176E+22	8,229819E+21	8,229851E+21	1,040185E+22	1,402194E+22
1765	1,795779E+22	2,115444E+22	2,291780E+22	2,291799E+22	2,115473E+22	1,795799E+22	1,402227E+22	1,040223E+22	8,230129E+21	8,229910E+21	1,040165E+22	1,402165E+22
1766	1,795773E+22	2,115495E+22	2,291870E+22	2,291868E+22	2,115501E+22	1,795778E+22	1,402184E+22	1,040200E+22	8,230279E+21	8,230422E+21	1,040238E+22	1,402231E+22
1767	1,795804E+22	2,115482E+22	2,291808E+22	2,291751E+22	2,115387E+22	1,795733E+22	1,402192E+22	1,040227E+22	8,230522E+21	8,230533E+21	1,040228E+22	1,402192E+22
1768	1,795728E+22	2,115392E+22	2,291780E+22	2,291819E+22	2,115479E+22	1,795807E+22	1,402246E+22	1,040267E+22	8,230883E+21	8,230820E+21	1,040246E+22	1,402213E+22
1769	1,795777E+22	2,115458E+22	2,291818E+22	2,291822E+22	2,115450E+22	1,795743E+22	1,402189E+22	1,040248E+22	8,231058E+21	8,231281E+21	1,040307E+22	1,402264E+22
1770	1,795793E+22	2,115418E+22	2,291700E+22	2,291667E+22	2,115371E+22	1,795758E+22	1,402243E+22	1,040305E+22	8,231472E+21	8,231407E+21	1,040282E+22	1,402206E+22
1771	1,795717E+22	2,115369E+22	2,291738E+22	2,291761E+22	2,115450E+22	1,795817E+22	1,402283E+22	1,040334E+22	8,231765E+21	8,231715E+21	1,040316E+22	1,402252E+22
1772	1,795783E+22	2,115428E+22	2,291754E+22	2,291727E+22	2,115360E+22	1,795712E+22	1,402225E+22	1,040323E+22	8,231904E+21	8,231954E+21	1,040336E+22	1,402246E+22
1773	1,795736E+22	2,115348E+22	2,291658E+22	2,291669E+22	2,115371E+22	1,795758E+22	1,402273E+22	1,040365E+22	8,232146E+21	8,231953E+21	1,040315E+22	1,402216E+22
1774	1,795710E+22	2,115354E+22	2,291724E+22	2,291755E+22	2,115439E+22	1,795782E+22	1,402249E+22	1,040328E+22	8,232015E+21	8,232169E+21	1,040369E+22	1,402291E+22
1775	1,795786E+22	2,115392E+22	2,291691E+22	2,291653E+22	2,115320E+22	1,795718E+22	1,402237E+22	1,040324E+22	8,231822E+21	8,231859E+21	1,040332E+22	1,402249E+22
1776	1,795735E+22	2,115336E+22	2,291661E+22	2,291697E+22	2,115402E+22	1,795784E+22	1,402278E+22	1,040341E+22	8,231755E+21	8,231561E+21	1,040291E+22	1,402225E+22
1777	1,795769E+22	2,115444E+22	2,291788E+22	2,291773E+22	2,115419E+22	1,795737E+22	1,402202E+22	1,040276E+22	8,231377E+21	8,231504E+21	1,040314E+22	1,402261E+22
1778	1,795794E+22	2,115438E+22	2,291742E+22	2,291685E+22	2,115348E+22	1,795728E+22	1,402215E+22	1,040278E+22	8,231178E+21	8,231101E+21	1,040254E+22	1,402185E+22
1779	1,795704E+22	2,115366E+22	2,291766E+22	2,291812E+22	2,115477E+22	1,795812E+22	1,402253E+22	1,040278E+22	8,231009E+21	8,230913E+21	1,040250E+22	1,402211E+22
1780	1,795773E+22	2,115449E+22	2,291811E+22	2,291823E+22	2,115454E+22	1,795744E+22	1,402182E+22	1,040227E+22	8,230694E+21	8,230819E+21	1,040260E+22	1,402222E+22
1781	1,795759E+22	2,115402E+22	2,291720E+22	2,291721E+22	2,115423E+22	1,795783E+22	1,402232E+22	1,040259E+22	8,230722E+21	8,230562E+21	1,040219E+22	1,402184E+22
1782	1,795731E+22	2,115399E+22	2,291779E+22	2,291808E+22	2,115489E+22	1,795820E+22	1,402234E+22	1,040245E+22	8,230693E+21	8,230739E+21	1,040256E+22	1,402242E+22
1783	1,795813E+22	2,115474E+22	2,291794E+22	2,291742E+22	2,115366E+22	1,795721E+22	1,402198E+22	1,040241E+22	8,230707E+21	8,230739E+21	1,040245E+22	1,402208E+22
1784	1,795753E+22	2,115395E+22	2,291726E+22	2,291742E+22	2,115414E+22	1,795764E+22	1,402239E+22	1,040286E+22	8,231062E+21	8,230865E+21	1,040234E+22	1,402183E+22
1785	1,795743E+22	2,115446E+22	2,291821E+22	2,291820E+22	2,115459E+22	1,795748E+22	1,402184E+22	1,040248E+22	8,231099E+21	8,231302E+21	1,040305E+22	1,402259E+22
1786	1,795788E+22	2,115430E+22	2,291747E+22	2,291696E+22	2,115349E+22	1,795720E+22	1,402204E+22	1,040275E+22	8,231344E+21	8,231443E+21	1,040296E+22	1,402220E+22
1787	1,795710E+22	2,115324E+22	2,291686E+22	2,291734E+22	2,115430E+22	1,795804E+22	1,402283E+22	1,040337E+22	8,231765E+21	8,231676E+21	1,040308E+22	1,402240E+22
1788	1,795769E+22	2,115413E+22	2,291739E+22	2,291740E+22	2,115400E+22	1,795737E+22	1,402226E+22	1,040322E+22	8,231973E+21	8,232103E+21	1,040355E+22	1,402268E+22

1 Longitude \odot Years	2 0° - 30°	3 30° - 60°	4 60° - 90°	5 90° - 120°	6 120° - 150°	7 150° - 180°	8 180° - 210°	9 210° - 240°	10 240° - 270°	11 270° - 300°	12 300° - 330°	13 330° - 360°
1789	1,795762E+22	2,115371E+22	2,291650E+22	2,291611E+22	2,115313E+22	1,795735E+22	1,402274E+22	1,040383E+22	8,232451E+21	8,232278E+21	1,040337E+22	1,402221E+22
1790	1,795690E+22	2,115304E+22	2,291659E+22	2,291692E+22	2,115393E+22	1,795784E+22	1,402295E+22	1,040398E+22	8,232741E+21	8,232714E+21	1,040387E+22	1,402273E+22
1791	1,795755E+22	2,115368E+22	2,291681E+22	2,291657E+22	2,115306E+22	1,795694E+22	1,402247E+22	1,040384E+22	8,232780E+21	8,232886E+21	1,040408E+22	1,402273E+22
1792	1,795709E+22	2,115276E+22	2,291572E+22	2,291597E+22	2,115324E+22	1,795746E+22	1,402296E+22	1,040421E+22	8,232954E+21	8,232797E+21	1,040381E+22	1,402247E+22
1793	1,795702E+22	2,115316E+22	2,291662E+22	2,291681E+22	2,115378E+22	1,795756E+22	1,402261E+22	1,040376E+22	8,232692E+21	8,232844E+21	1,040419E+22	1,402318E+22
1794	1,795791E+22	2,115375E+22	2,291651E+22	2,291599E+22	2,115270E+22	1,795694E+22	1,402245E+22	1,040368E+22	8,232519E+21	8,232568E+21	1,040377E+22	1,402259E+22
1795	1,795719E+22	2,115299E+22	2,291612E+22	2,291643E+22	2,115356E+22	1,795768E+22	1,402298E+22	1,040393E+22	8,232469E+21	8,232263E+21	1,040337E+22	1,402234E+22
1796	1,795746E+22	2,115403E+22	2,291738E+22	2,291735E+22	2,115395E+22	1,795730E+22	1,402221E+22	1,040327E+22	8,232077E+21	8,232184E+21	1,040357E+22	1,402263E+22
1797	1,795755E+22	2,115381E+22	2,291695E+22	2,291659E+22	2,115329E+22	1,795725E+22	1,402236E+22	1,040330E+22	8,231897E+21	8,231794E+21	1,040308E+22	1,402213E+22
1798	1,795690E+22	2,115299E+22	2,291669E+22	2,291734E+22	2,115433E+22	1,795802E+22	1,402273E+22	1,040329E+22	8,231752E+21	8,231699E+21	1,040311E+22	1,402243E+22
1799	1,795771E+22	2,115409E+22	2,291734E+22	2,291734E+22	2,115383E+22	1,795729E+22	1,402218E+22	1,040290E+22	8,231460E+21	8,231569E+21	1,040315E+22	1,402245E+22
1800	1,795750E+22	2,115363E+22	2,291655E+22	2,291645E+22	2,115353E+22	1,795751E+22	1,402252E+22	1,040322E+22	8,231567E+21	8,231366E+21	1,040271E+22	1,402195E+22
1801	1,795714E+22	2,115377E+22	2,291742E+22	2,291743E+22	2,115413E+22	1,795771E+22	1,402234E+22	1,040295E+22	8,231490E+21	8,231544E+21	1,040309E+22	1,402253E+22
1802	1,795792E+22	2,115439E+22	2,291760E+22	2,291706E+22	2,115322E+22	1,795687E+22	1,402195E+22	1,040285E+22	8,231532E+21	8,231646E+21	1,040309E+22	1,402222E+22
1803	1,795716E+22	2,115325E+22	2,291651E+22	2,291688E+22	2,115384E+22	1,795757E+22	1,402257E+22	1,040339E+22	8,231888E+21	8,231752E+21	1,040302E+22	1,402211E+22
1804	1,795722E+22	2,115380E+22	2,291734E+22	2,291756E+22	2,115432E+22	1,795757E+22	1,402219E+22	1,040310E+22	8,231919E+21	8,232108E+21	1,040361E+22	1,402278E+22
1805	1,795766E+22	2,115374E+22	2,291677E+22	2,291638E+22	2,115307E+22	1,795717E+22	1,402245E+22	1,040352E+22	8,232255E+21	8,232252E+21	1,040353E+22	1,402248E+22
1806	1,795701E+22	2,115268E+22	2,291592E+22	2,291641E+22	2,115365E+22	1,795785E+22	1,402314E+22	1,040413E+22	8,232784E+21	8,232652E+21	1,040373E+22	1,402258E+22
1807	1,795750E+22	2,115371E+22	2,291677E+22	2,291659E+22	2,115323E+22	1,795713E+22	1,402263E+22	1,040400E+22	8,232988E+21	8,233103E+21	1,040423E+22	1,402282E+22
1808	1,795723E+22	2,115302E+22	2,291580E+22	2,291550E+22	2,115255E+22	1,795704E+22	1,402292E+22	1,040453E+22	8,233460E+21	8,233312E+21	1,040414E+22	1,402243E+22
1809	1,795660E+22	2,115247E+22	2,291588E+22	2,291622E+22	2,115337E+22	1,795753E+22	1,402299E+22	1,040447E+22	8,233570E+21	8,233626E+21	1,040461E+22	1,402311E+22
1810	1,795749E+22	2,115322E+22	2,291611E+22	2,291589E+22	2,115258E+22	1,795675E+22	1,402255E+22	1,040426E+22	8,233526E+21	8,233729E+21	1,040475E+22	1,402308E+22
1811	1,795707E+22	2,115230E+22	2,291491E+22	2,291514E+22	2,115269E+22	1,795732E+22	1,402320E+22	1,040476E+22	8,233673E+21	8,233509E+21	1,040435E+22	1,402275E+22
1812	1,795707E+22	2,115295E+22	2,291609E+22	2,291622E+22	2,115333E+22	1,795740E+22	1,402284E+22	1,040431E+22	8,233398E+21	8,233469E+21	1,040453E+22	1,402318E+22
1813	1,795768E+22	2,115348E+22	2,291628E+22	2,291575E+22	2,115232E+22	1,795673E+22	1,402265E+22	1,040424E+22	8,233246E+21	8,233210E+21	1,040417E+22	1,402266E+22
1814	1,795690E+22	2,115245E+22	2,291551E+22	2,291598E+22	2,115323E+22	1,795751E+22	1,402312E+22	1,040445E+22	8,233235E+21	8,233045E+21	1,040392E+22	1,402244E+22
1815	1,795713E+22	2,115347E+22	2,291676E+22	2,291680E+22	2,115357E+22	1,795729E+22	1,402252E+22	1,040379E+22	8,232792E+21	8,232929E+21	1,040412E+22	1,402278E+22
1816	1,795720E+22	2,115308E+22	2,291609E+22	2,291590E+22	2,115286E+22	1,795718E+22	1,402266E+22	1,040388E+22	8,232650E+21	8,232554E+21	1,040364E+22	1,402234E+22
1817	1,795678E+22	2,115261E+22	2,291596E+22	2,291649E+22	2,115368E+22	1,795775E+22	1,402288E+22	1,040380E+22	8,232459E+21	8,232400E+21	1,040363E+22	1,402266E+22
1818	1,795770E+22	2,115386E+22	2,291683E+22	2,291667E+22	2,115321E+22	1,795696E+22	1,402223E+22	1,040338E+22	8,232237E+21	8,232364E+21	1,040368E+22	1,402259E+22
1819	1,795731E+22	2,115323E+22	2,291598E+22	2,291583E+22	2,115295E+22	1,795722E+22	1,402265E+22	1,040376E+22	8,232366E+21	8,232186E+21	1,040331E+22	1,402215E+22
1820	1,795695E+22	2,115333E+22	2,291691E+22	2,291706E+22	2,115380E+22	1,795748E+22	1,402245E+22	1,040347E+22	8,232277E+21	8,232341E+21	1,040365E+22	1,402268E+22
1821	1,795759E+22	2,115381E+22	2,291706E+22	2,291676E+22	2,115302E+22	1,795681E+22	1,402215E+22	1,040340E+22	8,232321E+21	8,232447E+21	1,040375E+22	1,402258E+22
1822	1,795703E+22	2,115259E+22	2,291553E+22	2,291606E+22	2,115340E+22	1,795754E+22	1,402288E+22	1,040401E+22	8,232749E+21	8,232645E+21	1,040371E+22	1,402242E+22
1823	1,795716E+22	2,115338E+22	2,291656E+22	2,291663E+22	2,115362E+22	1,795750E+22	1,402268E+22	1,040388E+22	8,232847E+21	8,232988E+21	1,040420E+22	1,402294E+22
1824	1,795743E+22	2,115323E+22	2,291604E+22	2,291560E+22	2,115242E+22	1,795693E+22	1,402278E+22	1,040433E+22	8,233300E+21	8,233231E+21	1,040414E+22	1,402256E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795674E+22	2,115231E+22	2,291532E+22	2,291565E+22	2,115292E+22	1,795743E+22	1,402324E+22	1,040477E+22	8,233751E+21	8,233629E+21	1,040441E+22	1,402275E+22
1826	1,795719E+22	2,115316E+22	2,291616E+22	2,291606E+22	2,115276E+22	1,795680E+22	1,402266E+22	1,040455E+22	8,233926E+21	8,234113E+21	1,040499E+22	1,402307E+22
1827	1,795690E+22	2,115227E+22	2,291489E+22	2,291477E+22	2,115212E+22	1,795691E+22	1,402312E+22	1,040508E+22	8,234292E+21	8,234215E+21	1,040488E+22	1,402283E+22
1828	1,795652E+22	2,115190E+22	2,291504E+22	2,291550E+22	2,115292E+22	1,795742E+22	1,402326E+22	1,040504E+22	8,234320E+21	8,234365E+21	1,040516E+22	1,402337E+22
1829	1,795743E+22	2,115287E+22	2,291557E+22	2,291535E+22	2,115216E+22	1,795664E+22	1,402284E+22	1,040488E+22	8,234272E+21	8,234401E+21	1,040524E+22	1,402335E+22
1830	1,795706E+22	2,115201E+22	2,291427E+22	2,291440E+22	2,115213E+22	1,795710E+22	1,402339E+22	1,040533E+22	8,234475E+21	8,234280E+21	1,040484E+22	1,402284E+22
1831	1,795689E+22	2,115269E+22	2,291572E+22	2,291566E+22	2,115274E+22	1,795722E+22	1,402315E+22	1,040493E+22	8,234192E+21	8,234231E+21	1,040501E+22	1,402319E+22
1832	1,795725E+22	2,115286E+22	2,291575E+22	2,291543E+22	2,115206E+22	1,795654E+22	1,402281E+22	1,040480E+22	8,234049E+21	8,234012E+21	1,040472E+22	1,402274E+22
1833	1,795655E+22	2,115190E+22	2,291480E+22	2,291535E+22	2,115283E+22	1,795731E+22	1,402319E+22	1,040485E+22	8,233909E+21	8,233786E+21	1,040451E+22	1,402271E+22
1834	1,795696E+22	2,115293E+22	2,291603E+22	2,291612E+22	2,115314E+22	1,795715E+22	1,402266E+22	1,040423E+22	8,233467E+21	8,233653E+21	1,040468E+22	1,402304E+22
1835	1,795710E+22	2,115260E+22	2,291528E+22	2,291505E+22	2,115227E+22	1,795698E+22	1,402289E+22	1,040442E+22	8,233352E+21	8,233245E+21	1,040416E+22	1,402259E+22
1836	1,795676E+22	2,115233E+22	2,291543E+22	2,291585E+22	2,115310E+22	1,795744E+22	1,402303E+22	1,040434E+22	8,233193E+21	8,233085E+21	1,040404E+22	1,402272E+22
1837	1,795748E+22	2,115356E+22	2,291654E+22	2,291635E+22	2,115281E+22	1,795668E+22	1,402234E+22	1,040391E+22	8,232984E+21	8,233098E+21	1,040422E+22	1,402279E+22
1838	1,795707E+22	2,115268E+22	2,291530E+22	2,291528E+22	2,115260E+22	1,795701E+22	1,402275E+22	1,040426E+22	8,233175E+21	8,233051E+21	1,040396E+22	1,402238E+22
1839	1,795671E+22	2,115280E+22	2,291624E+22	2,291642E+22	2,115339E+22	1,795748E+22	1,402281E+22	1,040407E+22	8,233080E+21	8,233171E+21	1,040428E+22	1,402291E+22
1840	1,795732E+22	2,115313E+22	2,291622E+22	2,291610E+22	2,115263E+22	1,795675E+22	1,402253E+22	1,040411E+22	8,233213E+21	8,233312E+21	1,040435E+22	1,402278E+22
1841	1,795690E+22	2,115222E+22	2,291477E+22	2,291516E+22	2,115273E+22	1,795730E+22	1,402314E+22	1,040469E+22	8,233651E+21	8,233519E+21	1,040432E+22	1,402264E+22
1842	1,795701E+22	2,115301E+22	2,291597E+22	2,291590E+22	2,115299E+22	1,795721E+22	1,402287E+22	1,040455E+22	8,233830E+21	8,233956E+21	1,040484E+22	1,402307E+22
1843	1,795712E+22	2,115266E+22	2,291531E+22	2,291485E+22	2,115181E+22	1,795664E+22	1,402301E+22	1,040503E+22	8,234286E+21	8,234234E+21	1,040489E+22	1,402282E+22
1844	1,795648E+22	2,115170E+22	2,291463E+22	2,291509E+22	2,115248E+22	1,795715E+22	1,402338E+22	1,040539E+22	8,234666E+21	8,234563E+21	1,040510E+22	1,402301E+22
1845	1,795693E+22	2,115253E+22	2,291545E+22	2,291551E+22	2,115240E+22	1,795667E+22	1,402285E+22	1,040512E+22	8,234744E+21	8,234968E+21	1,040572E+22	1,402353E+22
1846	1,795687E+22	2,115169E+22	2,291394E+22	2,291385E+22	2,115155E+22	1,795676E+22	1,402337E+22	1,040567E+22	8,235113E+21	8,235059E+21	1,040554E+22	1,402319E+22
1847	1,795656E+22	2,115166E+22	2,291447E+22	2,291467E+22	2,115221E+22	1,795723E+22	1,402362E+22	1,040570E+22	8,235133E+21	8,235119E+21	1,040564E+22	1,402348E+22
1848	1,795722E+22	2,115249E+22	2,291507E+22	2,291480E+22	2,115166E+22	1,795638E+22	1,402306E+22	1,040554E+22	8,235144E+21	8,235200E+21	1,040568E+22	1,402331E+22
1849	1,795676E+22	2,115172E+22	2,291388E+22	2,291389E+22	2,115164E+22	1,795678E+22	1,402346E+22	1,040583E+22	8,235245E+21	8,235063E+21	1,040536E+22	1,402290E+22
1850	1,795650E+22	2,115212E+22	2,291522E+22	2,291529E+22	2,115249E+22	1,795704E+22	1,402320E+22	1,040538E+22	8,234942E+21	8,235017E+21	1,040557E+22	1,402331E+22
1851	1,795684E+22	2,115207E+22	2,291487E+22	2,291477E+22	2,115178E+22	1,795654E+22	1,402306E+22	1,040530E+22	8,234739E+21	8,234740E+21	1,040531E+22	1,402304E+22
1852	1,795642E+22	2,115130E+22	2,291400E+22	2,291465E+22	2,115241E+22	1,795720E+22	1,402344E+22	1,040537E+22	8,234560E+21	8,234408E+21	1,040496E+22	1,402292E+22
1853	1,795687E+22	2,115253E+22	2,291542E+22	2,291550E+22	2,115269E+22	1,795699E+22	1,402288E+22	1,040478E+22	8,234137E+21	8,234282E+21	1,040518E+22	1,402333E+22
1854	1,795707E+22	2,115227E+22	2,291465E+22	2,291425E+22	2,115164E+22	1,795670E+22	1,402304E+22	1,040495E+22	8,234114E+21	8,234012E+21	1,040471E+22	1,402279E+22
1855	1,795665E+22	2,115210E+22	2,291510E+22	2,291527E+22	2,115246E+22	1,795715E+22	1,402324E+22	1,040490E+22	8,233975E+21	8,233872E+21	1,040459E+22	1,402285E+22
1856	1,795715E+22	2,115300E+22	2,291602E+22	2,291598E+22	2,115254E+22	1,795649E+22	1,402248E+22	1,040446E+22	8,233814E+21	8,233946E+21	1,040482E+22	1,402297E+22
1857	1,795688E+22	2,115226E+22	2,291465E+22	2,291461E+22	2,115219E+22	1,795685E+22	1,402286E+22	1,040472E+22	8,233915E+21	8,233861E+21	1,040461E+22	1,402270E+22
1858	1,795661E+22	2,115232E+22	2,291553E+22	2,291571E+22	2,115294E+22	1,795734E+22	1,402304E+22	1,040466E+22	8,233898E+21	8,233975E+21	1,040485E+22	1,402313E+22
1859	1,795718E+22	2,115264E+22	2,291543E+22	2,291525E+22	2,115207E+22	1,795659E+22	1,402286E+22	1,040483E+22	8,234114E+21	8,234159E+21	1,040493E+22	1,402299E+22
1860	1,795673E+22	2,115178E+22	2,291421E+22	2,291448E+22	2,115211E+22	1,795699E+22	1,402338E+22	1,040541E+22	8,234596E+21	8,234401E+21	1,040486E+22	1,402271E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795664E+22	2,115244E+22	2,291546E+22	2,291545E+22	2,115258E+22	1,795697E+22	1,402307E+22	1,040522E+22	8,234760E+21	8,234894E+21	1,040556E+22	1,402333E+22
1862	1,795678E+22	2,115192E+22	2,291444E+22	2,291410E+22	2,115134E+22	1,795642E+22	1,402317E+22	1,040565E+22	8,235239E+21	8,235250E+21	1,040568E+22	1,402316E+22
1863	1,795627E+22	2,115109E+22	2,291382E+22	2,291421E+22	2,115188E+22	1,795704E+22	1,402372E+22	1,040605E+22	8,235559E+21	8,235480E+21	1,040580E+22	1,402333E+22
1864	1,795676E+22	2,115190E+22	2,291462E+22	2,291476E+22	2,115192E+22	1,795653E+22	1,402317E+22	1,040582E+22	8,235650E+21	8,235833E+21	1,040630E+22	1,402375E+22
1865	1,795685E+22	2,115145E+22	2,291331E+22	2,291300E+22	2,115089E+22	1,795645E+22	1,402352E+22	1,040625E+22	8,235940E+21	8,235869E+21	1,040609E+22	1,402338E+22
1866	1,795645E+22	2,115137E+22	2,291406E+22	2,291412E+22	2,115168E+22	1,795693E+22	1,402374E+22	1,040629E+22	8,235984E+21	8,235933E+21	1,040615E+22	1,402354E+22
1867	1,795688E+22	2,115196E+22	2,291453E+22	2,291430E+22	2,115128E+22	1,795619E+22	1,402325E+22	1,040612E+22	8,235953E+21	8,236015E+21	1,040627E+22	1,402347E+22
1868	1,795642E+22	2,115105E+22	2,291330E+22	2,291349E+22	2,115138E+22	1,795663E+22	1,402359E+22	1,040632E+22	8,235975E+21	8,235809E+21	1,040591E+22	1,402309E+22
1869	1,795620E+22	2,115143E+22	2,291450E+22	2,291477E+22	2,115228E+22	1,795706E+22	1,402343E+22	1,040584E+22	8,235576E+21	8,235699E+21	1,040617E+22	1,402367E+22
1870	1,795677E+22	2,115149E+22	2,291393E+22	2,291381E+22	2,115121E+22	1,795643E+22	1,402332E+22	1,040585E+22	8,235443E+21	8,235448E+21	1,040586E+22	1,402335E+22
1871	1,795648E+22	2,115109E+22	2,291345E+22	2,291375E+22	2,115165E+22	1,795696E+22	1,402372E+22	1,040598E+22	8,235303E+21	8,235086E+21	1,040540E+22	1,402306E+22
1872	1,795675E+22	2,115221E+22	2,291499E+22	2,291495E+22	2,115215E+22	1,795666E+22	1,402302E+22	1,040537E+22	8,234946E+21	8,235036E+21	1,040561E+22	1,402336E+22
1873	1,795690E+22	2,115204E+22	2,291431E+22	2,291377E+22	2,115114E+22	1,795632E+22	1,402301E+22	1,040537E+22	8,234831E+21	8,234781E+21	1,040527E+22	1,402295E+22
1874	1,795640E+22	2,115164E+22	2,291468E+22	2,291493E+22	2,115221E+22	1,795694E+22	1,402325E+22	1,040533E+22	8,234706E+21	8,234638E+21	1,040516E+22	1,402303E+22
1875	1,795686E+22	2,115233E+22	2,291524E+22	2,291534E+22	2,115227E+22	1,795651E+22	1,402277E+22	1,040501E+22	8,234550E+21	8,234705E+21	1,040541E+22	1,402325E+22
1876	1,795674E+22	2,115170E+22	2,291398E+22	2,291399E+22	2,115180E+22	1,795676E+22	1,402318E+22	1,040536E+22	8,234703E+21	8,234594E+21	1,040510E+22	1,402287E+22
1877	1,795645E+22	2,115184E+22	2,291490E+22	2,291508E+22	2,115252E+22	1,795724E+22	1,402334E+22	1,040535E+22	8,234752E+21	8,234783E+21	1,040542E+22	1,402332E+22
1878	1,795695E+22	2,115209E+22	2,291467E+22	2,291437E+22	2,115141E+22	1,795637E+22	1,402314E+22	1,040557E+22	8,235114E+21	8,235141E+21	1,040561E+22	1,402319E+22
1879	1,795649E+22	2,115130E+22	2,291365E+22	2,291374E+22	2,115143E+22	1,795670E+22	1,402364E+22	1,040613E+22	8,235592E+21	8,235397E+21	1,040558E+22	1,402292E+22
1880	1,795628E+22	2,115165E+22	2,291464E+22	2,291480E+22	2,115216E+22	1,795675E+22	1,402324E+22	1,040589E+22	8,235755E+21	8,235913E+21	1,040630E+22	1,402363E+22
1881	1,795666E+22	2,115140E+22	2,291358E+22	2,291319E+22	2,115074E+22	1,795619E+22	1,402330E+22	1,040617E+22	8,236078E+21	8,236175E+21	1,040644E+22	1,402358E+22
1882	1,795630E+22	2,115069E+22	2,291312E+22	2,291342E+22	2,115127E+22	1,795675E+22	1,402386E+22	1,040664E+22	8,236410E+21	8,236311E+21	1,040640E+22	1,402358E+22
1883	1,795669E+22	2,115152E+22	2,291395E+22	2,291395E+22	2,115134E+22	1,795632E+22	1,402342E+22	1,040648E+22	8,236519E+21	8,236652E+21	1,040684E+22	1,402391E+22
1884	1,795668E+22	2,115107E+22	2,291295E+22	2,291256E+22	2,115040E+22	1,795617E+22	1,402368E+22	1,040685E+22	8,236770E+21	8,236646E+21	1,040655E+22	1,402340E+22
1885	1,795608E+22	2,115081E+22	2,291361E+22	2,291383E+22	2,115146E+22	1,795681E+22	1,402391E+22	1,040684E+22	8,236747E+21	8,236714E+21	1,040673E+22	1,402368E+22
1886	1,795649E+22	2,115119E+22	2,291368E+22	2,291364E+22	2,115097E+22	1,795617E+22	1,402349E+22	1,040667E+22	8,236743E+21	8,236838E+21	1,040690E+22	1,402372E+22
1887	1,795620E+22	2,115045E+22	2,291254E+22	2,291266E+22	2,115084E+22	1,795663E+22	1,402396E+22	1,040691E+22	8,236714E+21	8,236542E+21	1,040646E+22	1,402333E+22
1888	1,795604E+22	2,115082E+22	2,291366E+22	2,291400E+22	2,115179E+22	1,795694E+22	1,402372E+22	1,040648E+22	8,236361E+21	8,236421E+21	1,040662E+22	1,402384E+22
1889	1,795680E+22	2,115132E+22	2,291335E+22	2,291296E+22	2,115050E+22	1,795608E+22	1,402339E+22	1,040632E+22	8,236162E+21	8,236173E+21	1,040637E+22	1,402356E+22
1890	1,795645E+22	2,115091E+22	2,291314E+22	2,291325E+22	2,115106E+22	1,795654E+22	1,402371E+22	1,040645E+22	8,236052E+21	8,235820E+21	1,040589E+22	1,402316E+22
1891	1,795652E+22	2,115180E+22	2,291457E+22	2,291455E+22	2,115178E+22	1,795640E+22	1,402310E+22	1,040585E+22	8,235681E+21	8,235798E+21	1,040618E+22	1,402356E+22
1892	1,795666E+22	2,115149E+22	2,291388E+22	2,291350E+22	2,115090E+22	1,795616E+22	1,402308E+22	1,040578E+22	8,235503E+21	8,235486E+21	1,040579E+22	1,402315E+22
1893	1,795619E+22	2,115105E+22	2,291404E+22	2,291448E+22	2,115204E+22	1,795702E+22	1,402351E+22	1,040581E+22	8,235347E+21	8,235327E+21	1,040573E+22	1,402331E+22
1894	1,795673E+22	2,115178E+22	2,291438E+22	2,291447E+22	2,115175E+22	1,795647E+22	1,402310E+22	1,040566E+22	8,235362E+21	8,235482E+21	1,040595E+22	1,402345E+22
1895	1,795664E+22	2,115133E+22	2,291336E+22	2,291310E+22	2,115105E+22	1,795659E+22	1,402354E+22	1,040611E+22	8,235639E+21	8,235450E+21	1,040562E+22	1,402294E+22
1896	1,795614E+22	2,115125E+22	2,291423E+22	2,291442E+22	2,115198E+22	1,795700E+22	1,402360E+22	1,040610E+22	8,235779E+21	8,235758E+21	1,040600E+22	1,402339E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795667E+22	2,115158E+22	2,291397E+22	2,291364E+22	2,115079E+22	1,795600E+22	1,402319E+22	1,040615E+22	8,236059E+21	8,236156E+21	1,040639E+22	1,402349E+22
1898	1,795624E+22	2,115066E+22	2,291292E+22	2,291309E+22	2,115093E+22	1,795640E+22	1,402370E+22	1,040670E+22	8,236507E+21	8,236351E+21	1,040632E+22	1,402327E+22
1899	1,795611E+22	2,115098E+22	2,291372E+22	2,291395E+22	2,115162E+22	1,795662E+22	1,402351E+22	1,040652E+22	8,236617E+21	8,236805E+21	1,040701E+22	1,402401E+22
1900	1,795662E+22	2,115090E+22	2,291293E+22	2,291253E+22	2,115017E+22	1,795596E+22	1,402352E+22	1,040680E+22	8,236908E+21	8,236964E+21	1,040698E+22	1,402379E+22
1901	1,795622E+22	2,115036E+22	2,291261E+22	2,291285E+22	2,115085E+22	1,795663E+22	1,402411E+22	1,040725E+22	8,237221E+21	8,237113E+21	1,040696E+22	1,402373E+22
1902	1,795646E+22	2,115107E+22	2,291334E+22	2,291324E+22	2,115078E+22	1,795617E+22	1,402370E+22	1,040717E+22	8,237440E+21	8,237550E+21	1,040744E+22	1,402403E+22
1903	1,795638E+22	2,115058E+22	2,291245E+22	2,291201E+22	2,114993E+22	1,795605E+22	1,402395E+22	1,040752E+22	8,237677E+21	8,237532E+21	1,040716E+22	1,402353E+22
1904	1,795569E+22	2,115001E+22	2,291277E+22	2,291329E+22	2,115121E+22	1,795677E+22	1,402416E+22	1,040745E+22	8,237622E+21	8,237583E+21	1,040732E+22	1,402388E+22
1905	1,795635E+22	2,115065E+22	2,291279E+22	2,291275E+22	2,115039E+22	1,795600E+22	1,402366E+22	1,040717E+22	8,237472E+21	8,237623E+21	1,040754E+22	1,402408E+22
1906	1,795622E+22	2,115010E+22	2,291190E+22	2,291190E+22	2,115016E+22	1,795628E+22	1,402407E+22	1,040745E+22	8,237446E+21	8,237232E+21	1,040695E+22	1,402354E+22
1907	1,795601E+22	2,115053E+22	2,291308E+22	2,291324E+22	2,115111E+22	1,795664E+22	1,402388E+22	1,040702E+22	8,237103E+21	8,237134E+21	1,040710E+22	1,402398E+22
1908	1,795666E+22	2,115103E+22	2,291312E+22	2,291268E+22	2,115003E+22	1,795573E+22	1,402341E+22	1,040675E+22	8,236840E+21	8,236849E+21	1,040681E+22	1,402361E+22
1909	1,795620E+22	2,115051E+22	2,291282E+22	2,291309E+22	2,115091E+22	1,795640E+22	1,402373E+22	1,040680E+22	8,236656E+21	8,236506E+21	1,040643E+22	1,402332E+22
1910	1,795620E+22	2,115115E+22	2,291382E+22	2,291397E+22	2,115152E+22	1,795644E+22	1,402332E+22	1,040633E+22	8,236381E+21	8,236530E+21	1,040674E+22	1,402379E+22
1911	1,795649E+22	2,115096E+22	2,291319E+22	2,291282E+22	2,115049E+22	1,795623E+22	1,402345E+22	1,040638E+22	8,236234E+21	8,236185E+21	1,040628E+22	1,402332E+22
1912	1,795600E+22	2,115043E+22	2,291319E+22	2,291376E+22	2,115161E+22	1,795697E+22	1,402388E+22	1,040652E+22	8,236217E+21	8,236103E+21	1,040617E+22	1,402339E+22
1913	1,795662E+22	2,115143E+22	2,291368E+22	2,291357E+22	2,115103E+22	1,795621E+22	1,402331E+22	1,040629E+22	8,236245E+21	8,236361E+21	1,040656E+22	1,402364E+22
1914	1,795647E+22	2,115095E+22	2,291287E+22	2,291248E+22	2,115034E+22	1,795615E+22	1,402364E+22	1,040676E+22	8,236582E+21	8,236382E+21	1,040628E+22	1,402312E+22
1915	1,795584E+22	2,115064E+22	2,291349E+22	2,291374E+22	2,115142E+22	1,795671E+22	1,402373E+22	1,040672E+22	8,236721E+21	8,236749E+21	1,040677E+22	1,402371E+22
1916	1,795644E+22	2,115092E+22	2,291329E+22	2,291310E+22	2,115035E+22	1,795576E+22	1,402327E+22	1,040665E+22	8,236889E+21	8,237055E+21	1,040710E+22	1,402384E+22
1917	1,795618E+22	2,115014E+22	2,291216E+22	2,291243E+22	2,115053E+22	1,795632E+22	1,402391E+22	1,040721E+22	8,237256E+21	8,237177E+21	1,040701E+22	1,402363E+22
1918	1,795608E+22	2,115054E+22	2,291290E+22	2,291303E+22	2,115096E+22	1,795647E+22	1,402384E+22	1,040723E+22	8,237519E+21	8,237656E+21	1,040759E+22	1,402424E+22
1919	1,795656E+22	2,115064E+22	2,291245E+22	2,291182E+22	2,114952E+22	1,795578E+22	1,402384E+22	1,040754E+22	8,237860E+21	8,237834E+21	1,040748E+22	1,402382E+22
1920	1,795587E+22	2,114980E+22	2,291206E+22	2,291239E+22	2,115046E+22	1,795648E+22	1,402440E+22	1,040799E+22	8,238221E+21	8,238048E+21	1,040749E+22	1,402372E+22
1921	1,795609E+22	2,115051E+22	2,291267E+22	2,291263E+22	2,115033E+22	1,795597E+22	1,402384E+22	1,040774E+22	8,238330E+21	8,238492E+21	1,040814E+22	1,402426E+22
1922	1,795607E+22	2,114989E+22	2,291168E+22	2,291140E+22	2,114949E+22	1,795586E+22	1,402413E+22	1,040810E+22	8,238514E+21	8,238388E+21	1,040782E+22	1,402381E+22
1923	1,795549E+22	2,114932E+22	2,291179E+22	2,291243E+22	2,115068E+22	1,795668E+22	1,402445E+22	1,040806E+22	8,238408E+21	8,238377E+21	1,040794E+22	1,402420E+22
1924	1,795628E+22	2,115019E+22	2,291215E+22	2,291209E+22	2,114979E+22	1,795570E+22	1,402380E+22	1,040768E+22	8,238185E+21	8,238311E+21	1,040802E+22	1,402429E+22
1925	1,795619E+22	2,114986E+22	2,291145E+22	2,291137E+22	2,114970E+22	1,795606E+22	1,402418E+22	1,040788E+22	8,238089E+21	8,237919E+21	1,040747E+22	1,402371E+22
1926	1,795585E+22	2,115021E+22	2,291263E+22	2,291267E+22	2,115055E+22	1,795638E+22	1,402401E+22	1,040752E+22	8,237829E+21	8,237870E+21	1,040763E+22	1,402413E+22
1927	1,795644E+22	2,115064E+22	2,291271E+22	2,291228E+22	2,114968E+22	1,795560E+22	1,402355E+22	1,040723E+22	8,237548E+21	8,237569E+21	1,040731E+22	1,402374E+22
1928	1,795589E+22	2,114987E+22	2,291211E+22	2,291266E+22	2,115077E+22	1,795646E+22	1,402398E+22	1,040730E+22	8,237371E+21	8,237223E+21	1,040690E+22	1,402348E+22
1929	1,795611E+22	2,115071E+22	2,291302E+22	2,291315E+22	2,115100E+22	1,795636E+22	1,402356E+22	1,040682E+22	8,237065E+21	8,237241E+21	1,040728E+22	1,402404E+22
1930	1,795645E+22	2,115063E+22	2,291257E+22	2,291211E+22	2,114984E+22	1,795593E+22	1,402367E+22	1,040702E+22	8,237041E+21	8,236915E+21	1,040675E+22	1,402345E+22
1931	1,795584E+22	2,115003E+22	2,291250E+22	2,291298E+22	2,115094E+22	1,795670E+22	1,402412E+22	1,040719E+22	8,237112E+21	8,236961E+21	1,040674E+22	1,402349E+22
1932	1,795630E+22	2,115092E+22	2,291323E+22	2,291315E+22	2,115047E+22	1,795582E+22	1,402338E+22	1,040684E+22	8,237099E+21	8,237237E+21	1,040717E+22	1,402378E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795616E+22	2,115038E+22	2,291228E+22	2,291208E+22	2,115004E+22	1,795596E+22	1,402372E+22	1,040722E+22	8,237363E+21	8,237282E+21	1,040702E+22	1,402341E+22
1934	1,795557E+22	2,114996E+22	2,291260E+22	2,291292E+22	2,115089E+22	1,795661E+22	1,402400E+22	1,040733E+22	8,237585E+21	8,237659E+21	1,040750E+22	1,402407E+22
1935	1,795636E+22	2,115044E+22	2,291251E+22	2,291229E+22	2,114981E+22	1,795571E+22	1,402362E+22	1,040733E+22	8,237771E+21	8,237910E+21	1,040770E+22	1,402409E+22
1936	1,795606E+22	2,114967E+22	2,291140E+22	2,291172E+22	2,115008E+22	1,795623E+22	1,402425E+22	1,040796E+22	8,238221E+21	8,238055E+21	1,040752E+22	1,402375E+22
1937	1,795600E+22	2,115023E+22	2,291226E+22	2,291222E+22	2,115027E+22	1,795622E+22	1,402408E+22	1,040791E+22	8,238478E+21	8,238606E+21	1,040823E+22	1,402441E+22
1938	1,795633E+22	2,115022E+22	2,291200E+22	2,291136E+22	2,114895E+22	1,795540E+22	1,402402E+22	1,040826E+22	8,238841E+21	8,238786E+21	1,040814E+22	1,402397E+22
1939	1,795550E+22	2,114909E+22	2,291124E+22	2,291176E+22	2,115004E+22	1,795631E+22	1,402461E+22	1,040865E+22	8,239168E+21	8,239031E+21	1,040824E+22	1,402398E+22
1940	1,795573E+22	2,114974E+22	2,291191E+22	2,291206E+22	2,114993E+22	1,795584E+22	1,402401E+22	1,040825E+22	8,239109E+21	8,239333E+21	1,040881E+22	1,402459E+22
1941	1,795598E+22	2,114937E+22	2,291089E+22	2,291068E+22	2,114904E+22	1,795574E+22	1,402433E+22	1,040855E+22	8,239175E+21	8,239128E+21	1,040845E+22	1,402413E+22
1942	1,795545E+22	2,114893E+22	2,291099E+22	2,291143E+22	2,114991E+22	1,795642E+22	1,402471E+22	1,040867E+22	8,239184E+21	8,239108E+21	1,040845E+22	1,402442E+22
1943	1,795625E+22	2,115000E+22	2,291171E+22	2,291144E+22	2,114920E+22	1,795546E+22	1,402397E+22	1,040823E+22	8,238945E+21	8,239019E+21	1,040845E+22	1,402433E+22
1944	1,795593E+22	2,114946E+22	2,291103E+22	2,291104E+22	2,114940E+22	1,795586E+22	1,402429E+22	1,040839E+22	8,238838E+21	8,238638E+21	1,040788E+22	1,402374E+22
1945	1,795561E+22	2,114978E+22	2,291208E+22	2,291218E+22	2,115019E+22	1,795620E+22	1,402409E+22	1,040793E+22	8,238501E+21	8,238603E+21	1,040820E+22	1,402435E+22
1946	1,795623E+22	2,115013E+22	2,291214E+22	2,291185E+22	2,114934E+22	1,795544E+22	1,402374E+22	1,040772E+22	8,238209E+21	8,238230E+21	1,040781E+22	1,402394E+22
1947	1,795570E+22	2,114931E+22	2,291128E+22	2,291192E+22	2,115033E+22	1,795641E+22	1,402431E+22	1,040789E+22	8,238101E+21	8,237929E+21	1,040741E+22	1,402364E+22
1948	1,795589E+22	2,115025E+22	2,291246E+22	2,291256E+22	2,115048E+22	1,795615E+22	1,402376E+22	1,040737E+22	8,237800E+21	8,237941E+21	1,040773E+22	1,402415E+22
1949	1,795629E+22	2,115030E+22	2,291206E+22	2,291155E+22	2,114938E+22	1,795571E+22	1,402384E+22	1,040753E+22	8,237797E+21	8,237726E+21	1,040735E+22	1,402359E+22
1950	1,795556E+22	2,114954E+22	2,291186E+22	2,291226E+22	2,115031E+22	1,795640E+22	1,402432E+22	1,040784E+22	8,238015E+21	8,237875E+21	1,040742E+22	1,402375E+22
1951	1,795606E+22	2,115037E+22	2,291256E+22	2,291256E+22	2,115007E+22	1,795565E+22	1,402354E+22	1,040743E+22	8,237984E+21	8,238154E+21	1,040787E+22	1,402407E+22
1952	1,795592E+22	2,114970E+22	2,291144E+22	2,291145E+22	2,114973E+22	1,795593E+22	1,402397E+22	1,040781E+22	8,238223E+21	8,238163E+21	1,040766E+22	1,402374E+22
1953	1,795560E+22	2,114957E+22	2,291178E+22	2,291199E+22	2,115020E+22	1,795639E+22	1,402424E+22	1,040793E+22	8,238429E+21	8,238531E+21	1,040818E+22	1,402442E+22
1954	1,795637E+22	2,115017E+22	2,291194E+22	2,291157E+22	2,114912E+22	1,795534E+22	1,402386E+22	1,040806E+22	8,238706E+21	8,238774E+21	1,040826E+22	1,402424E+22
1955	1,795587E+22	2,114927E+22	2,291080E+22	2,291104E+22	2,114950E+22	1,795600E+22	1,402453E+22	1,040870E+22	8,239223E+21	8,239029E+21	1,040815E+22	1,402383E+22
1956	1,795556E+22	2,114964E+22	2,291180E+22	2,291183E+22	2,114982E+22	1,795592E+22	1,402421E+22	1,040852E+22	8,239394E+21	8,239538E+21	1,040888E+22	1,402454E+22
1957	1,795594E+22	2,114952E+22	2,291127E+22	2,291088E+22	2,114873E+22	1,795533E+22	1,402421E+22	1,040878E+22	8,239663E+21	8,239711E+21	1,040889E+22	1,402424E+22
1958	1,795518E+22	2,114833E+22	2,291022E+22	2,291083E+22	2,114951E+22	1,795625E+22	1,402495E+22	1,040930E+22	8,240016E+21	8,239898E+21	1,040893E+22	1,402435E+22
1959	1,795562E+22	2,114917E+22	2,291100E+22	2,291114E+22	2,114936E+22	1,795572E+22	1,402433E+22	1,040890E+22	8,239927E+21	8,240103E+21	1,040936E+22	1,402482E+22
1960	1,795588E+22	2,114894E+22	2,291017E+22	2,290993E+22	2,114853E+22	1,795559E+22	1,402459E+22	1,040918E+22	8,239992E+21	8,239870E+21	1,040888E+22	1,402427E+22
1961	1,795545E+22	2,114875E+22	2,291051E+22	2,291067E+22	2,114916E+22	1,795603E+22	1,402481E+22	1,040918E+22	8,239951E+21	8,239891E+21	1,040900E+22	1,402459E+22
1962	1,795610E+22	2,114973E+22	2,291143E+22	2,291110E+22	2,114871E+22	1,795504E+22	1,402402E+22	1,040876E+22	8,239696E+21	8,239759E+21	1,040897E+22	1,402446E+22
1963	1,795565E+22	2,114894E+22	2,291045E+22	2,291061E+22	2,114916E+22	1,795574E+22	1,402441E+22	1,040885E+22	8,239553E+21	8,239395E+21	1,040846E+22	1,402394E+22
1964	1,795530E+22	2,114918E+22	2,291151E+22	2,291174E+22	2,114991E+22	1,795611E+22	1,402425E+22	1,040832E+22	8,239092E+21	8,239233E+21	1,040868E+22	1,402456E+22
1965	1,795611E+22	2,114970E+22	2,291150E+22	2,291128E+22	2,114904E+22	1,795539E+22	1,402398E+22	1,040816E+22	8,238801E+21	8,238862E+21	1,040830E+22	1,402410E+22
1966	1,795556E+22	2,114892E+22	2,291058E+22	2,291104E+22	2,114966E+22	1,795621E+22	1,402461E+22	1,040855E+22	8,238895E+21	8,238659E+21	1,040789E+22	1,402378E+22
1967	1,795568E+22	2,114986E+22	2,291192E+22	2,291193E+22	2,114997E+22	1,795594E+22	1,402397E+22	1,040800E+22	8,238651E+21	8,238747E+21	1,040824E+22	1,402420E+22
1968	1,795592E+22	2,114973E+22	2,291148E+22	2,291109E+22	2,114908E+22	1,795554E+22	1,402400E+22	1,040811E+22	8,238664E+21	8,238590E+21	1,040793E+22	1,402378E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795536E+22	2,114898E+22	2,291110E+22	2,291152E+22	2,114978E+22	1,795614E+22	1,402443E+22	1,040835E+22	8,238845E+21	8,238789E+21	1,040818E+22	1,402414E+22
1970	1,795596E+22	2,114986E+22	2,291186E+22	2,291189E+22	2,114954E+22	1,795540E+22	1,402377E+22	1,040804E+22	8,238806E+21	8,238986E+21	1,040853E+22	1,402442E+22
1971	1,795586E+22	2,114922E+22	2,291062E+22	2,291060E+22	2,114917E+22	1,795576E+22	1,402427E+22	1,040848E+22	8,239106E+21	8,239029E+21	1,040829E+22	1,402398E+22
1972	1,795543E+22	2,114917E+22	2,291127E+22	2,291135E+22	2,114963E+22	1,795612E+22	1,402445E+22	1,040856E+22	8,239290E+21	8,239363E+21	1,040873E+22	1,402457E+22
1973	1,795620E+22	2,114982E+22	2,291150E+22	2,291107E+22	2,114870E+22	1,795514E+22	1,402405E+22	1,040864E+22	8,239570E+21	8,239686E+21	1,040891E+22	1,402434E+22
1974	1,795548E+22	2,114867E+22	2,291011E+22	2,291032E+22	2,114893E+22	1,795578E+22	1,402481E+22	1,040944E+22	8,240217E+21	8,240015E+21	1,040888E+22	1,402406E+22
1975	1,795520E+22	2,114889E+22	2,291095E+22	2,291117E+22	2,114952E+22	1,795588E+22	1,402447E+22	1,040918E+22	8,240330E+21	8,240478E+21	1,040956E+22	1,402479E+22
1976	1,795566E+22	2,114877E+22	2,291029E+22	2,291009E+22	2,114836E+22	1,795533E+22	1,402454E+22	1,040943E+22	8,240535E+21	8,240564E+21	1,040951E+22	1,402458E+22
1977	1,795521E+22	2,114789E+22	2,290933E+22	2,290974E+22	2,114867E+22	1,795592E+22	1,402518E+22	1,040993E+22	8,240857E+21	8,240727E+21	1,040956E+22	1,402469E+22
1978	1,795566E+22	2,114894E+22	2,291050E+22	2,291039E+22	2,114857E+22	1,795525E+22	1,402449E+22	1,040956E+22	8,240765E+21	8,240871E+21	1,040985E+22	1,402496E+22
1979	1,795572E+22	2,114862E+22	2,290973E+22	2,290936E+22	2,114797E+22	1,795525E+22	1,402470E+22	1,040974E+22	8,240814E+21	8,240686E+21	1,040943E+22	1,402434E+22
1980	1,795506E+22	2,114830E+22	2,291026E+22	2,291044E+22	2,114883E+22	1,795572E+22	1,402480E+22	1,040958E+22	8,240629E+21	8,240613E+21	1,040952E+22	1,402472E+22
1981	1,795581E+22	2,114920E+22	2,291091E+22	2,291078E+22	2,114865E+22	1,795503E+22	1,402413E+22	1,040909E+22	8,240287E+21	8,240456E+21	1,040952E+22	1,402463E+22
1982	1,795537E+22	2,114832E+22	2,290968E+22	2,290987E+22	2,114879E+22	1,795576E+22	1,402476E+22	1,040941E+22	8,240241E+21	8,240068E+21	1,040897E+22	1,402418E+22
1983	1,795516E+22	2,114865E+22	2,291073E+22	2,291103E+22	2,114957E+22	1,795610E+22	1,402457E+22	1,040894E+22	8,239825E+21	8,239883E+21	1,040908E+22	1,402466E+22
1984	1,795591E+22	2,114923E+22	2,291084E+22	2,291061E+22	2,114865E+22	1,795533E+22	1,402428E+22	1,040880E+22	8,239601E+21	8,239576E+21	1,040872E+22	1,402424E+22
1985	1,795546E+22	2,114858E+22	2,291003E+22	2,291022E+22	2,114891E+22	1,795583E+22	1,402476E+22	1,040913E+22	8,239724E+21	8,239512E+21	1,040853E+22	1,402403E+22
1986	1,795551E+22	2,114942E+22	2,291144E+22	2,291139E+22	2,114939E+22	1,795551E+22	1,402407E+22	1,040860E+22	8,239495E+21	8,239608E+21	1,040890E+22	1,402447E+22
1987	1,795571E+22	2,114914E+22	2,291076E+22	2,291047E+22	2,114871E+22	1,795537E+22	1,402413E+22	1,040863E+22	8,239486E+21	8,239487E+21	1,040867E+22	1,402413E+22
1988	1,795519E+22	2,114848E+22	2,291052E+22	2,291089E+22	2,114929E+22	1,795589E+22	1,402452E+22	1,040880E+22	8,239546E+21	8,239550E+21	1,040878E+22	1,402448E+22
1989	1,795598E+22	2,114953E+22	2,291123E+22	2,291119E+22	2,114908E+22	1,795524E+22	1,402397E+22	1,040856E+22	8,239546E+21	8,239753E+21	1,040908E+22	1,402461E+22
1990	1,795575E+22	2,114888E+22	2,291003E+22	2,290979E+22	2,114851E+22	1,795553E+22	1,402457E+22	1,040922E+22	8,240033E+21	8,239877E+21	1,040883E+22	1,402410E+22
1991	1,795516E+22	2,114868E+22	2,291069E+22	2,291079E+22	2,114922E+22	1,795593E+22	1,402470E+22	1,040928E+22	8,240265E+21	8,240275E+21	1,040926E+22	1,402457E+22
1992	1,795571E+22	2,114910E+22	2,291081E+22	2,291058E+22	2,114848E+22	1,795510E+22	1,402435E+22	1,040936E+22	8,240555E+21	8,240636E+21	1,040954E+22	1,402453E+22
1993	1,795517E+22	2,114793E+22	2,290921E+22	2,290942E+22	2,114836E+22	1,795561E+22	1,402506E+22	1,041009E+22	8,241159E+21	8,241013E+21	1,040967E+22	1,402445E+22
1994	1,795503E+22	2,114821E+22	2,291006E+22	2,291030E+22	2,114887E+22	1,795563E+22	1,402478E+22	1,040991E+22	8,241238E+21	8,241373E+21	1,041023E+22	1,402511E+22
1995	1,795556E+22	2,114822E+22	2,290940E+22	2,290915E+22	2,114773E+22	1,795511E+22	1,402479E+22	1,041011E+22	8,241451E+21	8,241458E+21	1,041015E+22	1,402482E+22
1996	1,795507E+22	2,114756E+22	2,290887E+22	2,290906E+22	2,114798E+22	1,795551E+22	1,402524E+22	1,041046E+22	8,241652E+21	8,241524E+21	1,041011E+22	1,402488E+22
1997	1,795557E+22	2,114868E+22	2,291015E+22	2,290994E+22	2,114814E+22	1,795497E+22	1,402455E+22	1,041000E+22	8,241500E+21	8,241674E+21	1,041042E+22	1,402509E+22
1998	1,795544E+22	2,114814E+22	2,290926E+22	2,290889E+22	2,114757E+22	1,795504E+22	1,402485E+22	1,041028E+22	8,241588E+21	8,241474E+21	1,041002E+22	1,402457E+22
1999	1,795481E+22	2,114768E+22	2,290958E+22	2,291001E+22	2,114874E+22	1,795576E+22	1,402499E+22	1,041006E+22	8,241323E+21	8,241312E+21	1,041002E+22	1,402489E+22
2000	1,795559E+22	2,114860E+22	2,291015E+22	2,291020E+22	2,114848E+22	1,795518E+22	1,402448E+22	1,040963E+22	8,240952E+21	8,241073E+21	1,040994E+22	1,402486E+22
2001	1,795537E+22	2,114793E+22	2,290894E+22	2,290893E+22	2,114808E+22	1,795555E+22	1,402502E+22	1,041000E+22	8,240978E+21	8,240772E+21	1,040947E+22	1,402441E+22
2002	1,795512E+22	2,114834E+22	2,291023E+22	2,291035E+22	2,114887E+22	1,795574E+22	1,402478E+22	1,040958E+22	8,240627E+21	8,240614E+21	1,040953E+22	1,402474E+22
2003	1,795568E+22	2,114880E+22	2,291032E+22	2,291001E+22	2,114810E+22	1,795502E+22	1,402439E+22	1,040937E+22	8,240443E+21	8,240427E+21	1,040931E+22	1,402435E+22
2004	1,795509E+22	2,114807E+22	2,290964E+22	2,290981E+22	2,114845E+22	1,795546E+22	1,402472E+22	1,040954E+22	8,240441E+21	8,240298E+21	1,040915E+22	1,402430E+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°
2005	1,795535E+22	2,114892E+22	2,291085E+22	2,291090E+22	2,114910E+22	1,795539E+22	1,402414E+22	1,040895E+22	8,240148E+21	8,240373E+21	1,040952E+22	1,402475E+22
2006	1,795556E+22	2,114859E+22	2,291000E+22	2,290966E+22	2,114816E+22	1,795525E+22	1,402441E+22	1,040922E+22	8,240247E+21	8,240242E+21	1,040923E+22	1,402441E+22
2007	1,795513E+22	2,114803E+22	2,290979E+22	2,291020E+22	2,114892E+22	1,795582E+22	1,402480E+22	1,040945E+22	8,240371E+21	8,240293E+21	1,040922E+22	1,402455E+22
2008	1,795578E+22	2,114912E+22	2,291066E+22	2,291056E+22	2,114872E+22	1,795521E+22	1,402430E+22	1,040927E+22	8,240460E+21	8,240569E+21	1,040956E+22	1,402470E+22
2009	1,795553E+22	2,114841E+22	2,290946E+22	2,290904E+22	2,114781E+22	1,795521E+22	1,402481E+22	1,040995E+22	8,241046E+21	8,240886E+21	1,040954E+22	1,402432E+22
2010	1,795485E+22	2,114801E+22	2,291003E+22	2,291023E+22	2,114870E+22	1,795564E+22	1,402493E+22	1,041004E+22	8,241287E+21	8,241291E+21	1,041000E+22	1,402480E+22
2011	1,795535E+22	2,114826E+22	2,290985E+22	2,290980E+22	2,114805E+22	1,795502E+22	1,402461E+22	1,041004E+22	8,241544E+21	8,241683E+21	1,041036E+22	1,402487E+22
2012	1,795493E+22	2,114729E+22	2,290843E+22	2,290855E+22	2,114767E+22	1,795533E+22	1,402523E+22	1,041066E+22	8,241984E+21	8,241886E+21	1,041037E+22	1,402485E+22
2013	1,795508E+22	2,114785E+22	2,290935E+22	2,290945E+22	2,114821E+22	1,795536E+22	1,402494E+22	1,041045E+22	8,242052E+21	8,242214E+21	1,041083E+22	1,402534E+22
2014	1,795548E+22	2,114790E+22	2,290884E+22	2,290835E+22	2,114700E+22	1,795478E+22	1,402499E+22	1,041077E+22	8,242339E+21	8,242312E+21	1,041071E+22	1,402500E+22
2015	1,795490E+22	2,114715E+22	2,290839E+22	2,290865E+22	2,114767E+22	1,795529E+22	1,402534E+22	1,041101E+22	8,242477E+21	8,242326E+21	1,041061E+22	1,402493E+22
2016	1,795522E+22	2,114811E+22	2,290960E+22	2,290961E+22	2,114805E+22	1,795501E+22	1,402477E+22	1,041054E+22	8,242265E+21	8,242412E+21	1,041094E+22	1,402529E+22
2017	1,795523E+22	2,114754E+22	2,290855E+22	2,290822E+22	2,114714E+22	1,795498E+22	1,402510E+22	1,041081E+22	8,242321E+21	8,242241E+21	1,041062E+22	1,402487E+22
2018	1,795471E+22	2,114713E+22	2,290884E+22	2,290931E+22	2,114820E+22	1,795563E+22	1,402534E+22	1,041070E+22	8,242056E+21	8,241990E+21	1,041047E+22	1,402504E+22
2019	1,795544E+22	2,114811E+22	2,290940E+22	2,290942E+22	2,114797E+22	1,795509E+22	1,402477E+22	1,041026E+22	8,241749E+21	8,241823E+21	1,041043E+22	1,402495E+22
2020	1,795515E+22	2,114763E+22	2,290856E+22	2,290830E+22	2,114739E+22	1,795517E+22	1,402508E+22	1,041046E+22	8,241684E+21	8,241486E+21	1,040997E+22	1,402455E+22
2021	1,795498E+22	2,114801E+22	2,290980E+22	2,290984E+22	2,114837E+22	1,795543E+22	1,402479E+22	1,041000E+22	8,241340E+21	8,241396E+21	1,041009E+22	1,402487E+22
2022	1,795541E+22	2,114827E+22	2,290974E+22	2,290948E+22	2,114767E+22	1,795479E+22	1,402448E+22	1,040986E+22	8,241203E+21	8,241230E+21	1,040994E+22	1,402465E+22
2023	1,795495E+22	2,114749E+22	2,290888E+22	2,290931E+22	2,114825E+22	1,795539E+22	1,402482E+22	1,040996E+22	8,241132E+21	8,241021E+21	1,040969E+22	1,402453E+22
2024	1,795525E+22	2,114844E+22	2,291013E+22	2,291025E+22	2,114878E+22	1,795543E+22	1,402447E+22	1,040953E+22	8,240861E+21	8,241033E+21	1,040999E+22	1,402501E+22
2025	1,795559E+22	2,114827E+22	2,290938E+22	2,290882E+22	2,114742E+22	1,795499E+22	1,402466E+22	1,040988E+22	8,241093E+21	8,241042E+21	1,040977E+22	1,402460E+22
2026	1,795502E+22	2,114769E+22	2,290932E+22	2,290958E+22	2,114825E+22	1,795552E+22	1,402508E+22	1,041019E+22	8,241319E+21	8,241169E+21	1,040973E+22	1,402455E+22
2027	1,795538E+22	2,114852E+22	2,291004E+22	2,291001E+22	2,114829E+22	1,795506E+22	1,402454E+22	1,040998E+22	8,241481E+21	8,241599E+21	1,041025E+22	1,402478E+22
2028	1,795503E+22	2,114771E+22	2,290884E+22	2,290848E+22	2,114734E+22	1,795496E+22	1,402492E+22	1,041053E+22	8,241956E+21	8,241864E+21	1,041030E+22	1,402464E+22
2029	1,795463E+22	2,114730E+22	2,290911E+22	2,290948E+22	2,114828E+22	1,795556E+22	1,402513E+22	1,041059E+22	8,242157E+21	8,242246E+21	1,041074E+22	1,402514E+22
2030	1,795520E+22	2,114760E+22	2,290888E+22	2,290882E+22	2,114736E+22	1,795483E+22	1,402493E+22	1,041076E+22	8,242468E+21	8,242595E+21	1,041106E+22	1,402526E+22
2031	1,795494E+22	2,114682E+22	2,290759E+22	2,290777E+22	2,114715E+22	1,795512E+22	1,402543E+22	1,041130E+22	8,242872E+21	8,242722E+21	1,041092E+22	1,402503E+22
2032	1,795498E+22	2,114754E+22	2,290883E+22	2,290880E+22	2,114770E+22	1,795522E+22	1,402521E+22	1,041111E+22	8,242916E+21	8,243015E+21	1,041136E+22	1,402553E+22
2033	1,795535E+22	2,114754E+22	2,290838E+22	2,290774E+22	2,114634E+22	1,795443E+22	1,402514E+22	1,041138E+22	8,243226E+21	8,243213E+21	1,041137E+22	1,402523E+22
2034	1,795470E+22	2,114667E+22	2,290788E+22	2,290825E+22	2,114730E+22	1,795510E+22	1,402552E+22	1,041159E+22	8,243305E+21	8,243160E+21	1,041120E+22	1,402510E+22
2035	1,795494E+22	2,114746E+22	2,290882E+22	2,290899E+22	2,114776E+22	1,795506E+22	1,402504E+22	1,041108E+22	8,243045E+21	8,243223E+21	1,041154E+22	1,402548E+22
2036	1,795500E+22	2,114706E+22	2,290791E+22	2,290752E+22	2,114657E+22	1,795479E+22	1,402529E+22	1,041129E+22	8,242981E+21	8,242902E+21	1,041112E+22	1,402511E+22
2037	1,795470E+22	2,114681E+22	2,290822E+22	2,290862E+22	2,114765E+22	1,795541E+22	1,402548E+22	1,041117E+22	8,242748E+21	8,242670E+21	1,041089E+22	1,402509E+22
2038	1,795520E+22	2,114770E+22	2,290886E+22	2,290875E+22	2,114730E+22	1,795476E+22	1,402493E+22	1,041083E+22	8,242529E+21	8,242575E+21	1,041092E+22	1,402504E+22
2039	1,795488E+22	2,114713E+22	2,290802E+22	2,290794E+22	2,114709E+22	1,795492E+22	1,402511E+22	1,041092E+22	8,242407E+21	8,242219E+21	1,041046E+22	1,402463E+22
2040	1,795467E+22	2,114748E+22	2,290921E+22	2,290942E+22	2,114816E+22	1,795542E+22	1,402496E+22	1,041045E+22	8,242020E+21	8,242087E+21	1,041064E+22	1,402515E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795528E+22	2,114772E+22	2,290900E+22	2,290876E+22	2,114715E+22	1,795465E+22	1,402468E+22	1,041036E+22	8,241923E+21	8,241992E+21	1,041056E+22	1,402500E+22
2042	1,795496E+22	2,114707E+22	2,290821E+22	2,290865E+22	2,114772E+22	1,795523E+22	1,402511E+22	1,041057E+22	8,241892E+21	8,241739E+21	1,041017E+22	1,402470E+22
2043	1,795512E+22	2,114802E+22	2,290944E+22	2,290953E+22	2,114829E+22	1,795535E+22	1,402476E+22	1,041019E+22	8,241741E+21	8,241871E+21	1,041052E+22	1,402507E+22
2044	1,795531E+22	2,114794E+22	2,290899E+22	2,290825E+22	2,114677E+22	1,795467E+22	1,402481E+22	1,041046E+22	8,241943E+21	8,241903E+21	1,041037E+22	1,402476E+22
2045	1,795479E+22	2,114722E+22	2,290876E+22	2,290907E+22	2,114778E+22	1,795528E+22	1,402521E+22	1,041077E+22	8,242231E+21	8,242132E+21	1,041041E+22	1,402469E+22
2046	1,795497E+22	2,114777E+22	2,290923E+22	2,290935E+22	2,114783E+22	1,795491E+22	1,402478E+22	1,041065E+22	8,242446E+21	8,242607E+21	1,041104E+22	1,402514E+22
2047	1,795484E+22	2,114696E+22	2,290783E+22	2,290778E+22	2,114699E+22	1,795488E+22	1,402514E+22	1,041112E+22	8,242826E+21	8,242769E+21	1,041099E+22	1,402497E+22
2048	1,795457E+22	2,114680E+22	2,290820E+22	2,290855E+22	2,114770E+22	1,795550E+22	1,402550E+22	1,041129E+22	8,243021E+21	8,243055E+21	1,041136E+22	1,402551E+22
2049	1,795526E+22	2,114729E+22	2,290817E+22	2,290785E+22	2,114647E+22	1,795445E+22	1,402516E+22	1,041147E+22	8,243423E+21	8,243508E+21	1,041170E+22	1,402553E+22
2050	1,795490E+22	2,114657E+22	2,290716E+22	2,290716E+22	2,114642E+22	1,795472E+22	1,402561E+22	1,041198E+22	8,243813E+21	8,243625E+21	1,041148E+22	1,402509E+22
2051	1,795465E+22	2,114703E+22	2,290830E+22	2,290835E+22	2,114731E+22	1,795505E+22	1,402540E+22	1,041174E+22	8,243851E+21	8,243968E+21	1,041201E+22	1,402560E+22
2052	1,795492E+22	2,114698E+22	2,290789E+22	2,290734E+22	2,114598E+22	1,795424E+22	1,402523E+22	1,041183E+22	8,243972E+21	8,244024E+21	1,041200E+22	1,402548E+22
2053	1,795449E+22	2,114608E+22	2,290711E+22	2,290764E+22	2,114697E+22	1,795507E+22	1,402573E+22	1,041207E+22	8,244020E+21	8,243912E+21	1,041173E+22	1,402525E+22
2054	1,795469E+22	2,114686E+22	2,290799E+22	2,290820E+22	2,114725E+22	1,795499E+22	1,402538E+22	1,041172E+22	8,243811E+21	8,243942E+21	1,041204E+22	1,402567E+22
2055	1,795487E+22	2,114657E+22	2,290715E+22	2,290689E+22	2,114617E+22	1,795462E+22	1,402547E+22	1,041184E+22	8,243717E+21	8,243584E+21	1,041153E+22	1,402518E+22
2056	1,795450E+22	2,114646E+22	2,290767E+22	2,290801E+22	2,114716E+22	1,795527E+22	1,402572E+22	1,041174E+22	8,243477E+21	8,243351E+21	1,041138E+22	1,402527E+22
2057	1,795500E+22	2,114726E+22	2,290832E+22	2,290817E+22	2,114669E+22	1,795438E+22	1,402501E+22	1,041135E+22	8,243309E+21	8,243393E+21	1,041157E+22	1,402534E+22
2058	1,795473E+22	2,114666E+22	2,290745E+22	2,290747E+22	2,114668E+22	1,795471E+22	1,402522E+22	1,041136E+22	8,243119E+21	8,242987E+21	1,041105E+22	1,402488E+22
2059	1,795451E+22	2,114695E+22	2,290847E+22	2,290877E+22	2,114780E+22	1,795540E+22	1,402520E+22	1,041094E+22	8,242729E+21	8,242847E+21	1,041122E+22	1,402537E+22
2060	1,795519E+22	2,114744E+22	2,290847E+22	2,290808E+22	2,114654E+22	1,795439E+22	1,402483E+22	1,041081E+22	8,242567E+21	8,242648E+21	1,041106E+22	1,402525E+22
2061	1,795498E+22	2,114688E+22	2,290772E+22	2,290803E+22	2,114718E+22	1,795500E+22	1,402526E+22	1,041110E+22	8,242663E+21	8,242480E+21	1,041060E+22	1,402470E+22
2062	1,795483E+22	2,114759E+22	2,290894E+22	2,290896E+22	2,114774E+22	1,795511E+22	1,402501E+22	1,041085E+22	8,242636E+21	8,242734E+21	1,041108E+22	1,402516E+22
2063	1,795494E+22	2,114728E+22	2,290830E+22	2,290790E+22	2,114656E+22	1,795450E+22	1,402497E+22	1,041105E+22	8,242827E+21	8,242796E+21	1,041099E+22	1,402489E+22
2064	1,795442E+22	2,114654E+22	2,290794E+22	2,290844E+22	2,114749E+22	1,795532E+22	1,402554E+22	1,041141E+22	8,243093E+21	8,243003E+21	1,041112E+22	1,402506E+22
2065	1,795477E+22	2,114706E+22	2,290824E+22	2,290838E+22	2,114713E+22	1,795471E+22	1,402510E+22	1,041135E+22	8,243385E+21	8,243569E+21	1,041181E+22	1,402557E+22
2066	1,795483E+22	2,114650E+22	2,290701E+22	2,290689E+22	2,114626E+22	1,795464E+22	1,402547E+22	1,041184E+22	8,243771E+21	8,243678E+21	1,041162E+22	1,402521E+22
2067	1,795448E+22	2,114643E+22	2,290751E+22	2,290771E+22	2,114702E+22	1,795524E+22	1,402575E+22	1,041200E+22	8,244013E+21	8,244024E+21	1,041199E+22	1,402561E+22
2068	1,795502E+22	2,114701E+22	2,290778E+22	2,290724E+22	2,114576E+22	1,795401E+22	1,402523E+22	1,041204E+22	8,244304E+21	8,244417E+21	1,041236E+22	1,402574E+22
2069	1,795471E+22	2,114618E+22	2,290669E+22	2,290676E+22	2,114605E+22	1,795445E+22	1,402566E+22	1,041250E+22	8,244679E+21	8,244532E+21	1,041211E+22	1,402523E+22
2070	1,795426E+22	2,114632E+22	2,290756E+22	2,290781E+22	2,114698E+22	1,795497E+22	1,402563E+22	1,041232E+22	8,244694E+21	8,244846E+21	1,041268E+22	1,402589E+22
2071	1,795469E+22	2,114624E+22	2,290697E+22	2,290679E+22	2,114578E+22	1,795425E+22	1,402550E+22	1,041237E+22	8,244697E+21	8,244756E+21	1,041253E+22	1,402569E+22
2072	1,795436E+22	2,114562E+22	2,290632E+22	2,290683E+22	2,114650E+22	1,795507E+22	1,402612E+22	1,041270E+22	8,244737E+21	8,244558E+21	1,041220E+22	1,402547E+22
2073	1,795456E+22	2,114644E+22	2,290730E+22	2,290732E+22	2,114648E+22	1,795465E+22	1,402560E+22	1,041236E+22	8,244644E+21	8,244727E+21	1,041256E+22	1,402583E+22
2074	1,795473E+22	2,114623E+22	2,290668E+22	2,290631E+22	2,114555E+22	1,795428E+22	1,402562E+22	1,041239E+22	8,244513E+21	8,244370E+21	1,041204E+22	1,402525E+22
2075	1,795418E+22	2,114595E+22	2,290710E+22	2,290749E+22	2,114677E+22	1,795505E+22	1,402584E+22	1,041224E+22	8,244261E+21	8,244180E+21	1,041199E+22	1,402541E+22
2076	1,795471E+22	2,114681E+22	2,290779E+22	2,290765E+22	2,114627E+22	1,795415E+22	1,402505E+22	1,041170E+22	8,243922E+21	8,244092E+21	1,041218E+22	1,402570E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795472E+22	2,114629E+22	2,290684E+22	2,290689E+22	2,114631E+22	1,795457E+22	1,402534E+22	1,041176E+22	8,243735E+21	8,243633E+21	1,041152E+22	1,402508E+22
2078	1,795439E+22	2,114654E+22	2,290783E+22	2,290810E+22	2,114731E+22	1,795526E+22	1,402548E+22	1,041151E+22	8,243447E+21	8,243521E+21	1,041168E+22	1,402554E+22
2079	1,795508E+22	2,114707E+22	2,290790E+22	2,290763E+22	2,114624E+22	1,795424E+22	1,402503E+22	1,041135E+22	8,243304E+21	8,243338E+21	1,041146E+22	1,402526E+22
2080	1,795473E+22	2,114655E+22	2,290725E+22	2,290749E+22	2,114677E+22	1,795491E+22	1,402558E+22	1,041175E+22	8,243475E+21	8,243252E+21	1,041115E+22	1,402485E+22
2081	1,795446E+22	2,114696E+22	2,290828E+22	2,290837E+22	2,114723E+22	1,795484E+22	1,402522E+22	1,041153E+22	8,243592E+21	8,243703E+21	1,041181E+22	1,402545E+22
2082	1,795470E+22	2,114663E+22	2,290750E+22	2,290722E+22	2,114611E+22	1,795435E+22	1,402522E+22	1,041168E+22	8,243749E+21	8,243759E+21	1,041172E+22	1,402520E+22
2083	1,795422E+22	2,114587E+22	2,290696E+22	2,290750E+22	2,114692E+22	1,795522E+22	1,402588E+22	1,041211E+22	8,244029E+21	8,243966E+21	1,041185E+22	1,402537E+22
2084	1,795469E+22	2,114671E+22	2,290754E+22	2,290746E+22	2,114631E+22	1,795431E+22	1,402525E+22	1,041195E+22	8,244233E+21	8,244425E+21	1,041246E+22	1,402590E+22
2085	1,795485E+22	2,114627E+22	2,290649E+22	2,290616E+22	2,114555E+22	1,795422E+22	1,402553E+22	1,041243E+22	8,244677E+21	8,244567E+21	1,041217E+22	1,402529E+22
2086	1,795418E+22	2,114598E+22	2,290701E+22	2,290715E+22	2,114646E+22	1,795492E+22	1,402593E+22	1,041265E+22	8,244953E+21	8,244968E+21	1,041263E+22	1,402576E+22
2087	1,795467E+22	2,114634E+22	2,290713E+22	2,290696E+22	2,114564E+22	1,795388E+22	1,402536E+22	1,041258E+22	8,245144E+21	8,245281E+21	1,041296E+22	1,402588E+22
2088	1,795436E+22	2,114553E+22	2,290594E+22	2,290618E+22	2,114586E+22	1,795457E+22	1,402603E+22	1,041311E+22	8,245459E+21	8,245315E+21	1,041274E+22	1,402554E+22
2089	1,795400E+22	2,114559E+22	2,290664E+22	2,290696E+22	2,114643E+22	1,795486E+22	1,402601E+22	1,041302E+22	8,245553E+21	8,245673E+21	1,041330E+22	1,402619E+22
2090	1,795462E+22	2,114575E+22	2,290617E+22	2,290592E+22	2,114519E+22	1,795411E+22	1,402586E+22	1,041306E+22	8,245545E+21	8,245542E+21	1,041304E+22	1,402582E+22
2091	1,795418E+22	2,114521E+22	2,290564E+22	2,290598E+22	2,114586E+22	1,795487E+22	1,402640E+22	1,041336E+22	8,245608E+21	8,245401E+21	1,041275E+22	1,402555E+22
2092	1,795432E+22	2,114614E+22	2,290688E+22	2,290668E+22	2,114577E+22	1,795419E+22	1,402563E+22	1,041282E+22	8,245379E+21	8,245505E+21	1,041317E+22	1,402609E+22
2093	1,795459E+22	2,114588E+22	2,290626E+22	2,290590E+22	2,114517E+22	1,795394E+22	1,402555E+22	1,041277E+22	8,245219E+21	8,245129E+21	1,041261E+22	1,402546E+22
2094	1,795396E+22	2,114542E+22	2,290649E+22	2,290697E+22	2,114643E+22	1,795489E+22	1,402595E+22	1,041266E+22	8,244919E+21	8,244900E+21	1,041258E+22	1,402575E+22
2095	1,795466E+22	2,114630E+22	2,290708E+22	2,290718E+22	2,114606E+22	1,795408E+22	1,402522E+22	1,041212E+22	8,244493E+21	8,244662E+21	1,041259E+22	1,402589E+22
2096	1,795471E+22	2,114608E+22	2,290636E+22	2,290627E+22	2,114592E+22	1,795454E+22	1,402567E+22	1,041232E+22	8,244360E+21	8,244187E+21	1,041191E+22	1,402523E+22
2097	1,795422E+22	2,114618E+22	2,290734E+22	2,290743E+22	2,114667E+22	1,795496E+22	1,402572E+22	1,041217E+22	8,244286E+21	8,244289E+21	1,041215E+22	1,402561E+22
2098	1,795480E+22	2,114664E+22	2,290745E+22	2,290715E+22	2,114582E+22	1,795406E+22	1,402527E+22	1,041199E+22	8,244187E+21	8,244201E+21	1,041201E+22	1,402529E+22
2099	1,795426E+22	2,114587E+22	2,290657E+22	2,290690E+22	2,114643E+22	1,795481E+22	1,402582E+22	1,041240E+22	8,244407E+21	8,244219E+21	1,041184E+22	1,402501E+22
2100	1,795408E+22	2,114627E+22	2,290745E+22	2,290757E+22	2,114669E+22	1,795462E+22	1,402537E+22	1,041207E+22	8,244413E+21	8,244598E+21	1,041255E+22	1,402587E+22
2101	1,795465E+22	2,114609E+22	2,290666E+22	2,290639E+22	2,114556E+22	1,795412E+22	1,402538E+22	1,041227E+22	8,244605E+21	8,244620E+21	1,041236E+22	1,402550E+22
2102	1,795412E+22	2,114539E+22	2,290617E+22	2,290660E+22	2,114621E+22	1,795490E+22	1,402611E+22	1,041278E+22	8,244945E+21	8,244859E+21	1,041250E+22	1,402566E+22
2103	1,795461E+22	2,114627E+22	2,290691E+22	2,290686E+22	2,114582E+22	1,795403E+22	1,402541E+22	1,041256E+22	8,245100E+21	8,245275E+21	1,041302E+22	1,402604E+22
2104	1,795466E+22	2,114594E+22	2,290608E+22	2,290564E+22	2,114511E+22	1,795405E+22	1,402579E+22	1,041308E+22	8,245530E+21	8,245422E+21	1,041283E+22	1,402552E+22
2105	1,795385E+22	2,114532E+22	2,290635E+22	2,290658E+22	2,114602E+22	1,795469E+22	1,402613E+22	1,041333E+22	8,245918E+21	8,245942E+21	1,041336E+22	1,402606E+22
2106	1,795445E+22	2,114570E+22	2,290632E+22	2,290627E+22	2,114533E+22	1,795391E+22	1,402570E+22	1,041322E+22	8,246031E+21	8,246187E+21	1,041361E+22	1,402612E+22
2107	1,795414E+22	2,114490E+22	2,290504E+22	2,290526E+22	2,114535E+22	1,795457E+22	1,402645E+22	1,041383E+22	8,246357E+21	8,246190E+21	1,041335E+22	1,402573E+22
2108	1,795387E+22	2,114519E+22	2,290592E+22	2,290604E+22	2,114565E+22	1,795452E+22	1,402620E+22	1,041364E+22	8,246372E+21	8,246453E+21	1,041385E+22	1,402643E+22
2109	1,795457E+22	2,114548E+22	2,290568E+22	2,290525E+22	2,114453E+22	1,795369E+22	1,402590E+22	1,041361E+22	8,246384E+21	8,246340E+21	1,041353E+22	1,402589E+22
2110	1,795388E+22	2,114473E+22	2,290516E+22	2,290544E+22	2,114531E+22	1,795449E+22	1,402647E+22	1,041389E+22	8,246408E+21	8,246228E+21	1,041336E+22	1,402575E+22
2111	1,795405E+22	2,114552E+22	2,290631E+22	2,290638E+22	2,114561E+22	1,795402E+22	1,402566E+22	1,041320E+22	8,246020E+21	8,246196E+21	1,041369E+22	1,402630E+22
2112	1,795442E+22	2,114543E+22	2,290571E+22	2,290539E+22	2,114494E+22	1,795399E+22	1,402580E+22	1,041320E+22	8,245776E+21	8,245724E+21	1,041313E+22	1,402576E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795385E+22	2,114492E+22	2,290582E+22	2,290631E+22	2,114597E+22	1,795476E+22	1,402621E+22	1,041323E+22	8,245618E+21	8,245556E+21	1,041305E+22	1,402598E+22
2114	1,795466E+22	2,114600E+22	2,290653E+22	2,290651E+22	2,114565E+22	1,795402E+22	1,402551E+22	1,041269E+22	8,245231E+21	8,245328E+21	1,041296E+22	1,402590E+22
2115	1,795447E+22	2,114569E+22	2,290585E+22	2,290561E+22	2,114543E+22	1,795442E+22	1,402597E+22	1,041298E+22	8,245213E+21	8,244991E+21	1,041239E+22	1,402523E+22
2116	1,795388E+22	2,114573E+22	2,290686E+22	2,290688E+22	2,114612E+22	1,795460E+22	1,402581E+22	1,041272E+22	8,245089E+21	8,245114E+21	1,041276E+22	1,402581E+22
2117	1,795453E+22	2,114605E+22	2,290684E+22	2,290662E+22	2,114544E+22	1,795379E+22	1,402529E+22	1,041250E+22	8,245032E+21	8,245083E+21	1,041267E+22	1,402553E+22
2118	1,795397E+22	2,114514E+22	2,290570E+22	2,290610E+22	2,114593E+22	1,795466E+22	1,402603E+22	1,041296E+22	8,245232E+21	8,245113E+21	1,041259E+22	1,402544E+22
2119	1,795404E+22	2,114565E+22	2,290656E+22	2,290679E+22	2,114620E+22	1,795445E+22	1,402558E+22	1,041262E+22	8,245165E+21	8,245357E+21	1,041312E+22	1,402617E+22
2120	1,795468E+22	2,114584E+22	2,290608E+22	2,290557E+22	2,114493E+22	1,795392E+22	1,402564E+22	1,041290E+22	8,245397E+21	8,245381E+21	1,041292E+22	1,402574E+22
2121	1,795399E+22	2,114501E+22	2,290566E+22	2,290590E+22	2,114550E+22	1,795449E+22	1,402626E+22	1,041348E+22	8,245914E+21	8,245782E+21	1,041310E+22	1,402582E+22
2122	1,795440E+22	2,114583E+22	2,290641E+22	2,290632E+22	2,114541E+22	1,795386E+22	1,402564E+22	1,041322E+22	8,246059E+21	8,246226E+21	1,041364E+22	1,402612E+22
2123	1,795423E+22	2,114525E+22	2,290541E+22	2,290507E+22	2,114481E+22	1,795404E+22	1,402611E+22	1,041378E+22	8,246509E+21	8,246412E+21	1,041352E+22	1,402569E+22
2124	1,795352E+22	2,114465E+22	2,290552E+22	2,290580E+22	2,114551E+22	1,795455E+22	1,402639E+22	1,041395E+22	8,246781E+21	8,246830E+21	1,041405E+22	1,402639E+22
2125	1,795434E+22	2,114516E+22	2,290552E+22	2,290546E+22	2,114480E+22	1,795373E+22	1,402593E+22	1,041389E+22	8,246932E+21	8,247036E+21	1,041418E+22	1,402631E+22
2126	1,795396E+22	2,114438E+22	2,290428E+22	2,290438E+22	2,114467E+22	1,795432E+22	1,402670E+22	1,041451E+22	8,247260E+21	8,247064E+21	1,041396E+22	1,402596E+22
2127	1,795371E+22	2,114466E+22	2,290528E+22	2,290543E+22	2,114513E+22	1,795423E+22	1,402633E+22	1,041419E+22	8,247164E+21	8,247234E+21	1,041437E+22	1,402657E+22
2128	1,795439E+22	2,114513E+22	2,290528E+22	2,290479E+22	2,114410E+22	1,795346E+22	1,402604E+22	1,041413E+22	8,247104E+21	8,247097E+21	1,041416E+22	1,402616E+22
2129	1,795364E+22	2,114415E+22	2,290455E+22	2,290494E+22	2,114488E+22	1,795420E+22	1,402652E+22	1,041438E+22	8,247184E+21	8,247038E+21	1,041400E+22	1,402609E+22
2130	1,795399E+22	2,114504E+22	2,290562E+22	2,290575E+22	2,114532E+22	1,795407E+22	1,402590E+22	1,041367E+22	8,246692E+21	8,246897E+21	1,041421E+22	1,402652E+22
2131	1,795433E+22	2,114502E+22	2,290509E+22	2,290471E+22	2,114450E+22	1,795397E+22	1,402612E+22	1,041377E+22	8,246474E+21	8,246382E+21	1,041355E+22	1,402587E+22
2132	1,795377E+22	2,114467E+22	2,290530E+22	2,290557E+22	2,114531E+22	1,795445E+22	1,402634E+22	1,041374E+22	8,246310E+21	8,246199E+21	1,041344E+22	1,402607E+22
2133	1,795452E+22	2,114573E+22	2,290615E+22	2,290602E+22	2,114518E+22	1,795373E+22	1,402557E+22	1,041322E+22	8,246016E+21	8,246058E+21	1,041337E+22	1,402586E+22
2134	1,795406E+22	2,114510E+22	2,290532E+22	2,290513E+22	2,114500E+22	1,795418E+22	1,402609E+22	1,041353E+22	8,246031E+21	8,245841E+21	1,041302E+22	1,402542E+22
2135	1,795353E+22	2,114491E+22	2,290607E+22	2,290642E+22	2,114588E+22	1,795451E+22	1,402594E+22	1,041319E+22	8,245819E+21	8,245887E+21	1,041336E+22	1,402607E+22
2136	1,795435E+22	2,114548E+22	2,290609E+22	2,290592E+22	2,114503E+22	1,795378E+22	1,402559E+22	1,041305E+22	8,245731E+21	8,245832E+21	1,041333E+22	1,402592E+22
2137	1,795389E+22	2,114457E+22	2,290487E+22	2,290523E+22	2,114524E+22	1,795437E+22	1,402626E+22	1,041363E+22	8,246104E+21	8,245951E+21	1,041321E+22	1,402576E+22
2138	1,795409E+22	2,114537E+22	2,290591E+22	2,290593E+22	2,114558E+22	1,795430E+22	1,402585E+22	1,041328E+22	8,246065E+21	8,246211E+21	1,041366E+22	1,402628E+22
2139	1,795450E+22	2,114549E+22	2,290561E+22	2,290491E+22	2,114434E+22	1,795371E+22	1,402592E+22	1,041362E+22	8,246373E+21	8,246327E+21	1,041351E+22	1,402582E+22
2140	1,795372E+22	2,114459E+22	2,290517E+22	2,290536E+22	2,114495E+22	1,795413E+22	1,402635E+22	1,041409E+22	8,246844E+21	8,246735E+21	1,041379E+22	1,402606E+22
2141	1,795416E+22	2,114525E+22	2,290578E+22	2,290583E+22	2,114511E+22	1,795370E+22	1,402574E+22	1,041383E+22	8,247010E+21	8,247185E+21	1,041433E+22	1,402636E+22
2142	1,795393E+22	2,114448E+22	2,290452E+22	2,290430E+22	2,114435E+22	1,795399E+22	1,402644E+22	1,041446E+22	8,247425E+21	8,247366E+21	1,041427E+22	1,402607E+22
2143	1,795340E+22	2,114394E+22	2,290460E+22	2,290504E+22	2,114500E+22	1,795442E+22	1,402668E+22	1,041460E+22	8,247610E+21	8,247626E+21	1,041461E+22	1,402661E+22
2144	1,795426E+22	2,114481E+22	2,290491E+22	2,290466E+22	2,114414E+22	1,795353E+22	1,402623E+22	1,041456E+22	8,247762E+21	8,247840E+21	1,041477E+22	1,402650E+22
2145	1,795373E+22	2,114390E+22	2,290370E+22	2,290370E+22	2,114396E+22	1,795391E+22	1,402683E+22	1,041517E+22	8,248190E+21	8,247971E+21	1,041458E+22	1,402615E+22
2146	1,795353E+22	2,114422E+22	2,290471E+22	2,290484E+22	2,114471E+22	1,795407E+22	1,402646E+22	1,041471E+22	8,247986E+21	8,248082E+21	1,041496E+22	1,402670E+22
2147	1,795407E+22	2,114452E+22	2,290462E+22	2,290425E+22	2,114380E+22	1,795343E+22	1,402626E+22	1,041466E+22	8,247876E+21	8,247894E+21	1,041473E+22	1,402638E+22
2148	1,795352E+22	2,114369E+22	2,290385E+22	2,290428E+22	2,114442E+22	1,795403E+22	1,402665E+22	1,041482E+22	8,247819E+21	8,247699E+21	1,041452E+22	1,402639E+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°
2149	1,795401E+22	2,114473E+22	2,290504E+22	2,290512E+22	2,114486E+22	1,795387E+22	1,402604E+22	1,041418E+22	8,247384E+21	8,247519E+21	1,041460E+22	1,402659E+22
2150	1,795415E+22	2,114464E+22	2,290456E+22	2,290408E+22	2,114396E+22	1,795380E+22	1,402635E+22	1,041432E+22	8,247208E+21	8,247089E+21	1,041402E+22	1,402597E+22
2151	1,795354E+22	2,114418E+22	2,290481E+22	2,290516E+22	2,114489E+22	1,795425E+22	1,402649E+22	1,041422E+22	8,246996E+21	8,246871E+21	1,041386E+22	1,402609E+22
2152	1,795421E+22	2,114528E+22	2,290573E+22	2,290563E+22	2,114483E+22	1,795359E+22	1,402574E+22	1,041372E+22	8,246718E+21	8,246808E+21	1,041398E+22	1,402607E+22
2153	1,795373E+22	2,114440E+22	2,290456E+22	2,290455E+22	2,114456E+22	1,795398E+22	1,402621E+22	1,041406E+22	8,246847E+21	8,246699E+21	1,041370E+22	1,402578E+22
2154	1,795349E+22	2,114438E+22	2,290517E+22	2,290554E+22	2,114541E+22	1,795452E+22	1,402623E+22	1,041374E+22	8,246591E+21	8,246682E+21	1,041395E+22	1,402634E+22
2155	1,795430E+22	2,114507E+22	2,290535E+22	2,290507E+22	2,114441E+22	1,795364E+22	1,402592E+22	1,041373E+22	8,246587E+21	8,246639E+21	1,041386E+22	1,402612E+22
2156	1,795391E+22	2,114436E+22	2,290434E+22	2,290446E+22	2,114445E+22	1,795392E+22	1,402633E+22	1,041420E+22	8,246959E+21	8,246783E+21	1,041376E+22	1,402594E+22
2157	1,795399E+22	2,114510E+22	2,290555E+22	2,290545E+22	2,114502E+22	1,795391E+22	1,402591E+22	1,041389E+22	8,247002E+21	8,247118E+21	1,041423E+22	1,402632E+22
2158	1,795408E+22	2,114488E+22	2,290506E+22	2,290449E+22	2,114396E+22	1,795352E+22	1,402609E+22	1,041424E+22	8,247316E+21	8,247323E+21	1,041425E+22	1,402605E+22
2159	1,795335E+22	2,114375E+22	2,290434E+22	2,290486E+22	2,114471E+22	1,795412E+22	1,402659E+22	1,041466E+22	8,247689E+21	8,247617E+21	1,041445E+22	1,402630E+22
2160	1,795392E+22	2,114461E+22	2,290498E+22	2,290512E+22	2,114473E+22	1,795376E+22	1,402616E+22	1,041450E+22	8,247843E+21	8,248043E+21	1,041502E+22	1,402667E+22
2161	1,795375E+22	2,114382E+22	2,290358E+22	2,290341E+22	2,114366E+22	1,795375E+22	1,402675E+22	1,041523E+22	8,248414E+21	8,248296E+21	1,041493E+22	1,402637E+22
2162	1,795336E+22	2,114351E+22	2,290375E+22	2,290405E+22	2,114435E+22	1,795430E+22	1,402700E+22	1,041532E+22	8,248567E+21	8,248539E+21	1,041519E+22	1,402673E+22
2163	1,795401E+22	2,114436E+22	2,290433E+22	2,290397E+22	2,114350E+22	1,795328E+22	1,402648E+22	1,041525E+22	8,248704E+21	8,248764E+21	1,041538E+22	1,402665E+22
2164	1,795353E+22	2,114346E+22	2,290311E+22	2,290309E+22	2,114333E+22	1,795345E+22	1,402679E+22	1,041564E+22	8,249003E+21	8,248841E+21	1,041526E+22	1,402646E+22
2165	1,795342E+22	2,114379E+22	2,290412E+22	2,290432E+22	2,114433E+22	1,795384E+22	1,402650E+22	1,041517E+22	8,248737E+21	8,248863E+21	1,041555E+22	1,402694E+22
2166	1,795392E+22	2,114401E+22	2,290391E+22	2,290361E+22	2,114337E+22	1,795335E+22	1,402647E+22	1,041513E+22	8,248547E+21	8,248606E+21	1,041529E+22	1,402666E+22
2167	1,795347E+22	2,114325E+22	2,290324E+22	2,290372E+22	2,114397E+22	1,795389E+22	1,402685E+22	1,041529E+22	8,248424E+21	8,248251E+21	1,041486E+22	1,402645E+22
2168	1,795391E+22	2,114453E+22	2,290469E+22	2,290463E+22	2,114440E+22	1,795374E+22	1,402628E+22	1,041469E+22	8,248028E+21	8,248135E+21	1,041499E+22	1,402660E+22
2169	1,795380E+22	2,114414E+22	2,290407E+22	2,290364E+22	2,114346E+22	1,795350E+22	1,402649E+22	1,041490E+22	8,248013E+21	8,247870E+21	1,041453E+22	1,402606E+22
2170	1,795324E+22	2,114362E+22	2,290412E+22	2,290459E+22	2,114460E+22	1,795424E+22	1,402670E+22	1,041475E+22	8,247771E+21	8,247670E+21	1,041443E+22	1,402619E+22
2171	1,795381E+22	2,114458E+22	2,290496E+22	2,290502E+22	2,114449E+22	1,795359E+22	1,402605E+22	1,041430E+22	8,247509E+21	8,247620E+21	1,041457E+22	1,402633E+22
2172	1,795364E+22	2,114390E+22	2,290373E+22	2,290374E+22	2,114394E+22	1,795371E+22	1,402635E+22	1,041457E+22	8,247589E+21	8,247471E+21	1,041432E+22	1,402614E+22
2173	1,795357E+22	2,114412E+22	2,290455E+22	2,290479E+22	2,114477E+22	1,795419E+22	1,402636E+22	1,041433E+22	8,247415E+21	8,247456E+21	1,041447E+22	1,402651E+22
2174	1,795419E+22	2,114473E+22	2,290479E+22	2,290439E+22	2,114379E+22	1,795338E+22	1,402611E+22	1,041433E+22	8,247449E+21	8,247512E+21	1,041448E+22	1,402633E+22
2175	1,795370E+22	2,114392E+22	2,290389E+22	2,290408E+22	2,114399E+22	1,795364E+22	1,402645E+22	1,041474E+22	8,247763E+21	8,247603E+21	1,041433E+22	1,402607E+22
2176	1,795370E+22	2,114463E+22	2,290509E+22	2,290508E+22	2,114470E+22	1,795379E+22	1,402611E+22	1,041446E+22	8,247833E+21	8,248016E+21	1,041494E+22	1,402655E+22
2177	1,795372E+22	2,114410E+22	2,290420E+22	2,290390E+22	2,114358E+22	1,795344E+22	1,402636E+22	1,041491E+22	8,248268E+21	8,248306E+21	1,041501E+22	1,402642E+22
2178	1,795325E+22	2,114315E+22	2,290331E+22	2,290388E+22	2,114424E+22	1,795422E+22	1,402701E+22	1,041537E+22	8,248599E+21	8,248520E+21	1,041509E+22	1,402651E+22
2179	1,795372E+22	2,114407E+22	2,290411E+22	2,290417E+22	2,114403E+22	1,795363E+22	1,402658E+22	1,041531E+22	8,248835E+21	8,248949E+21	1,041558E+22	1,402685E+22
2180	1,795367E+22	2,114347E+22	2,290288E+22	2,290253E+22	2,114281E+22	1,795327E+22	1,402685E+22	1,041588E+22	8,249359E+21	8,249218E+21	1,041556E+22	1,402658E+22
2181	1,795322E+22	2,114317E+22	2,290324E+22	2,290344E+22	2,114366E+22	1,795381E+22	1,402704E+22	1,041593E+22	8,249498E+21	8,249458E+21	1,041581E+22	1,402685E+22
2182	1,795365E+22	2,114375E+22	2,290369E+22	2,290344E+22	2,114307E+22	1,795304E+22	1,402659E+22	1,041578E+22	8,249544E+21	8,249678E+21	1,041611E+22	1,402696E+22
2183	1,795327E+22	2,114281E+22	2,290246E+22	2,290263E+22	2,114303E+22	1,795335E+22	1,402692E+22	1,041605E+22	8,249647E+21	8,249539E+21	1,041581E+22	1,402671E+22
2184	1,795331E+22	2,114339E+22	2,290356E+22	2,290377E+22	2,114396E+22	1,795382E+22	1,402680E+22	1,041566E+22	8,249356E+21	8,249509E+21	1,041605E+22	1,402714E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795376E+22	2,114355E+22	2,290325E+22	2,290300E+22	2,114290E+22	1,795318E+22	1,402673E+22	1,041574E+22	8,249312E+21	8,249305E+21	1,041573E+22	1,402679E+22
2186	1,795337E+22	2,114296E+22	2,290262E+22	2,290300E+22	2,114355E+22	1,795388E+22	1,402715E+22	1,041587E+22	8,249185E+21	8,248961E+21	1,041526E+22	1,402640E+22
2187	1,795350E+22	2,114404E+22	2,290421E+22	2,290416E+22	2,114398E+22	1,795361E+22	1,402658E+22	1,041533E+22	8,248850E+21	8,248909E+21	1,041547E+22	1,402667E+22
2188	1,795352E+22	2,114360E+22	2,290342E+22	2,290311E+22	2,114300E+22	1,795315E+22	1,402650E+22	1,041536E+22	8,248778E+21	8,248692E+21	1,041519E+22	1,402638E+22
2189	1,795311E+22	2,114311E+22	2,290339E+22	2,290393E+22	2,114416E+22	1,795401E+22	1,402681E+22	1,041523E+22	8,248516E+21	8,248462E+21	1,041507E+22	1,402650E+22
2190	1,795370E+22	2,114406E+22	2,290414E+22	2,290421E+22	2,114393E+22	1,795344E+22	1,402628E+22	1,041482E+22	8,248232E+21	8,248397E+21	1,041523E+22	1,402671E+22
2191	1,795364E+22	2,114356E+22	2,290316E+22	2,290306E+22	2,114332E+22	1,795341E+22	1,402648E+22	1,041504E+22	8,248263E+21	8,248134E+21	1,041477E+22	1,402631E+22
2192	1,795354E+22	2,114400E+22	2,290427E+22	2,290431E+22	2,114424E+22	1,795392E+22	1,402652E+22	1,041485E+22	8,248158E+21	8,248220E+21	1,041500E+22	1,402659E+22
2193	1,795388E+22	2,114426E+22	2,290432E+22	2,290400E+22	2,114336E+22	1,795307E+22	1,402623E+22	1,041493E+22	8,248341E+21	8,248404E+21	1,041509E+22	1,402648E+22
2194	1,795341E+22	2,114334E+22	2,290313E+22	2,290347E+22	2,114377E+22	1,795371E+22	1,402674E+22	1,041536E+22	8,248650E+21	8,248503E+21	1,041496E+22	1,402619E+22
2195	1,795327E+22	2,114386E+22	2,290424E+22	2,290442E+22	2,114438E+22	1,795388E+22	1,402658E+22	1,041521E+22	8,248760E+21	8,248913E+21	1,041556E+22	1,402680E+22
2196	1,795357E+22	2,114346E+22	2,290322E+22	2,290295E+22	2,114291E+22	1,795318E+22	1,402664E+22	1,041561E+22	8,249202E+21	8,249228E+21	1,041570E+22	1,402675E+22
2197	1,795322E+22	2,114276E+22	2,290250E+22	2,290292E+22	2,114348E+22	1,795388E+22	1,402727E+22	1,041613E+22	8,249594E+21	8,249455E+21	1,041571E+22	1,402669E+22
2198	1,795349E+22	2,114359E+22	2,290340E+22	2,290332E+22	2,114329E+22	1,795330E+22	1,402680E+22	1,041601E+22	8,249814E+21	8,249947E+21	1,041631E+22	1,402709E+22
2199	1,795340E+22	2,114296E+22	2,290237E+22	2,290201E+22	2,114222E+22	1,795286E+22	1,402690E+22	1,041640E+22	8,250193E+21	8,250091E+21	1,041619E+22	1,402679E+22
2200	1,795301E+22	2,114274E+22	2,290278E+22	2,290303E+22	2,114331E+22	1,795358E+22	1,402713E+22	1,041640E+22	8,250268E+21	8,250323E+21	1,041652E+22	1,402713E+22
2201	1,795340E+22	2,114309E+22	2,290291E+22	2,290286E+22	2,114274E+22	1,795293E+22	1,402678E+22	1,041631E+22	8,250328E+21	8,250499E+21	1,041676E+22	1,402732E+22
2202	1,795327E+22	2,114240E+22	2,290165E+22	2,290182E+22	2,114268E+22	1,795345E+22	1,402729E+22	1,041663E+22	8,250364E+21	8,250224E+21	1,041627E+22	1,402684E+22
2203	1,795313E+22	2,114301E+22	2,290299E+22	2,290311E+22	2,114346E+22	1,795375E+22	1,402719E+22	1,041635E+22	8,250150E+21	8,250182E+21	1,041641E+22	1,402718E+22
2204	1,795361E+22	2,114321E+22	2,290273E+22	2,290239E+22	2,114232E+22	1,795281E+22	1,402684E+22	1,041629E+22	8,250101E+21	8,250066E+21	1,041622E+22	1,402687E+22
2205	1,795312E+22	2,114258E+22	2,290216E+22	2,290250E+22	2,114308E+22	1,795354E+22	1,402725E+22	1,041642E+22	8,249979E+21	8,249756E+21	1,041580E+22	1,402647E+22
2206	1,795306E+22	2,114332E+22	2,290346E+22	2,290359E+22	2,114366E+22	1,795348E+22	1,402672E+22	1,041582E+22	8,249599E+21	8,249736E+21	1,041616E+22	1,402698E+22
2207	1,795327E+22	2,114295E+22	2,290272E+22	2,290252E+22	2,114262E+22	1,795301E+22	1,402663E+22	1,041575E+22	8,249375E+21	8,249349E+21	1,041574E+22	1,402672E+22
2208	1,795313E+22	2,114280E+22	2,290282E+22	2,290327E+22	2,114363E+22	1,795380E+22	1,402700E+22	1,041569E+22	8,249143E+21	8,249130E+21	1,041561E+22	1,402677E+22
2209	1,795364E+22	2,114369E+22	2,290352E+22	2,290351E+22	2,114336E+22	1,795318E+22	1,402648E+22	1,041540E+22	8,249007E+21	8,249137E+21	1,041574E+22	1,402693E+22
2210	1,795363E+22	2,114337E+22	2,290266E+22	2,290238E+22	2,114288E+22	1,795331E+22	1,402671E+22	1,041560E+22	8,249033E+21	8,248883E+21	1,041524E+22	1,402632E+22
2211	1,795317E+22	2,114354E+22	2,290385E+22	2,290388E+22	2,114384E+22	1,795375E+22	1,402679E+22	1,041552E+22	8,249034E+21	8,249043E+21	1,041551E+22	1,402670E+22
2212	1,795360E+22	2,114366E+22	2,290361E+22	2,290346E+22	2,114300E+22	1,795283E+22	1,402634E+22	1,041549E+22	8,249224E+21	8,249329E+21	1,041579E+22	1,402677E+22
2213	1,795322E+22	2,114276E+22	2,290232E+22	2,290270E+22	2,114329E+22	1,795356E+22	1,402702E+22	1,041604E+22	8,249558E+21	8,249423E+21	1,041564E+22	1,402646E+22
2214	1,795302E+22	2,114316E+22	2,290327E+22	2,290347E+22	2,114376E+22	1,795374E+22	1,402695E+22	1,041595E+22	8,249708E+21	8,249855E+21	1,041628E+22	1,402712E+22
2215	1,795341E+22	2,114298E+22	2,290254E+22	2,290213E+22	2,114219E+22	1,795282E+22	1,402682E+22	1,041626E+22	8,250089E+21	8,250085E+21	1,041628E+22	1,402694E+22
2216	1,795308E+22	2,114245E+22	2,290206E+22	2,290226E+22	2,114279E+22	1,795348E+22	1,402740E+22	1,041673E+22	8,250499E+21	8,250403E+21	1,041639E+22	1,402684E+22
2217	1,795314E+22	2,114297E+22	2,290276E+22	2,290276E+22	2,114278E+22	1,795297E+22	1,402691E+22	1,041663E+22	8,250762E+21	8,250929E+21	1,041704E+22	1,402737E+22
2218	1,795318E+22	2,114239E+22	2,290159E+22	2,290134E+22	2,114197E+22	1,795288E+22	1,402712E+22	1,041695E+22	8,251020E+21	8,250960E+21	1,041684E+22	1,402700E+22
2219	1,795272E+22	2,114210E+22	2,290206E+22	2,290243E+22	2,114299E+22	1,795361E+22	1,402751E+22	1,041706E+22	8,251088E+21	8,251096E+21	1,041705E+22	1,402741E+22
2220	1,795338E+22	2,114262E+22	2,290211E+22	2,290210E+22	2,114223E+22	1,795272E+22	1,402700E+22	1,041692E+22	8,251130E+21	8,251266E+21	1,041730E+22	1,402756E+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°
2221	1,795325E+22	2,114212E+22	2,290107E+22	2,290107E+22	2,114210E+22	1,795320E+22	1,402755E+22	1,041730E+22	8,251194E+21	8,250988E+21	1,041675E+22	1,402691E+22
2222	1,795283E+22	2,114251E+22	2,290243E+22	2,290247E+22	2,114292E+22	1,795354E+22	1,402744E+22	1,041697E+22	8,250971E+21	8,251001E+21	1,041699E+22	1,402731E+22
2223	1,795324E+22	2,114267E+22	2,290229E+22	2,290194E+22	2,114185E+22	1,795249E+22	1,402689E+22	1,041674E+22	8,250799E+21	8,250798E+21	1,041677E+22	1,402706E+22
2224	1,795290E+22	2,114211E+22	2,290166E+22	2,290202E+22	2,114275E+22	1,795336E+22	1,402731E+22	1,041680E+22	8,250638E+21	8,250524E+21	1,041645E+22	1,402677E+22
2225	1,795289E+22	2,114269E+22	2,290265E+22	2,290288E+22	2,114325E+22	1,795335E+22	1,402689E+22	1,041628E+22	8,250273E+21	8,250456E+21	1,041675E+22	1,402737E+22
2226	1,795336E+22	2,114263E+22	2,290195E+22	2,290165E+22	2,114217E+22	1,795297E+22	1,402689E+22	1,041625E+22	8,250024E+21	8,249963E+21	1,041616E+22	1,402687E+22
2227	1,795305E+22	2,114256E+22	2,290242E+22	2,290269E+22	2,114310E+22	1,795358E+22	1,402725E+22	1,041632E+22	8,249898E+21	8,249767E+21	1,041595E+22	1,402685E+22
2228	1,795355E+22	2,114340E+22	2,290310E+22	2,290298E+22	2,114281E+22	1,795276E+22	1,402652E+22	1,041593E+22	8,249805E+21	8,249921E+21	1,041624E+22	1,402701E+22
2229	1,795336E+22	2,114297E+22	2,290226E+22	2,290195E+22	2,114248E+22	1,795304E+22	1,402686E+22	1,041621E+22	8,249883E+21	8,249737E+21	1,041582E+22	1,402640E+22
2230	1,795268E+22	2,114274E+22	2,290308E+22	2,290331E+22	2,114356E+22	1,795372E+22	1,402707E+22	1,041613E+22	8,249905E+21	8,249961E+21	1,041622E+22	1,402695E+22
2231	1,795323E+22	2,114291E+22	2,290283E+22	2,290275E+22	2,114258E+22	1,795274E+22	1,402660E+22	1,041608E+22	8,250026E+21	8,250151E+21	1,041642E+22	1,402706E+22
2232	1,795312E+22	2,114228E+22	2,290160E+22	2,290188E+22	2,114271E+22	1,795338E+22	1,402730E+22	1,041668E+22	8,250435E+21	8,250318E+21	1,041630E+22	1,402671E+22
2233	1,795284E+22	2,114257E+22	2,290241E+22	2,290256E+22	2,114310E+22	1,795348E+22	1,402720E+22	1,041668E+22	8,250696E+21	8,250813E+21	1,041695E+22	1,402740E+22
2234	1,795331E+22	2,114257E+22	2,290183E+22	2,290130E+22	2,114163E+22	1,795263E+22	1,402706E+22	1,041694E+22	8,251032E+21	8,251019E+21	1,041692E+22	1,402709E+22
2235	1,795276E+22	2,114191E+22	2,290155E+22	2,290176E+22	2,114231E+22	1,795320E+22	1,402760E+22	1,041743E+22	8,251455E+21	8,251327E+21	1,041705E+22	1,402713E+22
2236	1,795299E+22	2,114236E+22	2,290199E+22	2,290210E+22	2,114235E+22	1,795271E+22	1,402700E+22	1,041717E+22	8,251647E+21	8,251877E+21	1,041779E+22	1,402776E+22
2237	1,795315E+22	2,114195E+22	2,290090E+22	2,290059E+22	2,114147E+22	1,795275E+22	1,402741E+22	1,041757E+22	8,251837E+21	8,251796E+21	1,041747E+22	1,402728E+22
2238	1,795259E+22	2,114159E+22	2,290128E+22	2,290160E+22	2,114244E+22	1,795350E+22	1,402786E+22	1,041774E+22	8,251925E+21	8,251894E+21	1,041761E+22	1,402760E+22
2239	1,795321E+22	2,114227E+22	2,290166E+22	2,290146E+22	2,114167E+22	1,795245E+22	1,402716E+22	1,041748E+22	8,251887E+21	8,251967E+21	1,041772E+22	1,402762E+22
2240	1,795305E+22	2,114183E+22	2,290077E+22	2,290062E+22	2,114159E+22	1,795289E+22	1,402763E+22	1,041779E+22	8,251958E+21	8,251782E+21	1,041727E+22	1,402695E+22
2241	1,795239E+22	2,114179E+22	2,290175E+22	2,290197E+22	2,114256E+22	1,795333E+22	1,402756E+22	1,041749E+22	8,251756E+21	8,251810E+21	1,041759E+22	1,402753E+22
2242	1,795300E+22	2,114204E+22	2,290148E+22	2,290129E+22	2,114163E+22	1,795254E+22	1,402709E+22	1,041720E+22	8,251465E+21	8,251495E+21	1,041730E+22	1,402726E+22
2243	1,795267E+22	2,114153E+22	2,290098E+22	2,290138E+22	2,114231E+22	1,795326E+22	1,402760E+22	1,041736E+22	8,251320E+21	8,251149E+21	1,041690E+22	1,402706E+22
2244	1,795296E+22	2,114232E+22	2,290193E+22	2,290207E+22	2,114265E+22	1,795305E+22	1,402701E+22	1,041680E+22	8,250991E+21	8,251145E+21	1,041724E+22	1,402760E+22
2245	1,795342E+22	2,114249E+22	2,290156E+22	2,290099E+22	2,114155E+22	1,795267E+22	1,402706E+22	1,041682E+22	8,250771E+21	8,250677E+21	1,041660E+22	1,402692E+22
2246	1,795279E+22	2,114214E+22	2,290199E+22	2,290219E+22	2,114263E+22	1,795335E+22	1,402742E+22	1,041689E+22	8,250707E+21	8,250573E+21	1,041650E+22	1,402693E+22
2247	1,795316E+22	2,114288E+22	2,290273E+22	2,290264E+22	2,114249E+22	1,795252E+22	1,402656E+22	1,041640E+22	8,250549E+21	8,250692E+21	1,041680E+22	1,402719E+22
2248	1,795310E+22	2,114240E+22	2,290170E+22	2,290148E+22	2,114220E+22	1,795295E+22	1,402701E+22	1,041668E+22	8,250667E+21	8,250620E+21	1,041651E+22	1,402667E+22
2249	1,795241E+22	2,114193E+22	2,290208E+22	2,290247E+22	2,114312E+22	1,795370E+22	1,402741E+22	1,041679E+22	8,250767E+21	8,250837E+21	1,041691E+22	1,402731E+22
2250	1,795320E+22	2,114241E+22	2,290189E+22	2,290175E+22	2,114203E+22	1,795270E+22	1,402696E+22	1,041679E+22	8,250912E+21	8,250984E+21	1,041698E+22	1,402724E+22
2251	1,795295E+22	2,114187E+22	2,290102E+22	2,290111E+22	2,114200E+22	1,795309E+22	1,402759E+22	1,041745E+22	8,251416E+21	8,251193E+21	1,041685E+22	1,402692E+22
2252	1,795275E+22	2,114213E+22	2,290176E+22	2,290180E+22	2,114239E+22	1,795301E+22	1,402726E+22	1,041732E+22	8,251685E+21	8,251816E+21	1,041766E+22	1,402764E+22
2253	1,795314E+22	2,114211E+22	2,290126E+22	2,290070E+22	2,114109E+22	1,795232E+22	1,402721E+22	1,041758E+22	8,251972E+21	8,251997E+21	1,041765E+22	1,402734E+22
2254	1,795245E+22	2,114120E+22	2,290076E+22	2,290112E+22	2,114194E+22	1,795311E+22	1,402784E+22	1,041804E+22	8,252349E+21	8,252268E+21	1,041779E+22	1,402746E+22
2255	1,795278E+22	2,114180E+22	2,290134E+22	2,290140E+22	2,114186E+22	1,795257E+22	1,402723E+22	1,041775E+22	8,252422E+21	8,252650E+21	1,041836E+22	1,402803E+22
2256	1,795310E+22	2,114161E+22	2,290037E+22	2,289995E+22	2,114097E+22	1,795261E+22	1,402765E+22	1,041817E+22	8,252659E+21	8,252612E+21	1,041801E+22	1,402741E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795236E+22	2,114107E+22	2,290059E+22	2,290089E+22	2,114191E+22	1,795333E+22	1,402812E+22	1,041839E+22	8,252792E+21	8,252715E+21	1,041813E+22	1,402770E+22
2258	1,795297E+22	2,114181E+22	2,290102E+22	2,290081E+22	2,114126E+22	1,795235E+22	1,402740E+22	1,041808E+22	8,252699E+21	8,252747E+21	1,041821E+22	1,402765E+22
2259	1,795263E+22	2,114122E+22	2,290025E+22	2,290020E+22	2,114123E+22	1,795272E+22	1,402782E+22	1,041837E+22	8,252757E+21	8,252536E+21	1,041782E+22	1,402721E+22
2260	1,795224E+22	2,114112E+22	2,290087E+22	2,290125E+22	2,114212E+22	1,795312E+22	1,402763E+22	1,041794E+22	8,252487E+21	8,252602E+21	1,041824E+22	1,402790E+22
2261	1,795302E+22	2,114164E+22	2,290078E+22	2,290051E+22	2,114104E+22	1,795236E+22	1,402733E+22	1,041772E+22	8,252139E+21	8,252190E+21	1,041784E+22	1,402753E+22
2262	1,795264E+22	2,114117E+22	2,290036E+22	2,290065E+22	2,114171E+22	1,795304E+22	1,402778E+22	1,041790E+22	8,252034E+21	8,251836E+21	1,041738E+22	1,402722E+22
2263	1,795284E+22	2,114213E+22	2,290166E+22	2,290155E+22	2,114206E+22	1,795270E+22	1,402705E+22	1,041724E+22	8,251655E+21	8,251786E+21	1,041762E+22	1,402764E+22
2264	1,795323E+22	2,114226E+22	2,290139E+22	2,290073E+22	2,114117E+22	1,795241E+22	1,402708E+22	1,041723E+22	8,251486E+21	8,251449E+21	1,041710E+22	1,402694E+22
2265	1,795236E+22	2,114144E+22	2,290132E+22	2,290176E+22	2,114241E+22	1,795329E+22	1,402759E+22	1,041741E+22	8,251486E+21	8,251381E+21	1,041709E+22	1,402712E+22
2266	1,795288E+22	2,114219E+22	2,290184E+22	2,290199E+22	2,114233E+22	1,795269E+22	1,402689E+22	1,041697E+22	8,251308E+21	8,251453E+21	1,041736E+22	1,402737E+22
2267	1,795284E+22	2,114175E+22	2,290091E+22	2,290079E+22	2,114173E+22	1,795292E+22	1,402741E+22	1,041741E+22	8,251522E+21	8,251387E+21	1,041707E+22	1,402701E+22
2268	1,795242E+22	2,114139E+22	2,290112E+22	2,290148E+22	2,114240E+22	1,795342E+22	1,402764E+22	1,041750E+22	8,251714E+21	8,251751E+21	1,041755E+22	1,402760E+22
2269	1,795320E+22	2,114213E+22	2,290130E+22	2,290089E+22	2,114120E+22	1,795236E+22	1,402723E+22	1,041751E+22	8,251880E+21	8,251943E+21	1,041764E+22	1,402742E+22
2270	1,795271E+22	2,114138E+22	2,290044E+22	2,290044E+22	2,114133E+22	1,795272E+22	1,402774E+22	1,041813E+22	8,252409E+21	8,252210E+21	1,041759E+22	1,402714E+22
2271	1,795246E+22	2,114164E+22	2,290129E+22	2,290130E+22	2,114189E+22	1,795268E+22	1,402728E+22	1,041784E+22	8,252554E+21	8,252740E+21	1,041836E+22	1,402795E+22
2272	1,795301E+22	2,114164E+22	2,290071E+22	2,290021E+22	2,114074E+22	1,795217E+22	1,402730E+22	1,041805E+22	8,252801E+21	8,252924E+21	1,041835E+22	1,402763E+22
2273	1,795227E+22	2,114054E+22	2,289986E+22	2,290033E+22	2,114149E+22	1,795308E+22	1,402817E+22	1,041870E+22	8,253200E+21	8,253105E+21	1,041840E+22	1,402774E+22
2274	1,795273E+22	2,114138E+22	2,290055E+22	2,290061E+22	2,114143E+22	1,795256E+22	1,402759E+22	1,041844E+22	8,253263E+21	8,253400E+21	1,041880E+22	1,402806E+22
2275	1,795281E+22	2,114116E+22	2,289989E+22	2,289941E+22	2,114041E+22	1,795239E+22	1,402795E+22	1,041889E+22	8,253560E+21	8,253394E+21	1,041847E+22	1,402750E+22
2276	1,795209E+22	2,114045E+22	2,289986E+22	2,290024E+22	2,114135E+22	1,795301E+22	1,402824E+22	1,041900E+22	8,253695E+21	8,253626E+21	1,041876E+22	1,402785E+22
2277	1,795266E+22	2,114123E+22	2,290035E+22	2,290021E+22	2,114077E+22	1,795216E+22	1,402759E+22	1,041864E+22	8,253511E+21	8,253610E+21	1,041887E+22	1,402786E+22
2278	1,795231E+22	2,114048E+22	2,289940E+22	2,289951E+22	2,114079E+22	1,795261E+22	1,402802E+22	1,041889E+22	8,253509E+21	8,253337E+21	1,041846E+22	1,402751E+22
2279	1,795214E+22	2,114071E+22	2,290024E+22	2,290052E+22	2,114153E+22	1,795288E+22	1,402775E+22	1,041837E+22	8,253113E+21	8,253234E+21	1,041872E+22	1,402818E+22
2280	1,795310E+22	2,114148E+22	2,290035E+22	2,289995E+22	2,114053E+22	1,795211E+22	1,402740E+22	1,041813E+22	8,252800E+21	8,252870E+21	1,041829E+22	1,402766E+22
2281	1,795251E+22	2,114083E+22	2,289985E+22	2,290010E+22	2,114124E+22	1,795285E+22	1,402795E+22	1,041840E+22	8,252737E+21	8,252529E+21	1,041784E+22	1,402733E+22
2282	1,795266E+22	2,114177E+22	2,290119E+22	2,290115E+22	2,114178E+22	1,795262E+22	1,402724E+22	1,041774E+22	8,252355E+21	8,252465E+21	1,041806E+22	1,402766E+22
2283	1,795284E+22	2,114170E+22	2,290093E+22	2,290048E+22	2,114095E+22	1,795235E+22	1,402730E+22	1,041779E+22	8,252249E+21	8,252174E+21	1,041764E+22	1,402720E+22
2284	1,795219E+22	2,114075E+22	2,290038E+22	2,290101E+22	2,114201E+22	1,795321E+22	1,402781E+22	1,041796E+22	8,252291E+21	8,252230E+21	1,041774E+22	1,402744E+22
2285	1,795283E+22	2,114172E+22	2,290102E+22	2,290109E+22	2,114166E+22	1,795257E+22	1,402729E+22	1,041765E+22	8,252149E+21	8,252282E+21	1,041796E+22	1,402762E+22
2286	1,795273E+22	2,114129E+22	2,290016E+22	2,289996E+22	2,114101E+22	1,795264E+22	1,402768E+22	1,041812E+22	8,252462E+21	8,252281E+21	1,041768E+22	1,402719E+22
2287	1,795227E+22	2,114113E+22	2,290068E+22	2,290076E+22	2,114159E+22	1,795293E+22	1,402769E+22	1,041808E+22	8,252600E+21	8,252633E+21	1,041814E+22	1,402775E+22
2288	1,795301E+22	2,114178E+22	2,290092E+22	2,290046E+22	2,114069E+22	1,795199E+22	1,402723E+22	1,041802E+22	8,252783E+21	8,252929E+21	1,041834E+22	1,402759E+22
2289	1,795234E+22	2,114068E+22	2,289969E+22	2,289990E+22	2,114100E+22	1,795259E+22	1,402788E+22	1,041867E+22	8,253279E+21	8,253146E+21	1,041832E+22	1,402744E+22
2290	1,795225E+22	2,114098E+22	2,290039E+22	2,290062E+22	2,114161E+22	1,795274E+22	1,402760E+22	1,041845E+22	8,253376E+21	8,253564E+21	1,041895E+22	1,402815E+22
2291	1,795278E+22	2,114106E+22	2,289999E+22	2,289961E+22	2,114032E+22	1,795215E+22	1,402772E+22	1,041880E+22	8,253683E+21	8,253704E+21	1,041889E+22	1,402789E+22
2292	1,795221E+22	2,114002E+22	2,289895E+22	2,289943E+22	2,114088E+22	1,795289E+22	1,402846E+22	1,041942E+22	8,254162E+21	8,254014E+21	1,041899E+22	1,402789E+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												
2293	1,795255E+22	2,114099E+22	2,289995E+22	2,289984E+22	2,114071E+22	1,795235E+22	1,402795E+22	1,041918E+22	8,254214E+21	8,254319E+21	1,041940E+22	1,402815E+22
2294	1,795243E+22	2,114052E+22	2,289923E+22	2,289883E+22	2,113987E+22	1,795210E+22	1,402814E+22	1,041955E+22	8,254495E+21	8,254343E+21	1,041916E+22	1,402769E+22
2295	1,795176E+22	2,113989E+22	2,289921E+22	2,289961E+22	2,114083E+22	1,795270E+22	1,402826E+22	1,041944E+22	8,254454E+21	8,254458E+21	1,041943E+22	1,402818E+22
2296	1,795257E+22	2,114076E+22	2,289968E+22	2,289959E+22	2,114035E+22	1,795199E+22	1,402766E+22	1,041901E+22	8,254191E+21	8,254398E+21	1,041950E+22	1,402819E+22
2297	1,795227E+22	2,114003E+22	2,289860E+22	2,289871E+22	2,114026E+22	1,795246E+22	1,402822E+22	1,041936E+22	8,254157E+21	8,253996E+21	1,041897E+22	1,402780E+22
2298	1,795222E+22	2,114053E+22	2,289970E+22	2,289988E+22	2,114106E+22	1,795272E+22	1,402795E+22	1,041888E+22	8,253762E+21	8,253809E+21	1,041904E+22	1,402819E+22
2299	1,795292E+22	2,114126E+22	2,290014E+22	2,289969E+22	2,114014E+22	1,795189E+22	1,402758E+22	1,041867E+22	8,253494E+21	8,253473E+21	1,041865E+22	1,402773E+22
2300	1,795227E+22	2,114036E+22	2,289929E+22	2,289967E+22	2,114089E+22	1,795263E+22	1,402806E+22	1,041890E+22	8,253496E+21	8,253302E+21	1,041837E+22	1,402742E+22
2301	1,795233E+22	2,114123E+22	2,290061E+22	2,290066E+22	2,114143E+22	1,795260E+22	1,402755E+22	1,041830E+22	8,253105E+21	8,253243E+21	1,041862E+22	1,402780E+22
2302	1,795248E+22	2,114096E+22	2,290008E+22	2,289982E+22	2,114055E+22	1,795231E+22	1,402763E+22	1,041841E+22	8,253061E+21	8,253000E+21	1,041827E+22	1,402743E+22
2303	1,795203E+22	2,114030E+22	2,289962E+22	2,290016E+22	2,114136E+22	1,795298E+22	1,402802E+22	1,041854E+22	8,253079E+21	8,253010E+21	1,041832E+22	1,402770E+22
2304	1,795279E+22	2,114144E+22	2,290045E+22	2,290039E+22	2,114103E+22	1,795226E+22	1,402738E+22	1,041820E+22	8,253009E+21	8,253166E+21	1,041856E+22	1,402778E+22
2305	1,795252E+22	2,114082E+22	2,289949E+22	2,289923E+22	2,114037E+22	1,795232E+22	1,402782E+22	1,041872E+22	8,253348E+21	8,253189E+21	1,041833E+22	1,402741E+22
2306	1,795208E+22	2,114067E+22	2,290008E+22	2,290026E+22	2,114117E+22	1,795269E+22	1,402783E+22	1,041865E+22	8,253457E+21	8,253499E+21	1,041876E+22	1,402792E+22
2307	1,795268E+22	2,114118E+22	2,290033E+22	2,290009E+22	2,114041E+22	1,795186E+22	1,402741E+22	1,041861E+22	8,253636E+21	8,253786E+21	1,041902E+22	1,402797E+22
2308	1,795222E+22	2,114001E+22	2,289871E+22	2,289907E+22	2,114054E+22	1,795252E+22	1,402816E+22	1,041929E+22	8,254164E+21	8,254075E+21	1,041904E+22	1,402779E+22
2309	1,795221E+22	2,114055E+22	2,289962E+22	2,289972E+22	2,114093E+22	1,795267E+22	1,402808E+22	1,041921E+22	8,254291E+21	8,254438E+21	1,041955E+22	1,402833E+22
2310	1,795257E+22	2,114056E+22	2,289926E+22	2,289884E+22	2,113969E+22	1,795193E+22	1,402806E+22	1,041959E+22	8,254693E+21	8,254646E+21	1,041947E+22	1,402797E+22
2311	1,795193E+22	2,113966E+22	2,289842E+22	2,289871E+22	2,114018E+22	1,795250E+22	1,402858E+22	1,042004E+22	8,255080E+21	8,254928E+21	1,041960E+22	1,402800E+22
2312	1,795223E+22	2,114047E+22	2,289941E+22	2,289936E+22	2,114026E+22	1,795203E+22	1,402798E+22	1,041970E+22	8,255097E+21	8,255268E+21	1,042008E+22	1,402833E+22
2313	1,795205E+22	2,113976E+22	2,289835E+22	2,289816E+22	2,113949E+22	1,795198E+22	1,402831E+22	1,042006E+22	8,255275E+21	8,255189E+21	1,041986E+22	1,402805E+22
2314	1,795166E+22	2,113931E+22	2,289836E+22	2,289889E+22	2,114043E+22	1,795261E+22	1,402851E+22	1,041996E+22	8,255128E+21	8,255131E+21	1,041994E+22	1,402842E+22
2315	1,795250E+22	2,114039E+22	2,289912E+22	2,289904E+22	2,113992E+22	1,795186E+22	1,402792E+22	1,041958E+22	8,254869E+21	8,255000E+21	1,041995E+22	1,402847E+22
2316	1,795231E+22	2,113976E+22	2,289799E+22	2,289799E+22	2,113971E+22	1,795223E+22	1,402838E+22	1,041988E+22	8,254891E+21	8,254708E+21	1,041944E+22	1,402792E+22
2317	1,795211E+22	2,114035E+22	2,289938E+22	2,289934E+22	2,114048E+22	1,795253E+22	1,402824E+22	1,041945E+22	8,254505E+21	8,254530E+21	1,041949E+22	1,402820E+22
2318	1,795254E+22	2,114073E+22	2,289969E+22	2,289941E+22	2,113987E+22	1,795170E+22	1,402775E+22	1,041923E+22	8,254287E+21	8,254263E+21	1,041919E+22	1,402781E+22
2319	1,795193E+22	2,113987E+22	2,289871E+22	2,289914E+22	2,114054E+22	1,795244E+22	1,402812E+22	1,041932E+22	8,254191E+21	8,254055E+21	1,041896E+22	1,402767E+22
2320	1,795213E+22	2,114067E+22	2,289989E+22	2,290004E+22	2,114106E+22	1,795250E+22	1,402772E+22	1,041876E+22	8,253823E+21	8,254020E+21	1,041922E+22	1,402806E+22
2321	1,795233E+22	2,114041E+22	2,289922E+22	2,289895E+22	2,114000E+22	1,795215E+22	1,402790E+22	1,041899E+22	8,253813E+21	8,253748E+21	1,041884E+22	1,402772E+22
2322	1,795200E+22	2,113996E+22	2,289895E+22	2,289938E+22	2,114072E+22	1,795267E+22	1,402822E+22	1,041913E+22	8,253875E+21	8,253754E+21	1,041878E+22	1,402778E+22
2323	1,795255E+22	2,114108E+22	2,290005E+22	2,289994E+22	2,114053E+22	1,795196E+22	1,402754E+22	1,041880E+22	8,253842E+21	8,253971E+21	1,041914E+22	1,402800E+22
2324	1,795229E+22	2,114027E+22	2,289880E+22	2,289862E+22	2,113993E+22	1,795205E+22	1,402791E+22	1,041926E+22	8,254227E+21	8,254129E+21	1,041904E+22	1,402766E+22
2325	1,795185E+22	2,114012E+22	2,289940E+22	2,289959E+22	2,114071E+22	1,795262E+22	1,402816E+22	1,041928E+22	8,254323E+21	8,254400E+21	1,041943E+22	1,402817E+22
2326	1,795241E+22	2,114048E+22	2,289947E+22	2,289941E+22	2,114002E+22	1,795180E+22	1,402779E+22	1,041933E+22	8,254559E+21	8,254691E+21	1,041967E+22	1,402820E+22
2327	1,795208E+22	2,113962E+22	2,289797E+22	2,289819E+22	2,113989E+22	1,795228E+22	1,402843E+22	1,041998E+22	8,255065E+21	8,254944E+21	1,041964E+22	1,402800E+22
2328	1,795206E+22	2,114018E+22	2,289903E+22	2,289902E+22	2,114033E+22	1,795241E+22	1,402829E+22	1,041989E+22	8,255257E+21	8,255386E+21	1,042016E+22	1,402843E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2329	1,795224E+22	2,114000E+22	2,289855E+22	2,289810E+22	2,113910E+22	1,795167E+22	1,402830E+22	1,042027E+22	8,255642E+21	8,255602E+21	1,042017E+22	1,402819E+22
2330	1,795165E+22	2,113906E+22	2,289771E+22	2,289812E+22	2,113975E+22	1,795224E+22	1,402873E+22	1,042064E+22	8,255952E+21	8,255808E+21	1,042023E+22	1,402821E+22
2331	1,795192E+22	2,113983E+22	2,289872E+22	2,289885E+22	2,113996E+22	1,795191E+22	1,402815E+22	1,042023E+22	8,255871E+21	8,256069E+21	1,042077E+22	1,402876E+22
2332	1,795200E+22	2,113917E+22	2,289741E+22	2,289728E+22	2,113896E+22	1,795183E+22	1,402851E+22	1,042059E+22	8,256028E+21	8,255981E+21	1,042050E+22	1,402842E+22
2333	1,795173E+22	2,113909E+22	2,289781E+22	2,289809E+22	2,113973E+22	1,795242E+22	1,402885E+22	1,042057E+22	8,255873E+21	8,255826E+21	1,042041E+22	1,402858E+22
2334	1,795237E+22	2,114009E+22	2,289869E+22	2,289849E+22	2,113940E+22	1,795158E+22	1,402813E+22	1,042019E+22	8,255672E+21	8,255736E+21	1,042037E+22	1,402846E+22
2335	1,795207E+22	2,113956E+22	2,289772E+22	2,289754E+22	2,113923E+22	1,795190E+22	1,402842E+22	1,042034E+22	8,255604E+21	8,255432E+21	1,041991E+22	1,402797E+22
2336	1,795176E+22	2,113988E+22	2,289900E+22	2,289907E+22	2,114027E+22	1,795234E+22	1,402825E+22	1,041986E+22	8,255215E+21	8,255287E+21	1,042001E+22	1,402828E+22
2337	1,795210E+22	2,113995E+22	2,289886E+22	2,289879E+22	2,113965E+22	1,795171E+22	1,402797E+22	1,041970E+22	8,254967E+21	8,254992E+21	1,041978E+22	1,402808E+22
2338	1,795176E+22	2,113922E+22	2,289785E+22	2,289841E+22	2,114017E+22	1,795239E+22	1,402842E+22	1,041986E+22	8,254862E+21	8,254700E+21	1,041943E+22	1,402788E+22
2339	1,795200E+22	2,114019E+22	2,289920E+22	2,289936E+22	2,114060E+22	1,795235E+22	1,402798E+22	1,041936E+22	8,254551E+21	8,254689E+21	1,041973E+22	1,402835E+22
2340	1,795228E+22	2,114001E+22	2,289848E+22	2,289807E+22	2,113933E+22	1,795186E+22	1,402807E+22	1,041958E+22	8,254652E+21	8,254587E+21	1,041944E+22	1,402794E+22
2341	1,795190E+22	2,113970E+22	2,289856E+22	2,289871E+22	2,113999E+22	1,795234E+22	1,402846E+22	1,041977E+22	8,254736E+21	8,254618E+21	1,041939E+22	1,402794E+22
2342	1,795224E+22	2,114051E+22	2,289949E+22	2,289947E+22	2,114014E+22	1,795170E+22	1,402769E+22	1,041941E+22	8,254753E+21	8,254903E+21	1,041981E+22	1,402821E+22
2343	1,795207E+22	2,113983E+22	2,289817E+22	2,289795E+22	2,113949E+22	1,795184E+22	1,402801E+22	1,041975E+22	8,255030E+21	8,255008E+21	1,041973E+22	1,402799E+22
2344	1,795175E+22	2,113965E+22	2,289870E+22	2,289890E+22	2,114028E+22	1,795249E+22	1,402838E+22	1,041987E+22	8,255174E+21	8,255263E+21	1,042005E+22	1,402841E+22
2345	1,795225E+22	2,113996E+22	2,289865E+22	2,289855E+22	2,113948E+22	1,795167E+22	1,402813E+22	1,042006E+22	8,255477E+21	8,255556E+21	1,042027E+22	1,402841E+22
2346	1,795193E+22	2,113917E+22	2,289736E+22	2,289749E+22	2,113930E+22	1,795201E+22	1,402870E+22	1,042070E+22	8,256008E+21	8,255812E+21	1,042017E+22	1,402805E+22
2347	1,795168E+22	2,113959E+22	2,289851E+22	2,289855E+22	2,113991E+22	1,795217E+22	1,402851E+22	1,042058E+22	8,256185E+21	8,256295E+21	1,042083E+22	1,402865E+22
2348	1,795189E+22	2,113925E+22	2,289770E+22	2,289738E+22	2,113865E+22	1,795147E+22	1,402847E+22	1,042089E+22	8,256576E+21	8,256594E+21	1,042094E+22	1,402851E+22
2349	1,795144E+22	2,113846E+22	2,289693E+22	2,289728E+22	2,113916E+22	1,795214E+22	1,402906E+22	1,042127E+22	8,256805E+21	8,256694E+21	1,042092E+22	1,402853E+22
2350	1,795176E+22	2,113921E+22	2,289790E+22	2,289810E+22	2,113948E+22	1,795179E+22	1,402846E+22	1,042089E+22	8,256719E+21	8,256888E+21	1,042134E+22	1,402901E+22
2351	1,795202E+22	2,113898E+22	2,289686E+22	2,289649E+22	2,113833E+22	1,795151E+22	1,402862E+22	1,042109E+22	8,256766E+21	8,256705E+21	1,042100E+22	1,402862E+22
2352	1,795169E+22	2,113888E+22	2,289745E+22	2,289758E+22	2,113924E+22	1,795212E+22	1,402891E+22	1,042107E+22	8,256632E+21	8,256559E+21	1,042086E+22	1,402863E+22
2353	1,795208E+22	2,113963E+22	2,289821E+22	2,289804E+22	2,113906E+22	1,795140E+22	1,402828E+22	1,042070E+22	8,256387E+21	8,256457E+21	1,042089E+22	1,402858E+22
2354	1,795175E+22	2,113896E+22	2,289720E+22	2,289718E+22	2,113899E+22	1,795174E+22	1,402853E+22	1,042079E+22	8,256273E+21	8,256106E+21	1,042039E+22	1,402809E+22
2355	1,795142E+22	2,113918E+22	2,289832E+22	2,289862E+22	2,114010E+22	1,795237E+22	1,402849E+22	1,042033E+22	8,255840E+21	8,255941E+21	1,042058E+22	1,402861E+22
2356	1,795197E+22	2,113934E+22	2,289792E+22	2,289788E+22	2,113913E+22	1,795163E+22	1,402825E+22	1,042025E+22	8,255676E+21	8,255713E+21	1,042034E+22	1,402839E+22
2357	1,795179E+22	2,113896E+22	2,289725E+22	2,289747E+22	2,113938E+22	1,795217E+22	1,402874E+22	1,042050E+22	8,255642E+21	8,255421E+21	1,041990E+22	1,402803E+22
2358	1,795187E+22	2,113983E+22	2,289869E+22	2,289871E+22	2,114000E+22	1,795203E+22	1,402816E+22	1,042000E+22	8,255422E+21	8,255504E+21	1,042022E+22	1,402841E+22
2359	1,795211E+22	2,113977E+22	2,289810E+22	2,289751E+22	2,113874E+22	1,795142E+22	1,402804E+22	1,042005E+22	8,255439E+21	8,255422E+21	1,042004E+22	1,402812E+22
2360	1,795165E+22	2,113923E+22	2,289812E+22	2,289835E+22	2,113969E+22	1,795207E+22	1,402845E+22	1,042023E+22	8,255544E+21	8,255474E+21	1,042003E+22	1,402815E+22
2361	1,795193E+22	2,113981E+22	2,289870E+22	2,289882E+22	2,113984E+22	1,795168E+22	1,402795E+22	1,041998E+22	8,255545E+21	8,255735E+21	1,042047E+22	1,402852E+22
2362	1,795193E+22	2,113922E+22	2,289742E+22	2,289729E+22	2,113908E+22	1,795176E+22	1,402834E+22	1,042042E+22	8,255859E+21	8,255789E+21	1,042027E+22	1,402818E+22
2363	1,795156E+22	2,113914E+22	2,289803E+22	2,289825E+22	2,113987E+22	1,795241E+22	1,402872E+22	1,042060E+22	8,256069E+21	8,256097E+21	1,042064E+22	1,402862E+22
2364	1,795204E+22	2,113941E+22	2,289785E+22	2,289765E+22	2,113885E+22	1,795148E+22	1,402843E+22	1,042082E+22	8,256503E+21	8,256561E+21	1,042096E+22	1,402861E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795169E+22	2,113869E+22	2,289679E+22	2,289674E+22	2,113860E+22	1,795177E+22	1,402902E+22	1,042147E+22	8,257030E+21	8,256822E+21	1,042089E+22	1,402827E+22
2366	1,795132E+22	2,113882E+22	2,289771E+22	2,289793E+22	2,113947E+22	1,795194E+22	1,402870E+22	1,042126E+22	8,257190E+21	8,257316E+21	1,042157E+22	1,402894E+22
2367	1,795173E+22	2,113872E+22	2,289687E+22	2,289652E+22	2,113807E+22	1,795123E+22	1,402857E+22	1,042139E+22	8,257394E+21	8,257501E+21	1,042169E+22	1,402894E+22
2368	1,795147E+22	2,113807E+22	2,289626E+22	2,289654E+22	2,113859E+22	1,795186E+22	1,402916E+22	1,042179E+22	8,257586E+21	8,257477E+21	1,042150E+22	1,402880E+22
2369	1,795172E+22	2,113885E+22	2,289723E+22	2,289728E+22	2,113887E+22	1,795156E+22	1,402867E+22	1,042148E+22	8,257490E+21	8,257620E+21	1,042183E+22	1,402917E+22
2370	1,795191E+22	2,113867E+22	2,289652E+22	2,289606E+22	2,113785E+22	1,795124E+22	1,402875E+22	1,042162E+22	8,257495E+21	8,257377E+21	1,042137E+22	1,402859E+22
2371	1,795135E+22	2,113843E+22	2,289711E+22	2,289735E+22	2,113903E+22	1,795198E+22	1,402904E+22	1,042156E+22	8,257311E+21	8,257238E+21	1,042134E+22	1,402872E+22
2372	1,795169E+22	2,113892E+22	2,289745E+22	2,289747E+22	2,113881E+22	1,795138E+22	1,402847E+22	1,042120E+22	8,257122E+21	8,257217E+21	1,042145E+22	1,402879E+22
2373	1,795151E+22	2,113837E+22	2,289649E+22	2,289644E+22	2,113852E+22	1,795177E+22	1,402890E+22	1,042136E+22	8,256983E+21	8,256812E+21	1,042092E+22	1,402831E+22
2374	1,795122E+22	2,113852E+22	2,289747E+22	2,289786E+22	2,113963E+22	1,795229E+22	1,402881E+22	1,042097E+22	8,256626E+21	8,256667E+21	1,042105E+22	1,402876E+22
2375	1,795196E+22	2,113910E+22	2,289731E+22	2,289702E+22	2,113842E+22	1,795131E+22	1,402835E+22	1,042076E+22	8,256423E+21	8,256459E+21	1,042087E+22	1,402861E+22
2376	1,795175E+22	2,113875E+22	2,289689E+22	2,289691E+22	2,113875E+22	1,795174E+22	1,402874E+22	1,042100E+22	8,256433E+21	8,256207E+21	1,042043E+22	1,402816E+22
2377	1,795164E+22	2,113940E+22	2,289820E+22	2,289820E+22	2,113953E+22	1,795173E+22	1,402824E+22	1,042053E+22	8,256210E+21	8,256323E+21	1,042084E+22	1,402865E+22
2378	1,795189E+22	2,113921E+22	2,289762E+22	2,289720E+22	2,113848E+22	1,795122E+22	1,402810E+22	1,042050E+22	8,256174E+21	8,256189E+21	1,042061E+22	1,402834E+22
2379	1,795143E+22	2,113862E+22	2,289745E+22	2,289788E+22	2,113950E+22	1,795211E+22	1,402869E+22	1,042075E+22	8,256250E+21	8,256227E+21	1,042066E+22	1,402848E+22
2380	1,795182E+22	2,113922E+22	2,289780E+22	2,289792E+22	2,113934E+22	1,795167E+22	1,402832E+22	1,042067E+22	8,256413E+21	8,256576E+21	1,042108E+22	1,402879E+22
2381	1,795187E+22	2,113887E+22	2,289680E+22	2,289638E+22	2,113831E+22	1,795161E+22	1,402877E+22	1,042123E+22	8,256847E+21	8,256691E+21	1,042083E+22	1,402829E+22
2382	1,795128E+22	2,113855E+22	2,289735E+22	2,289757E+22	2,113930E+22	1,795219E+22	1,402903E+22	1,042141E+22	8,257152E+21	8,257114E+21	1,042124E+22	1,402868E+22
2383	1,795174E+22	2,113892E+22	2,289721E+22	2,289694E+22	2,113822E+22	1,795110E+22	1,402850E+22	1,042143E+22	8,257473E+21	8,257589E+21	1,042172E+22	1,402887E+22
2384	1,795141E+22	2,113805E+22	2,289606E+22	2,289610E+22	2,113810E+22	1,795146E+22	1,402905E+22	1,042203E+22	8,257952E+21	8,257789E+21	1,042163E+22	1,402859E+22
2385	1,795111E+22	2,113811E+22	2,289674E+22	2,289706E+22	2,113895E+22	1,795183E+22	1,402895E+22	1,042186E+22	8,258018E+21	8,258179E+21	1,042227E+22	1,402933E+22
2386	1,795171E+22	2,113821E+22	2,289616E+22	2,289585E+22	2,113752E+22	1,795099E+22	1,402877E+22	1,042197E+22	8,258156E+21	8,258224E+21	1,042219E+22	1,402915E+22
2387	1,795142E+22	2,113775E+22	2,289576E+22	2,289599E+22	2,113816E+22	1,795171E+22	1,402937E+22	1,042235E+22	8,258321E+21	8,258190E+21	1,042201E+22	1,402896E+22
2388	1,795155E+22	2,113847E+22	2,289669E+22	2,289661E+22	2,113834E+22	1,795140E+22	1,402891E+22	1,042208E+22	8,258312E+21	8,258419E+21	1,042236E+22	1,402927E+22
2389	1,795165E+22	2,113827E+22	2,289613E+22	2,289557E+22	2,113737E+22	1,795110E+22	1,402901E+22	1,042223E+22	8,258310E+21	8,258170E+21	1,042190E+22	1,402867E+22
2390	1,795095E+22	2,113768E+22	2,289638E+22	2,289691E+22	2,113882E+22	1,795195E+22	1,402926E+22	1,042213E+22	8,258124E+21	8,258039E+21	1,042187E+22	1,402885E+22
2391	1,795150E+22	2,113840E+22	2,289663E+22	2,289670E+22	2,113832E+22	1,795126E+22	1,402863E+22	1,042165E+22	8,257805E+21	8,257957E+21	1,042205E+22	1,402910E+22
2392	1,795149E+22	2,113798E+22	2,289583E+22	2,289572E+22	2,113790E+22	1,795147E+22	1,402903E+22	1,042189E+22	8,257701E+21	8,257497E+21	1,042141E+22	1,402853E+22
2393	1,795117E+22	2,113818E+22	2,289681E+22	2,289705E+22	2,113895E+22	1,795200E+22	1,402898E+22	1,042152E+22	8,257371E+21	8,257384E+21	1,042154E+22	1,402894E+22
2394	1,795184E+22	2,113877E+22	2,289698E+22	2,289664E+22	2,113788E+22	1,795094E+22	1,402838E+22	1,042121E+22	8,257134E+21	8,257168E+21	1,042133E+22	1,402868E+22
2395	1,795150E+22	2,113834E+22	2,289654E+22	2,289670E+22	2,113854E+22	1,795156E+22	1,402877E+22	1,042139E+22	8,257098E+21	8,256949E+21	1,042103E+22	1,402836E+22
2396	1,795135E+22	2,113876E+22	2,289746E+22	2,289760E+22	2,113923E+22	1,795173E+22	1,402845E+22	1,042104E+22	8,256978E+21	8,257138E+21	1,042147E+22	1,402892E+22
2397	1,795174E+22	2,113869E+22	2,289693E+22	2,289651E+22	2,113804E+22	1,795129E+22	1,402851E+22	1,042114E+22	8,256982E+21	8,256977E+21	1,042117E+22	1,402856E+22
2398	1,795126E+22	2,113801E+22	2,289661E+22	2,289716E+22	2,113906E+22	1,795208E+22	1,402909E+22	1,042151E+22	8,257190E+21	8,257072E+21	1,042115E+22	1,402858E+22
2399	1,795170E+22	2,113887E+22	2,289707E+22	2,289703E+22	2,113863E+22	1,795142E+22	1,402856E+22	1,042135E+22	8,257362E+21	8,257507E+21	1,042171E+22	1,402898E+22
2400	1,795169E+22	2,113846E+22	2,289627E+22	2,289575E+22	2,113762E+22	1,795121E+22	1,402890E+22	1,042192E+22	8,257840E+21	8,257666E+21	1,042151E+22	1,402846E+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°
2401	1,795095E+22	2,113789E+22	2,289654E+22	2,289683E+22	2,113869E+22	1,795188E+22	1,402918E+22	1,042207E+22	8,258126E+21	8,258128E+21	1,042202E+22	1,402898E+22
2402	1,795147E+22	2,113820E+22	2,289646E+22	2,289637E+22	2,113776E+22	1,795086E+22	1,402859E+22	1,042196E+22	8,258332E+21	8,258505E+21	1,042243E+22	1,402921E+22
2403	1,795130E+22	2,113749E+22	2,289529E+22	2,289544E+22	2,113770E+22	1,795136E+22	1,402924E+22	1,042253E+22	8,258693E+21	8,258610E+21	1,042233E+22	1,402898E+22
2404	1,795109E+22	2,113766E+22	2,289590E+22	2,289611E+22	2,113828E+22	1,795167E+22	1,402925E+22	1,042253E+22	8,258875E+21	8,258996E+21	1,042284E+22	1,402958E+22
2405	1,795170E+22	2,113800E+22	2,289572E+22	2,289514E+22	2,113686E+22	1,795080E+22	1,402908E+22	1,042266E+22	8,259035E+21	8,259018E+21	1,042265E+22	1,402918E+22
2406	1,795112E+22	2,113728E+22	2,289528E+22	2,289557E+22	2,113778E+22	1,795154E+22	1,402961E+22	1,042302E+22	8,259230E+21	8,259032E+21	1,042246E+22	1,402891E+22
2407	1,795119E+22	2,113800E+22	2,289614E+22	2,289611E+22	2,113793E+22	1,795121E+22	1,402902E+22	1,042258E+22	8,259108E+21	8,259260E+21	1,042297E+22	1,402943E+22
2408	1,795131E+22	2,113763E+22	2,289547E+22	2,289510E+22	2,113703E+22	1,795095E+22	1,402914E+22	1,042273E+22	8,259065E+21	8,258947E+21	1,042249E+22	1,402890E+22
2409	1,795070E+22	2,113697E+22	2,289541E+22	2,289608E+22	2,113836E+22	1,795190E+22	1,402955E+22	1,042268E+22	8,258841E+21	8,258772E+21	1,042245E+22	1,402914E+22
2410	1,795141E+22	2,113789E+22	2,289594E+22	2,289606E+22	2,113778E+22	1,795101E+22	1,402879E+22	1,042215E+22	8,258479E+21	8,258603E+21	1,042250E+22	1,402929E+22
2411	1,795145E+22	2,113772E+22	2,289534E+22	2,289517E+22	2,113744E+22	1,795125E+22	1,402913E+22	1,042232E+22	8,258340E+21	8,258170E+21	1,042193E+22	1,402872E+22
2412	1,795105E+22	2,113787E+22	2,289632E+22	2,289643E+22	2,113835E+22	1,795173E+22	1,402913E+22	1,042205E+22	8,258123E+21	8,258146E+21	1,042209E+22	1,402913E+22
2413	1,795168E+22	2,113845E+22	2,289660E+22	2,289620E+22	2,113745E+22	1,795076E+22	1,402854E+22	1,042173E+22	8,257888E+21	8,257935E+21	1,042188E+22	1,402884E+22
2414	1,795123E+22	2,113773E+22	2,289587E+22	2,289628E+22	2,113836E+22	1,795157E+22	1,402899E+22	1,042192E+22	8,257878E+21	8,257737E+21	1,042156E+22	1,402854E+22
2415	1,795126E+22	2,113834E+22	2,289669E+22	2,289683E+22	2,113873E+22	1,795164E+22	1,402868E+22	1,042154E+22	8,257707E+21	8,257909E+21	1,042206E+22	1,402920E+22
2416	1,795170E+22	2,113833E+22	2,289627E+22	2,289578E+22	2,113740E+22	1,795101E+22	1,402874E+22	1,042181E+22	8,257840E+21	8,257768E+21	1,042169E+22	1,402871E+22
2417	1,795109E+22	2,113756E+22	2,289585E+22	2,289631E+22	2,113838E+22	1,795183E+22	1,402937E+22	1,042223E+22	8,258139E+21	8,257973E+21	1,042173E+22	1,402868E+22
2418	1,795137E+22	2,113831E+22	2,289655E+22	2,289655E+22	2,113804E+22	1,795104E+22	1,402867E+22	1,042196E+22	8,258279E+21	8,258423E+21	1,042232E+22	1,402909E+22
2419	1,795132E+22	2,113783E+22	2,289564E+22	2,289531E+22	2,113728E+22	1,795099E+22	1,402900E+22	1,042245E+22	8,258689E+21	8,258612E+21	1,042228E+22	1,402875E+22
2420	1,795065E+22	2,113715E+22	2,289560E+22	2,289598E+22	2,113815E+22	1,795177E+22	1,402945E+22	1,042270E+22	8,259032E+21	8,259081E+21	1,042279E+22	1,402936E+22
2421	1,795137E+22	2,113768E+22	2,289565E+22	2,289550E+22	2,113717E+22	1,795079E+22	1,402896E+22	1,042265E+22	8,259222E+21	8,259379E+21	1,042307E+22	1,402948E+22
2422	1,795119E+22	2,113701E+22	2,289452E+22	2,289471E+22	2,113723E+22	1,795125E+22	1,402956E+22	1,042325E+22	8,259632E+21	8,259470E+21	1,042283E+22	1,402911E+22
2423	1,795104E+22	2,113742E+22	2,289532E+22	2,289533E+22	2,113760E+22	1,795140E+22	1,402944E+22	1,042314E+22	8,259768E+21	8,259883E+21	1,042344E+22	1,402974E+22
2424	1,795150E+22	2,113764E+22	2,289532E+22	2,289473E+22	2,113634E+22	1,795045E+22	1,402922E+22	1,042330E+22	8,259932E+21	8,259886E+21	1,042324E+22	1,402929E+22
2425	1,795075E+22	2,113664E+22	2,289457E+22	2,289504E+22	2,113741E+22	1,795137E+22	1,402979E+22	1,042361E+22	8,260080E+21	8,259909E+21	1,042312E+22	1,402912E+22
2426	1,795082E+22	2,113724E+22	2,289542E+22	2,289564E+22	2,113762E+22	1,795110E+22	1,402917E+22	1,042304E+22	8,259809E+21	8,260015E+21	1,042357E+22	1,402970E+22
2427	1,795118E+22	2,113709E+22	2,289470E+22	2,289445E+22	2,113668E+22	1,795090E+22	1,402936E+22	1,042316E+22	8,259665E+21	8,259627E+21	1,042309E+22	1,402922E+22
2428	1,795068E+22	2,113659E+22	2,289459E+22	2,289509E+22	2,113762E+22	1,795169E+22	1,402983E+22	1,042327E+22	8,259578E+21	8,259471E+21	1,042295E+22	1,402939E+22
2429	1,795142E+22	2,113773E+22	2,289551E+22	2,289536E+22	2,113715E+22	1,795078E+22	1,402899E+22	1,042272E+22	8,259238E+21	8,259311E+21	1,042293E+22	1,402936E+22
2430	1,795124E+22	2,113738E+22	2,289496E+22	2,289482E+22	2,113709E+22	1,795101E+22	1,402923E+22	1,042282E+22	8,259103E+21	8,258908E+21	1,042235E+22	1,402875E+22
2431	1,795084E+22	2,113751E+22	2,289581E+22	2,289594E+22	2,113794E+22	1,795148E+22	1,402916E+22	1,042245E+22	8,258821E+21	8,258910E+21	1,042268E+22	1,402935E+22
2432	1,795146E+22	2,113795E+22	2,289604E+22	2,289579E+22	2,113715E+22	1,795060E+22	1,402869E+22	1,042221E+22	8,258579E+21	8,258638E+21	1,042242E+22	1,402905E+22
2433	1,795102E+22	2,113714E+22	2,289501E+22	2,289552E+22	2,113791E+22	1,795152E+22	1,402932E+22	1,042253E+22	8,258634E+21	8,258480E+21	1,042209E+22	1,402873E+22
2434	1,795103E+22	2,113781E+22	2,289606E+22	2,289622E+22	2,113820E+22	1,795145E+22	1,402893E+22	1,042215E+22	8,258501E+21	8,258653E+21	1,042253E+22	1,402930E+22
2435	1,795150E+22	2,113795E+22	2,289572E+22	2,289519E+22	2,113694E+22	1,795082E+22	1,402895E+22	1,042238E+22	8,258664E+21	8,258632E+21	1,042233E+22	1,402886E+22
2436	1,795079E+22	2,113703E+22	2,289513E+22	2,289551E+22	2,113771E+22	1,795155E+22	1,402962E+22	1,042294E+22	8,259114E+21	8,258954E+21	1,042245E+22	1,402893E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,795110E+22	2,113773E+22	2,289585E+22	2,289590E+22	2,113758E+22	1,795086E+22	1,402887E+22	1,042262E+22	8,259241E+21	8,259406E+21	1,042306E+22	1,402937E+22
2438	1,795105E+22	2,113711E+22	2,289475E+22	2,289465E+22	2,113694E+22	1,795092E+22	1,402924E+22	1,042307E+22	8,259609E+21	8,259556E+21	1,042296E+22	1,402908E+22
2439	1,795065E+22	2,113673E+22	2,289474E+22	2,289502E+22	2,113744E+22	1,795152E+22	1,402968E+22	1,042331E+22	8,259889E+21	8,259979E+21	1,042349E+22	1,402974E+22
2440	1,795141E+22	2,113740E+22	2,289507E+22	2,289478E+22	2,113647E+22	1,795042E+22	1,402917E+22	1,042335E+22	8,260128E+21	8,260221E+21	1,042363E+22	1,402966E+22
2441	1,795104E+22	2,113664E+22	2,289393E+22	2,289400E+22	2,113663E+22	1,795100E+22	1,402981E+22	1,042394E+22	8,260568E+21	8,260377E+21	1,042342E+22	1,402919E+22
2442	1,795066E+22	2,113689E+22	2,289492E+22	2,289500E+22	2,113718E+22	1,795111E+22	1,402957E+22	1,042370E+22	8,260606E+21	8,260730E+21	1,042400E+22	1,402982E+22
2443	1,795112E+22	2,113701E+22	2,289469E+22	2,289434E+22	2,113619E+22	1,795039E+22	1,402938E+22	1,042377E+22	8,260672E+21	8,260721E+21	1,042391E+22	1,402952E+22
2444	1,795043E+22	2,113591E+22	2,289362E+22	2,289420E+22	2,113697E+22	1,795136E+22	1,403013E+22	1,042421E+22	8,260863E+21	8,260707E+21	1,042376E+22	1,402945E+22
2445	1,795071E+22	2,113671E+22	2,289459E+22	2,289478E+22	2,113710E+22	1,795103E+22	1,402950E+22	1,042366E+22	8,260566E+21	8,260724E+21	1,042407E+22	1,402991E+22
2446	1,795106E+22	2,113665E+22	2,289399E+22	2,289373E+22	2,113619E+22	1,795074E+22	1,402962E+22	1,042376E+22	8,260444E+21	8,260330E+21	1,042350E+22	1,402936E+22
2447	1,795069E+22	2,113644E+22	2,289413E+22	2,289434E+22	2,113688E+22	1,795129E+22	1,402991E+22	1,042375E+22	8,260300E+21	8,260214E+21	1,042348E+22	1,402956E+22
2448	1,795128E+22	2,113749E+22	2,289523E+22	2,289497E+22	2,113661E+22	1,795032E+22	1,402902E+22	1,042321E+22	8,259962E+21	8,260033E+21	1,042345E+22	1,402949E+22
2449	1,795096E+22	2,113688E+22	2,289440E+22	2,289437E+22	2,113680E+22	1,795085E+22	1,402932E+22	1,042327E+22	8,259807E+21	8,259662E+21	1,042293E+22	1,402895E+22
2450	1,795054E+22	2,113690E+22	2,289526E+22	2,289555E+22	2,113768E+22	1,795137E+22	1,402929E+22	1,042284E+22	8,259429E+21	8,259563E+21	1,042318E+22	1,402956E+22
2451	1,795134E+22	2,113749E+22	2,289538E+22	2,289523E+22	2,113688E+22	1,795057E+22	1,402894E+22	1,042268E+22	8,259206E+21	8,259309E+21	1,042294E+22	1,402925E+22
2452	1,795087E+22	2,113671E+22	2,289427E+22	2,289462E+22	2,113726E+22	1,795134E+22	1,402967E+22	1,042324E+22	8,259486E+21	8,259263E+21	1,042261E+22	1,402888E+22
2453	1,795082E+22	2,113740E+22	2,289548E+22	2,289550E+22	2,113764E+22	1,795125E+22	1,402921E+22	1,042285E+22	8,259431E+21	8,259528E+21	1,042307E+22	1,402934E+22
2454	1,795110E+22	2,113733E+22	2,289509E+22	2,289468E+22	2,113658E+22	1,795063E+22	1,402916E+22	1,042305E+22	8,259628E+21	8,259586E+21	1,042295E+22	1,402903E+22
2455	1,795054E+22	2,113645E+22	2,289434E+22	2,289471E+22	2,113713E+22	1,795126E+22	1,402974E+22	1,042351E+22	8,260021E+21	8,259950E+21	1,042327E+22	1,402933E+22
2456	1,795096E+22	2,113714E+22	2,289506E+22	2,289515E+22	2,113702E+22	1,795060E+22	1,402909E+22	1,042327E+22	8,260125E+21	8,260314E+21	1,042378E+22	1,402975E+22
2457	1,795098E+22	2,113656E+22	2,289386E+22	2,289375E+22	2,113634E+22	1,795074E+22	1,402954E+22	1,042374E+22	8,260506E+21	8,260448E+21	1,042362E+22	1,402938E+22
2458	1,795053E+22	2,113631E+22	2,289419E+22	2,289437E+22	2,113685E+22	1,795122E+22	1,402986E+22	1,042392E+22	8,260747E+21	8,260808E+21	1,042404E+22	1,402991E+22
2459	1,795127E+22	2,113709E+22	2,289463E+22	2,289428E+22	2,113608E+22	1,795024E+22	1,402937E+22	1,042392E+22	8,260961E+21	8,261100E+21	1,042426E+22	1,402979E+22
2460	1,795071E+22	2,113612E+22	2,289333E+22	2,289333E+22	2,113608E+22	1,795079E+22	1,403009E+22	1,042465E+22	8,261510E+21	8,261307E+21	1,042410E+22	1,402939E+22
2461	1,795032E+22	2,113622E+22	2,289420E+22	2,289442E+22	2,113690E+22	1,795108E+22	1,402983E+22	1,042435E+22	8,261495E+21	8,261613E+21	1,042463E+22	1,403002E+22
2462	1,795081E+22	2,113629E+22	2,289382E+22	2,289367E+22	2,113592E+22	1,795042E+22	1,402968E+22	1,042436E+22	8,261481E+21	8,261519E+21	1,042447E+22	1,402979E+22
2463	1,795042E+22	2,113547E+22	2,289275E+22	2,289314E+22	2,113620E+22	1,795108E+22	1,403034E+22	1,042478E+22	8,261623E+21	8,261471E+21	1,042435E+22	1,402977E+22
2464	1,795074E+22	2,113645E+22	2,289405E+22	2,289403E+22	2,113637E+22	1,795060E+22	1,402965E+22	1,042426E+22	8,261332E+21	8,261422E+21	1,042452E+22	1,403005E+22
2465	1,795093E+22	2,113634E+22	2,289354E+22	2,289313E+22	2,113561E+22	1,795038E+22	1,402969E+22	1,042427E+22	8,261197E+21	8,261081E+21	1,042400E+22	1,402943E+22
2466	1,795034E+22	2,113600E+22	2,289390E+22	2,289412E+22	2,113651E+22	1,795093E+22	1,402987E+22	1,042412E+22	8,260941E+21	8,260896E+21	1,042397E+22	1,402967E+22
2467	1,795100E+22	2,113700E+22	2,289478E+22	2,289471E+22	2,113655E+22	1,795029E+22	1,402909E+22	1,042352E+22	8,260527E+21	8,260709E+21	1,042400E+22	1,402967E+22
2468	1,795069E+22	2,113627E+22	2,289365E+22	2,289366E+22	2,113645E+22	1,795087E+22	1,402965E+22	1,042381E+22	8,260489E+21	8,260342E+21	1,042345E+22	1,402920E+22
2469	1,795041E+22	2,113639E+22	2,289450E+22	2,289482E+22	2,113734E+22	1,795139E+22	1,402965E+22	1,042348E+22	8,260184E+21	8,260236E+21	1,042359E+22	1,402965E+22
2470	1,795113E+22	2,113701E+22	2,289470E+22	2,289455E+22	2,113650E+22	1,795052E+22	1,402927E+22	1,042336E+22	8,260062E+21	8,260071E+21	1,042338E+22	1,402936E+22
2471	1,795075E+22	2,113635E+22	2,289367E+22	2,289377E+22	2,113650E+22	1,795099E+22	1,402986E+22	1,042387E+22	8,260385E+21	8,260176E+21	1,042328E+22	1,402912E+22
2472	1,795061E+22	2,113691E+22	2,289495E+22	2,289493E+22	2,113703E+22	1,795081E+22	1,402933E+22	1,042352E+22	8,260349E+21	8,260456E+21	1,042378E+22	1,402962E+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	1,795084E+22	2,113666E+22	2,289429E+22	2,289398E+22	2,113614E+22	1,795042E+22	1,402929E+22	1,042362E+22	8,260527E+21	8,260561E+21	1,042374E+22	1,402940E+22
2474	1,795034E+22	2,113586E+22	2,289368E+22	2,289405E+22	2,113660E+22	1,795100E+22	1,402985E+22	1,042400E+22	8,260790E+21	8,260788E+21	1,042394E+22	1,402971E+22
2475	1,795099E+22	2,113679E+22	2,289439E+22	2,289440E+22	2,113653E+22	1,795044E+22	1,402931E+22	1,042381E+22	8,260899E+21	8,261134E+21	1,042440E+22	1,403001E+22
2476	1,795092E+22	2,113625E+22	2,289327E+22	2,289290E+22	2,113566E+22	1,795051E+22	1,402985E+22	1,042449E+22	8,261449E+21	8,261318E+21	1,042418E+22	1,402954E+22
2477	1,795034E+22	2,113593E+22	2,289369E+22	2,289381E+22	2,113642E+22	1,795103E+22	1,403011E+22	1,042465E+22	8,261713E+21	8,261700E+21	1,042456E+22	1,402990E+22
2478	1,795081E+22	2,113642E+22	2,289402E+22	2,289385E+22	2,113588E+22	1,795018E+22	1,402964E+22	1,042462E+22	8,261920E+21	8,262013E+21	1,042484E+22	1,402992E+22
2479	1,795038E+22	2,113541E+22	2,289251E+22	2,289256E+22	2,113559E+22	1,795065E+22	1,403031E+22	1,042525E+22	8,262389E+21	8,262240E+21	1,042483E+22	1,402972E+22
2480	1,795009E+22	2,113551E+22	2,289333E+22	2,289362E+22	2,113632E+22	1,795087E+22	1,403012E+22	1,042501E+22	8,262328E+21	8,262432E+21	1,042525E+22	1,403030E+22
2481	1,795066E+22	2,113569E+22	2,289290E+22	2,289274E+22	2,113530E+22	1,795023E+22	1,402994E+22	1,042500E+22	8,262317E+21	8,262333E+21	1,042506E+22	1,403003E+22
2482	1,795028E+22	2,113511E+22	2,289228E+22	2,289248E+22	2,113553E+22	1,795068E+22	1,403039E+22	1,042526E+22	8,262345E+21	8,262189E+21	1,042484E+22	1,402994E+22
2483	1,795067E+22	2,113621E+22	2,289371E+22	2,289357E+22	2,113593E+22	1,795032E+22	1,402969E+22	1,042466E+22	8,261998E+21	8,262156E+21	1,042506E+22	1,403019E+22
2484	1,795069E+22	2,113592E+22	2,289311E+22	2,289267E+22	2,113519E+22	1,795015E+22	1,402982E+22	1,042477E+22	8,261916E+21	8,261812E+21	1,042455E+22	1,402965E+22
2485	1,795012E+22	2,113546E+22	2,289330E+22	2,289372E+22	2,113640E+22	1,795093E+22	1,403002E+22	1,042457E+22	8,261607E+21	8,261570E+21	1,042445E+22	1,402983E+22
2486	1,795077E+22	2,113640E+22	2,289405E+22	2,289417E+22	2,113642E+22	1,795044E+22	1,402942E+22	1,042405E+22	8,261187E+21	8,261331E+21	1,042442E+22	1,402989E+22
2487	1,795069E+22	2,113590E+22	2,289293E+22	2,289275E+22	2,113577E+22	1,795069E+22	1,402993E+22	1,042440E+22	8,261231E+21	8,261059E+21	1,042397E+22	1,402944E+22
2488	1,795035E+22	2,113605E+22	2,289395E+22	2,289410E+22	2,113664E+22	1,795105E+22	1,402988E+22	1,042417E+22	8,261031E+21	8,261004E+21	1,042406E+22	1,402972E+22
2489	1,795087E+22	2,113653E+22	2,289413E+22	2,289390E+22	2,113593E+22	1,795023E+22	1,402942E+22	1,042399E+22	8,260966E+21	8,260978E+21	1,042401E+22	1,402948E+22
2490	1,795036E+22	2,113578E+22	2,289322E+22	2,289330E+22	2,113599E+22	1,795060E+22	1,402985E+22	1,042435E+22	8,261189E+21	8,261043E+21	1,042395E+22	1,402940E+22
2491	1,795042E+22	2,113635E+22	2,289429E+22	2,289437E+22	2,113672E+22	1,795070E+22	1,402944E+22	1,042395E+22	8,261095E+21	8,261321E+21	1,042449E+22	1,402996E+22
2492	1,795070E+22	2,113608E+22	2,289347E+22	2,289313E+22	2,113555E+22	1,795029E+22	1,402960E+22	1,042427E+22	8,261363E+21	8,261399E+21	1,042439E+22	1,402975E+22
2493	1,795031E+22	2,113542E+22	2,289293E+22	2,289331E+22	2,113617E+22	1,795090E+22	1,403014E+22	1,042469E+22	8,261677E+21	8,261598E+21	1,042445E+22	1,402984E+22
2494	1,795082E+22	2,113639E+22	2,289382E+22	2,289377E+22	2,113615E+22	1,795039E+22	1,402964E+22	1,042453E+22	8,261839E+21	8,261980E+21	1,042489E+22	1,403012E+22
2495	1,795073E+22	2,113583E+22	2,289271E+22	2,289214E+22	2,113495E+22	1,795020E+22	1,403008E+22	1,042521E+22	8,262443E+21	8,262308E+21	1,042488E+22	1,402973E+22
2496	1,795002E+22	2,113530E+22	2,289307E+22	2,289328E+22	2,113593E+22	1,795074E+22	1,403033E+22	1,042539E+22	8,262704E+21	8,262671E+21	1,042525E+22	1,403009E+22
2497	1,795042E+22	2,113560E+22	2,289309E+22	2,289313E+22	2,113550E+22	1,795011E+22	1,402988E+22	1,042525E+22	8,262859E+21	8,262998E+21	1,042560E+22	1,403022E+22
2498	1,795010E+22	2,113473E+22	2,289173E+22	2,289176E+22	2,113498E+22	1,795042E+22	1,403048E+22	1,042578E+22	8,263157E+21	8,263052E+21	1,042548E+22	1,403009E+22
2499	1,795011E+22	2,113512E+22	2,289260E+22	2,289279E+22	2,113571E+22	1,795065E+22	1,403029E+22	1,042551E+22	8,263058E+21	8,263193E+21	1,042580E+22	1,403053E+22
2500	1,795060E+22	2,113537E+22	2,289233E+22	2,289193E+22	2,113457E+22	1,794991E+22	1,403013E+22	1,042561E+22	8,263125E+21	8,263101E+21	1,042557E+22	1,403019E+22
2501	1,795016E+22	2,113480E+22	2,289186E+22	2,289206E+22	2,113518E+22	1,795043E+22	1,403045E+22	1,042576E+22	8,263099E+21	8,262918E+21	1,042528E+22	1,402997E+22
2502	1,795035E+22	2,113572E+22	2,289324E+22	2,289327E+22	2,113581E+22	1,795031E+22	1,402985E+22	1,042514E+22	8,262701E+21	8,262837E+21	1,042552E+22	1,403034E+22
2503	1,795050E+22	2,113537E+22	2,289246E+22	2,289207E+22	2,113480E+22	1,795007E+22	1,403000E+22	1,042524E+22	8,262592E+21	8,262528E+21	1,042512E+22	1,402993E+22
2504	1,795001E+22	2,113494E+22	2,289262E+22	2,289310E+22	2,113594E+22	1,795082E+22	1,403033E+22	1,042516E+22	8,262298E+21	8,262211E+21	1,042488E+22	1,402998E+22
2505	1,795061E+22	2,113589E+22	2,289329E+22	2,289341E+22	2,113593E+22	1,795036E+22	1,402972E+22	1,042467E+22	8,261974E+21	8,262066E+21	1,042490E+22	1,402999E+22
2506	1,795046E+22	2,113554E+22	2,289253E+22	2,289214E+22	2,113511E+22	1,795036E+22	1,403003E+22	1,042492E+22	8,261978E+21	8,261804E+21	1,042448E+22	1,402959E+22
2507	1,795020E+22	2,113569E+22	2,289349E+22	2,289356E+22	2,113612E+22	1,795077E+22	1,402997E+22	1,042465E+22	8,261805E+21	8,261846E+21	1,042467E+22	1,402988E+22
2508	1,795059E+22	2,113598E+22	2,289352E+22	2,289331E+22	2,113544E+22	1,794999E+22	1,402956E+22	1,042457E+22	8,261823E+21	8,261871E+21	1,042470E+22	1,402981E+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°
2509	1,795022E+22	2,113520E+22	2,289246E+22	2,289276E+22	2,113574E+22	1,795050E+22	1,402995E+22	1,042484E+22	8,261979E+21	8,261865E+21	1,042457E+22	1,402967E+22
2510	1,795030E+22	2,113582E+22	2,289349E+22	2,289366E+22	2,113635E+22	1,795071E+22	1,402975E+22	1,042456E+22	8,261891E+21	8,262074E+21	1,042503E+22	1,403027E+22
2511	1,795075E+22	2,113573E+22	2,289278E+22	2,289224E+22	2,113480E+22	1,795001E+22	1,402985E+22	1,042495E+22	8,262250E+21	8,262250E+21	1,042498E+22	1,402998E+22
2512	1,795023E+22	2,113508E+22	2,289244E+22	2,289265E+22	2,113547E+22	1,795056E+22	1,403039E+22	1,042544E+22	8,262646E+21	8,262494E+21	1,042498E+22	1,402987E+22
2513	1,795044E+22	2,113580E+22	2,289319E+22	2,289319E+22	2,113568E+22	1,795022E+22	1,402988E+22	1,042526E+22	8,262870E+21	8,263007E+21	1,042557E+22	1,403018E+22
2514	1,795021E+22	2,113512E+22	2,289213E+22	2,289165E+22	2,113450E+22	1,794996E+22	1,403020E+22	1,042578E+22	8,263348E+21	8,263273E+21	1,042561E+22	1,403001E+22
2515	1,794975E+22	2,113456E+22	2,289216E+22	2,289257E+22	2,113556E+22	1,795070E+22	1,403055E+22	1,042592E+22	8,263547E+21	8,263603E+21	1,042597E+22	1,403039E+22
2516	1,795023E+22	2,113490E+22	2,289211E+22	2,289216E+22	2,113485E+22	1,794998E+22	1,403023E+22	1,042595E+22	8,263740E+21	8,263861E+21	1,042626E+22	1,403058E+22
2517	1,795009E+22	2,113427E+22	2,289089E+22	2,289096E+22	2,113445E+22	1,795020E+22	1,403067E+22	1,042640E+22	8,263993E+21	8,263828E+21	1,042599E+22	1,403025E+22
2518	1,795002E+22	2,113481E+22	2,289206E+22	2,289214E+22	2,113520E+22	1,795050E+22	1,403054E+22	1,042612E+22	8,263860E+21	8,263927E+21	1,042628E+22	1,403070E+22
2519	1,795052E+22	2,113508E+22	2,289191E+22	2,289134E+22	2,113390E+22	1,794954E+22	1,403023E+22	1,042615E+22	8,263921E+21	8,263917E+21	1,042617E+22	1,403041E+22
2520	1,794998E+22	2,113438E+22	2,289143E+22	2,289171E+22	2,113479E+22	1,795018E+22	1,403057E+22	1,042628E+22	8,263846E+21	8,263673E+21	1,042582E+22	1,403013E+22
2521	1,795009E+22	2,113513E+22	2,289254E+22	2,289273E+22	2,113558E+22	1,795036E+22	1,403007E+22	1,042561E+22	8,263414E+21	8,263590E+21	1,042607E+22	1,403052E+22
2522	1,795028E+22	2,113491E+22	2,289190E+22	2,289147E+22	2,113430E+22	1,794992E+22	1,403018E+22	1,042568E+22	8,263206E+21	8,263155E+21	1,042560E+22	1,403016E+22
2523	1,795001E+22	2,113464E+22	2,289202E+22	2,289245E+22	2,113545E+22	1,795067E+22	1,403052E+22	1,042565E+22	8,262983E+21	8,262885E+21	1,042530E+22	1,403004E+22
2524	1,795040E+22	2,113551E+22	2,289277E+22	2,289275E+22	2,113528E+22	1,795007E+22	1,402992E+22	1,042528E+22	8,262784E+21	8,262835E+21	1,042539E+22	1,403008E+22
2525	1,795020E+22	2,113505E+22	2,289197E+22	2,289174E+22	2,113478E+22	1,795010E+22	1,403010E+22	1,042543E+22	8,262770E+21	8,262596E+21	1,042501E+22	1,402967E+22
2526	1,794986E+22	2,113511E+22	2,289286E+22	2,289312E+22	2,113588E+22	1,795073E+22	1,403015E+22	1,042516E+22	8,262560E+21	8,262609E+21	1,042526E+22	1,403016E+22
2527	1,795043E+22	2,113538E+22	2,289269E+22	2,289251E+22	2,113486E+22	1,794981E+22	1,402976E+22	1,042509E+22	8,262609E+21	8,262715E+21	1,042539E+22	1,403019E+22
2528	1,795020E+22	2,113473E+22	2,289171E+22	2,289202E+22	2,113514E+22	1,795030E+22	1,403024E+22	1,042549E+22	8,262799E+21	8,262654E+21	1,042511E+22	1,402988E+22
2529	1,795020E+22	2,113537E+22	2,289275E+22	2,289288E+22	2,113579E+22	1,795058E+22	1,403004E+22	1,042525E+22	8,262819E+21	8,262961E+21	1,042560E+22	1,403037E+22
2530	1,795049E+22	2,113538E+22	2,289237E+22	2,289165E+22	2,113414E+22	1,794968E+22	1,403001E+22	1,042556E+22	8,263141E+21	8,263143E+21	1,042560E+22	1,403015E+22
2531	1,795001E+22	2,113463E+22	2,289189E+22	2,289214E+22	2,113501E+22	1,795035E+22	1,403056E+22	1,042604E+22	8,263570E+21	8,263465E+21	1,042566E+22	1,403000E+22
2532	1,795002E+22	2,113505E+22	2,289241E+22	2,289254E+22	2,113522E+22	1,795008E+22	1,403014E+22	1,042594E+22	8,263845E+21	8,264008E+21	1,042634E+22	1,403050E+22
2533	1,794998E+22	2,113436E+22	2,289113E+22	2,289097E+22	2,113419E+22	1,794991E+22	1,403044E+22	1,042639E+22	8,264222E+21	8,264174E+21	1,042629E+22	1,403031E+22
2534	1,794965E+22	2,113400E+22	2,289122E+22	2,289166E+22	2,113502E+22	1,795066E+22	1,403092E+22	1,042660E+22	8,264384E+21	8,264388E+21	1,042656E+22	1,403074E+22
2535	1,795028E+22	2,113456E+22	2,289135E+22	2,289116E+22	2,113396E+22	1,794960E+22	1,403044E+22	1,042663E+22	8,264642E+21	8,264725E+21	1,042687E+22	1,403085E+22
2536	1,795008E+22	2,113404E+22	2,289046E+22	2,289035E+22	2,113373E+22	1,794978E+22	1,403082E+22	1,042702E+22	8,264861E+21	8,264655E+21	1,042650E+22	1,403032E+22
2537	1,794974E+22	2,113437E+22	2,289159E+22	2,289169E+22	2,113478E+22	1,795028E+22	1,403067E+22	1,042668E+22	8,264710E+21	8,264796E+21	1,042687E+22	1,403077E+22
2538	1,795012E+22	2,113458E+22	2,289152E+22	2,289103E+22	2,113360E+22	1,794934E+22	1,403028E+22	1,042654E+22	8,264588E+21	8,264653E+21	1,042675E+22	1,403065E+22
2539	1,794980E+22	2,113386E+22	2,289078E+22	2,289121E+22	2,113454E+22	1,795018E+22	1,403076E+22	1,042668E+22	8,264478E+21	8,264362E+21	1,042632E+22	1,403028E+22
2540	1,794986E+22	2,113456E+22	2,289177E+22	2,289202E+22	2,113512E+22	1,795033E+22	1,403043E+22	1,042622E+22	8,264132E+21	8,264261E+21	1,042654E+22	1,403070E+22
2541	1,795016E+22	2,113447E+22	2,289118E+22	2,289089E+22	2,113396E+22	1,794979E+22	1,403038E+22	1,042621E+22	8,263925E+21	8,263817E+21	1,042598E+22	1,403020E+22
2542	1,794980E+22	2,113426E+22	2,289143E+22	2,289181E+22	2,113498E+22	1,795055E+22	1,403078E+22	1,042623E+22	8,263732E+21	8,263578E+21	1,042578E+22	1,403020E+22
2543	1,795019E+22	2,113503E+22	2,289217E+22	2,289212E+22	2,113465E+22	1,794971E+22	1,403004E+22	1,042583E+22	8,263600E+21	8,263684E+21	1,042606E+22	1,403037E+22
2544	1,795002E+22	2,113454E+22	2,289137E+22	2,289123E+22	2,113431E+22	1,794982E+22	1,403020E+22	1,042593E+22	8,263545E+21	8,263420E+21	1,042564E+22	1,402993E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2545	1,794968E+22	2,113453E+22	2,289205E+22	2,289240E+22	2,113545E+22	1,795066E+22	1,403038E+22	1,042568E+22	8,263342E+21	8,263450E+21	1,042592E+22	1,403043E+22
2546	1,795033E+22	2,113505E+22	2,289211E+22	2,289179E+22	2,113423E+22	1,794955E+22	1,402991E+22	1,042558E+22	8,263312E+21	8,263445E+21	1,042596E+22	1,403049E+22
2547	1,795024E+22	2,113452E+22	2,289118E+22	2,289134E+22	2,113457E+22	1,795006E+22	1,403041E+22	1,042605E+22	8,263615E+21	8,263457E+21	1,042560E+22	1,402993E+22
2548	1,794994E+22	2,113497E+22	2,289223E+22	2,289226E+22	2,113520E+22	1,795034E+22	1,403031E+22	1,042595E+22	8,263767E+21	8,263869E+21	1,042619E+22	1,403045E+22
2549	1,795014E+22	2,113475E+22	2,289170E+22	2,289128E+22	2,113391E+22	1,794951E+22	1,403018E+22	1,042619E+22	8,264075E+21	8,264074E+21	1,042622E+22	1,403025E+22
2550	1,794959E+22	2,113390E+22	2,289106E+22	2,289153E+22	2,113475E+22	1,795039E+22	1,403090E+22	1,042672E+22	8,264477E+21	8,264363E+21	1,042636E+22	1,403033E+22
2551	1,794977E+22	2,113429E+22	2,289140E+22	2,289160E+22	2,113456E+22	1,794991E+22	1,403047E+22	1,042665E+22	8,264790E+21	8,264975E+21	1,042711E+22	1,403091E+22
2552	1,794993E+22	2,113383E+22	2,289027E+22	2,289006E+22	2,113346E+22	1,794965E+22	1,403077E+22	1,042712E+22	8,265153E+21	8,265067E+21	1,042692E+22	1,403056E+22
2553	1,794955E+22	2,113360E+22	2,289048E+22	2,289078E+22	2,113433E+22	1,795042E+22	1,403118E+22	1,042730E+22	8,265344E+21	8,265323E+21	1,042718E+22	1,403088E+22
2554	1,795007E+22	2,113432E+22	2,289099E+22	2,289054E+22	2,113326E+22	1,794918E+22	1,403051E+22	1,042716E+22	8,265461E+21	8,265578E+21	1,042749E+22	1,403107E+22
2555	1,794995E+22	2,113374E+22	2,289009E+22	2,288999E+22	2,113337E+22	1,794951E+22	1,403085E+22	1,042748E+22	8,265644E+21	8,265490E+21	1,042709E+22	1,403046E+22
2556	1,794942E+22	2,113378E+22	2,289099E+22	2,289126E+22	2,113449E+22	1,795016E+22	1,403084E+22	1,042719E+22	8,265469E+21	8,265586E+21	1,042748E+22	1,403103E+22
2557	1,794992E+22	2,113392E+22	2,289069E+22	2,289057E+22	2,113349E+22	1,794936E+22	1,403050E+22	1,042700E+22	8,265232E+21	8,265307E+21	1,042722E+22	1,403082E+22
2558	1,794966E+22	2,113342E+22	2,289004E+22	2,289050E+22	2,113417E+22	1,795024E+22	1,403114E+22	1,042725E+22	8,265117E+21	8,264926E+21	1,042672E+22	1,403046E+22
2559	1,794973E+22	2,113416E+22	2,289109E+22	2,289116E+22	2,113438E+22	1,795001E+22	1,403065E+22	1,042683E+22	8,264911E+21	8,264988E+21	1,042702E+22	1,403083E+22
2560	1,794999E+22	2,113413E+22	2,289071E+22	2,289029E+22	2,113333E+22	1,794945E+22	1,403055E+22	1,042678E+22	8,264716E+21	8,264588E+21	1,042647E+22	1,403026E+22
2561	1,794947E+22	2,113375E+22	2,289085E+22	2,289125E+22	2,113454E+22	1,795031E+22	1,403090E+22	1,042675E+22	8,264539E+21	8,264431E+21	1,042640E+22	1,403033E+22
2562	1,794986E+22	2,113454E+22	2,289162E+22	2,289157E+22	2,113420E+22	1,794945E+22	1,403007E+22	1,042621E+22	8,264263E+21	8,264439E+21	1,042670E+22	1,403073E+22
2563	1,794999E+22	2,113413E+22	2,289071E+22	2,289062E+22	2,113392E+22	1,794969E+22	1,403033E+22	1,042634E+22	8,264203E+21	8,264133E+21	1,042618E+22	1,403018E+22
2564	1,794957E+22	2,113410E+22	2,289137E+22	2,289167E+22	2,113490E+22	1,795048E+22	1,403066E+22	1,042629E+22	8,264113E+21	8,264184E+21	1,042643E+22	1,403064E+22
2565	1,795024E+22	2,113466E+22	2,289150E+22	2,289128E+22	2,113390E+22	1,794939E+22	1,403013E+22	1,042617E+22	8,264114E+21	8,264197E+21	1,042641E+22	1,403053E+22
2566	1,794999E+22	2,113417E+22	2,289069E+22	2,289079E+22	2,113414E+22	1,794998E+22	1,403075E+22	1,042673E+22	8,264481E+21	8,264273E+21	1,042617E+22	1,403008E+22
2567	1,794957E+22	2,113433E+22	2,289155E+22	2,289163E+22	2,113466E+22	1,795006E+22	1,403055E+22	1,042668E+22	8,264772E+21	8,264881E+21	1,042693E+22	1,403072E+22
2568	1,794985E+22	2,113407E+22	2,289089E+22	2,289062E+22	2,113347E+22	1,794936E+22	1,403045E+22	1,042687E+22	8,265050E+21	8,265079E+21	1,042697E+22	1,403054E+22
2569	1,794935E+22	2,113319E+22	2,289003E+22	2,289056E+22	2,113419E+22	1,795032E+22	1,403126E+22	1,042743E+22	8,265447E+21	8,265366E+21	1,042712E+22	1,403064E+22
2570	1,794966E+22	2,113387E+22	2,289065E+22	2,289066E+22	2,113377E+22	1,794955E+22	1,403066E+22	1,042728E+22	8,265654E+21	8,265850E+21	1,042779E+22	1,403128E+22
2571	1,794998E+22	2,113360E+22	2,288974E+22	2,288931E+22	2,113275E+22	1,794925E+22	1,403084E+22	1,042769E+22	8,266037E+21	8,265944E+21	1,042748E+22	1,403069E+22
2572	1,794932E+22	2,113321E+22	2,289002E+22	2,289021E+22	2,113373E+22	1,795005E+22	1,403133E+22	1,042792E+22	8,266245E+21	8,266225E+21	1,042780E+22	1,403103E+22
2573	1,794978E+22	2,113375E+22	2,289043E+22	2,289029E+22	2,113315E+22	1,794902E+22	1,403058E+22	1,042763E+22	8,266227E+21	8,266372E+21	1,042804E+22	1,403118E+22
2574	1,794961E+22	2,113314E+22	2,288941E+22	2,288948E+22	2,113321E+22	1,794962E+22	1,403115E+22	1,042800E+22	8,266331E+21	8,266182E+21	1,042764E+22	1,403073E+22
2575	1,794918E+22	2,113310E+22	2,289012E+22	2,289046E+22	2,113400E+22	1,795010E+22	1,403120E+22	1,042781E+22	8,266225E+21	8,266316E+21	1,042802E+22	1,403129E+22
2576	1,794983E+22	2,113346E+22	2,288994E+22	2,288980E+22	2,113295E+22	1,794922E+22	1,403084E+22	1,042763E+22	8,265998E+21	8,266002E+21	1,042766E+22	1,403092E+22
2577	1,794947E+22	2,113300E+22	2,288937E+22	2,288967E+22	2,113358E+22	1,795006E+22	1,403142E+22	1,042789E+22	8,265943E+21	8,265715E+21	1,042722E+22	1,403051E+22
2578	1,794946E+22	2,113384E+22	2,289070E+22	2,289054E+22	2,113371E+22	1,794959E+22	1,403070E+22	1,042729E+22	8,265624E+21	8,265739E+21	1,042759E+22	1,403105E+22
2579	1,794984E+22	2,113377E+22	2,289029E+22	2,288987E+22	2,113293E+22	1,794911E+22	1,403050E+22	1,042717E+22	8,265425E+21	8,265359E+21	1,042705E+22	1,403046E+22
2580	1,794923E+22	2,113321E+22	2,289023E+22	2,289071E+22	2,113417E+22	1,795012E+22	1,403100E+22	1,042719E+22	8,265236E+21	8,265194E+21	1,042703E+22	1,403068E+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°
2581	1,794980E+22	2,113402E+22	2,289088E+22	2,289104E+22	2,113398E+22	1,794937E+22	1,403023E+22	1,042664E+22	8,264876E+21	8,265071E+21	1,042718E+22	1,403096E+22
2582	1,794997E+22	2,113387E+22	2,289016E+22	2,288995E+22	2,113350E+22	1,794965E+22	1,403066E+22	1,042692E+22	8,264875E+21	8,264736E+21	1,042662E+22	1,403037E+22
2583	1,794945E+22	2,113375E+22	2,289084E+22	2,289097E+22	2,113425E+22	1,795017E+22	1,403090E+22	1,042698E+22	8,264995E+21	8,264996E+21	1,042694E+22	1,403074E+22
2584	1,794999E+22	2,113424E+22	2,289103E+22	2,289077E+22	2,113343E+22	1,794917E+22	1,403039E+22	1,042686E+22	8,265054E+21	8,265109E+21	1,042699E+22	1,403056E+22
2585	1,794952E+22	2,113347E+22	2,289000E+22	2,289019E+22	2,113378E+22	1,794988E+22	1,403103E+22	1,042744E+22	8,265483E+21	8,265302E+21	1,042691E+22	1,403023E+22
2586	1,794915E+22	2,113361E+22	2,289073E+22	2,289085E+22	2,113414E+22	1,794987E+22	1,403075E+22	1,042727E+22	8,265658E+21	8,265839E+21	1,042772E+22	1,403114E+22
2587	1,794975E+22	2,113349E+22	2,289002E+22	2,288976E+22	2,113293E+22	1,794918E+22	1,403066E+22	1,042750E+22	8,265953E+21	8,266000E+21	1,042765E+22	1,403087E+22
2588	1,794926E+22	2,113269E+22	2,288921E+22	2,288962E+22	2,113346E+22	1,795000E+22	1,403149E+22	1,042813E+22	8,266385E+21	8,266278E+21	1,042779E+22	1,403096E+22
2589	1,794960E+22	2,113342E+22	2,288996E+22	2,288999E+22	2,113325E+22	1,794925E+22	1,403081E+22	1,042788E+22	8,266518E+21	8,266692E+21	1,042834E+22	1,403144E+22
2590	1,794981E+22	2,113328E+22	2,288932E+22	2,288879E+22	2,113230E+22	1,794907E+22	1,403108E+22	1,042830E+22	8,266838E+21	8,266738E+21	1,042808E+22	1,403091E+22
2591	1,794903E+22	2,113262E+22	2,288943E+22	2,288968E+22	2,113326E+22	1,794977E+22	1,403148E+22	1,042854E+22	8,267126E+21	8,267116E+21	1,042847E+22	1,403130E+22
2592	1,794957E+22	2,113316E+22	2,288971E+22	2,288970E+22	2,113286E+22	1,794902E+22	1,403087E+22	1,042820E+22	8,267028E+21	8,267188E+21	1,042863E+22	1,403138E+22
2593	1,794938E+22	2,113254E+22	2,288860E+22	2,288866E+22	2,113279E+22	1,794965E+22	1,403153E+22	1,042864E+22	8,267130E+21	8,266966E+21	1,042819E+22	1,403088E+22
2594	1,794902E+22	2,113272E+22	2,288947E+22	2,288961E+22	2,113331E+22	1,794980E+22	1,403139E+22	1,042837E+22	8,266956E+21	8,267008E+21	1,042850E+22	1,403148E+22
2595	1,794978E+22	2,113320E+22	2,288949E+22	2,288916E+22	2,113235E+22	1,794887E+22	1,403089E+22	1,042815E+22	8,266771E+21	8,266733E+21	1,042809E+22	1,403095E+22
2596	1,794917E+22	2,113256E+22	2,288891E+22	2,288913E+22	2,113301E+22	1,794968E+22	1,403148E+22	1,042840E+22	8,266713E+21	8,266502E+21	1,042780E+22	1,403068E+22
2597	1,794918E+22	2,113321E+22	2,289010E+22	2,289023E+22	2,113354E+22	1,794941E+22	1,403072E+22	1,042767E+22	8,266267E+21	8,266432E+21	1,042812E+22	1,403125E+22
2598	1,794964E+22	2,113327E+22	2,288971E+22	2,288936E+22	2,113270E+22	1,794914E+22	1,403072E+22	1,042759E+22	8,265992E+21	8,265967E+21	1,042760E+22	1,403080E+22
2599	1,794912E+22	2,113268E+22	2,288951E+22	2,289000E+22	2,113366E+22	1,794995E+22	1,403124E+22	1,042776E+22	8,265955E+21	8,265888E+21	1,042755E+22	1,403095E+22
2600	1,794980E+22	2,113371E+22	2,289030E+22	2,289035E+22	2,113352E+22	1,794928E+22	1,403053E+22	1,042725E+22	8,265655E+21	8,265786E+21	1,042760E+22	1,403103E+22
2601	1,794977E+22	2,113349E+22	2,288963E+22	2,288925E+22	2,113300E+22	1,794953E+22	1,403097E+22	1,042762E+22	8,265783E+21	8,265600E+21	1,042715E+22	1,403040E+22
2602	1,794912E+22	2,113332E+22	2,289038E+22	2,289040E+22	2,113369E+22	1,794984E+22	1,403105E+22	1,042759E+22	8,265872E+21	8,265886E+21	1,042759E+22	1,403096E+22
2603	1,794973E+22	2,113368E+22	2,289044E+22	2,289027E+22	2,113307E+22	1,794891E+22	1,403044E+22	1,042743E+22	8,265978E+21	8,266065E+21	1,042769E+22	1,403081E+22
2604	1,794920E+22	2,113270E+22	2,288912E+22	2,288939E+22	2,113328E+22	1,794973E+22	1,403127E+22	1,042807E+22	8,266392E+21	8,266275E+21	1,042770E+22	1,403067E+22
2605	1,794906E+22	2,113291E+22	2,288975E+22	2,289004E+22	2,113368E+22	1,794974E+22	1,403099E+22	1,042786E+22	8,266462E+21	8,266656E+21	1,042834E+22	1,403145E+22
2606	1,794975E+22	2,113315E+22	2,288933E+22	2,288887E+22	2,113226E+22	1,794898E+22	1,403095E+22	1,042816E+22	8,266774E+21	8,266783E+21	1,042824E+22	1,403114E+22
2607	1,794916E+22	2,113230E+22	2,288863E+22	2,288883E+22	2,113268E+22	1,794955E+22	1,403165E+22	1,042884E+22	8,267360E+21	8,267206E+21	1,042840E+22	1,403113E+22
2608	1,794942E+22	2,113304E+22	2,288949E+22	2,288944E+22	2,113277E+22	1,794902E+22	1,403100E+22	1,042852E+22	8,267451E+21	8,267615E+21	1,042894E+22	1,403151E+22
2609	1,794940E+22	2,113264E+22	2,288870E+22	2,288827E+22	2,113201E+22	1,794902E+22	1,403135E+22	1,042895E+22	8,267763E+21	8,267675E+21	1,042873E+22	1,403105E+22
2610	1,794870E+22	2,113200E+22	2,288870E+22	2,288901E+22	2,113283E+22	1,794965E+22	1,403170E+22	1,042909E+22	8,267903E+21	8,267920E+21	1,042909E+22	1,403159E+22
2611	1,794945E+22	2,113264E+22	2,288898E+22	2,288899E+22	2,113241E+22	1,794890E+22	1,403109E+22	1,042880E+22	8,267827E+21	8,267941E+21	1,042913E+22	1,403153E+22
2612	1,794918E+22	2,113203E+22	2,288788E+22	2,288786E+22	2,113217E+22	1,794944E+22	1,403178E+22	1,042927E+22	8,267950E+21	8,267747E+21	1,042872E+22	1,403107E+22
2613	1,794885E+22	2,113220E+22	2,288883E+22	2,288904E+22	2,113285E+22	1,794957E+22	1,403151E+22	1,042888E+22	8,267678E+21	8,267716E+21	1,042896E+22	1,403158E+22
2614	1,794956E+22	2,113282E+22	2,288908E+22	2,288870E+22	2,113193E+22	1,794867E+22	1,403104E+22	1,042864E+22	8,267444E+21	8,267429E+21	1,042866E+22	1,403121E+22
2615	1,794894E+22	2,113199E+22	2,288832E+22	2,288863E+22	2,113257E+22	1,794937E+22	1,403151E+22	1,042888E+22	8,267462E+21	8,267285E+21	1,042842E+22	1,403102E+22
2616	1,794913E+22	2,113274E+22	2,288943E+22	2,288960E+22	2,113322E+22	1,794940E+22	1,403093E+22	1,042812E+22	8,266936E+21	8,267137E+21	1,042866E+22	1,403150E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,794957E+22	2,113286E+22	2,288908E+22	2,288866E+22	2,113227E+22	1,794913E+22	1,403105E+22	1,042816E+22	8,266701E+21	8,266653E+21	1,042806E+22	1,403095E+22
2618	1,794908E+22	2,113248E+22	2,288904E+22	2,288928E+22	2,113299E+22	1,794964E+22	1,403138E+22	1,042829E+22	8,266670E+21	8,266560E+21	1,042798E+22	1,403109E+22
2619	1,794972E+22	2,113348E+22	2,288995E+22	2,288985E+22	2,113304E+22	1,794901E+22	1,403062E+22	1,042781E+22	8,266488E+21	8,266565E+21	1,042805E+22	1,403102E+22
2620	1,794938E+22	2,113295E+22	2,288914E+22	2,288878E+22	2,113255E+22	1,794929E+22	1,403111E+22	1,042821E+22	8,266664E+21	8,266506E+21	1,042780E+22	1,403057E+22
2621	1,794874E+22	2,113246E+22	2,288954E+22	2,288991E+22	2,113345E+22	1,794974E+22	1,403119E+22	1,042812E+22	8,266679E+21	8,266730E+21	1,042822E+22	1,403119E+22
2622	1,794947E+22	2,113300E+22	2,288961E+22	2,288953E+22	2,113267E+22	1,794894E+22	1,403079E+22	1,042804E+22	8,266749E+21	8,266870E+21	1,042838E+22	1,403120E+22
2623	1,794908E+22	2,113206E+22	2,288820E+22	2,288843E+22	2,113253E+22	1,794943E+22	1,403153E+22	1,042879E+22	8,267320E+21	8,267166E+21	1,042836E+22	1,403102E+22
2624	1,794910E+22	2,113255E+22	2,288902E+22	2,288910E+22	2,113297E+22	1,794954E+22	1,403128E+22	1,042857E+22	8,267413E+21	8,267555E+21	1,042891E+22	1,403160E+22
2625	1,794958E+22	2,113278E+22	2,288880E+22	2,288815E+22	2,113163E+22	1,794875E+22	1,403122E+22	1,042888E+22	8,267767E+21	8,267749E+21	1,042885E+22	1,403123E+22
2626	1,794891E+22	2,113193E+22	2,288817E+22	2,288828E+22	2,113209E+22	1,794916E+22	1,403171E+22	1,042943E+22	8,268269E+21	8,268145E+21	1,042909E+22	1,403138E+22
2627	1,794921E+22	2,113252E+22	2,288894E+22	2,288900E+22	2,113249E+22	1,794885E+22	1,403107E+22	1,042908E+22	8,268360E+21	8,268534E+21	1,042959E+22	1,403172E+22
2628	1,794911E+22	2,113193E+22	2,288789E+22	2,288760E+22	2,113160E+22	1,794898E+22	1,403163E+22	1,042955E+22	8,268610E+21	8,268562E+21	1,042943E+22	1,403139E+22
2629	1,794856E+22	2,113130E+22	2,288780E+22	2,288832E+22	2,113242E+22	1,794957E+22	1,403198E+22	1,042967E+22	8,268649E+21	8,268632E+21	1,042958E+22	1,403177E+22
2630	1,794935E+22	2,113228E+22	2,288838E+22	2,288825E+22	2,113184E+22	1,794876E+22	1,403139E+22	1,042941E+22	8,268565E+21	8,268638E+21	1,042963E+22	1,403170E+22
2631	1,794896E+22	2,113156E+22	2,288731E+22	2,288719E+22	2,113145E+22	1,794904E+22	1,403191E+22	1,042989E+22	8,268807E+21	8,268577E+21	1,042928E+22	1,403123E+22
2632	1,794866E+22	2,113178E+22	2,288829E+22	2,288847E+22	2,113240E+22	1,794940E+22	1,403165E+22	1,042938E+22	8,268455E+21	8,268515E+21	1,042951E+22	1,403170E+22
2633	1,794926E+22	2,113225E+22	2,288844E+22	2,288816E+22	2,113162E+22	1,794863E+22	1,403124E+22	1,042914E+22	8,268189E+21	8,268213E+21	1,042924E+22	1,403142E+22
2634	1,794883E+22	2,113158E+22	2,288767E+22	2,288799E+22	2,113211E+22	1,794919E+22	1,403162E+22	1,042929E+22	8,268087E+21	8,267950E+21	1,042897E+22	1,403136E+22
2635	1,794920E+22	2,113248E+22	2,288888E+22	2,288901E+22	2,113276E+22	1,794920E+22	1,403105E+22	1,042862E+22	8,267625E+21	8,267765E+21	1,042905E+22	1,403162E+22
2636	1,794944E+22	2,113251E+22	2,288855E+22	2,288804E+22	2,113172E+22	1,794894E+22	1,403125E+22	1,042872E+22	8,267453E+21	8,267376E+21	1,042854E+22	1,403107E+22
2637	1,794888E+22	2,113199E+22	2,288853E+22	2,288887E+22	2,113260E+22	1,794946E+22	1,403154E+22	1,042879E+22	8,267382E+21	8,267253E+21	1,042841E+22	1,403110E+22
2638	1,794938E+22	2,113301E+22	2,288951E+22	2,288944E+22	2,113267E+22	1,794888E+22	1,403083E+22	1,042836E+22	8,267236E+21	8,267341E+21	1,042866E+22	1,403120E+22
2639	1,794901E+22	2,113220E+22	2,288835E+22	2,288817E+22	2,113209E+22	1,794907E+22	1,403128E+22	1,042882E+22	8,267565E+21	8,267435E+21	1,042852E+22	1,403092E+22
2640	1,794863E+22	2,113186E+22	2,288859E+22	2,288901E+22	2,113296E+22	1,794976E+22	1,403152E+22	1,042873E+22	8,267535E+21	8,267611E+21	1,042888E+22	1,403147E+22
2641	1,794937E+22	2,113249E+22	2,288875E+22	2,288860E+22	2,113201E+22	1,794882E+22	1,403115E+22	1,042877E+22	8,267682E+21	8,267762E+21	1,042898E+22	1,403143E+22
2642	1,794907E+22	2,113182E+22	2,288759E+22	2,288759E+22	2,113169E+22	1,794896E+22	1,403161E+22	1,042941E+22	8,268228E+21	8,268050E+21	1,042897E+22	1,403125E+22
2643	1,794903E+22	2,113230E+22	2,288863E+22	2,288857E+22	2,113235E+22	1,794911E+22	1,403132E+22	1,042919E+22	8,268378E+21	8,268490E+21	1,042951E+22	1,403167E+22
2644	1,794920E+22	2,113220E+22	2,288827E+22	2,288772E+22	2,113120E+22	1,794852E+22	1,403137E+22	1,042950E+22	8,268707E+21	8,268740E+21	1,042959E+22	1,403146E+22
2645	1,794854E+22	2,113112E+22	2,288740E+22	2,288785E+22	2,113189E+22	1,794914E+22	1,403191E+22	1,042996E+22	8,269075E+21	8,268990E+21	1,042971E+22	1,403159E+22
2646	1,794895E+22	2,113188E+22	2,288815E+22	2,288833E+22	2,113215E+22	1,794896E+22	1,403148E+22	1,042971E+22	8,269124E+21	8,269319E+21	1,043023E+22	1,403201E+22
2647	1,794892E+22	2,113128E+22	2,288698E+22	2,288675E+22	2,113098E+22	1,794880E+22	1,403195E+22	1,043028E+22	8,269522E+21	8,269411E+21	1,043002E+22	1,403166E+22
2648	1,794852E+22	2,113089E+22	2,288698E+22	2,288738E+22	2,113180E+22	1,794948E+22	1,403230E+22	1,043035E+22	8,269535E+21	8,269463E+21	1,043010E+22	1,403186E+22
2649	1,794910E+22	2,113185E+22	2,288781E+22	2,288758E+22	2,113124E+22	1,794855E+22	1,403166E+22	1,043007E+22	8,269448E+21	8,269499E+21	1,043019E+22	1,403182E+22
2650	1,794877E+22	2,113120E+22	2,288682E+22	2,288664E+22	2,113084E+22	1,794857E+22	1,403186E+22	1,043033E+22	8,269560E+21	8,269383E+21	1,042992E+22	1,403154E+22
2651	1,794858E+22	2,113139E+22	2,288777E+22	2,288801E+22	2,113203E+22	1,794915E+22	1,403165E+22	1,042979E+22	8,269164E+21	8,269259E+21	1,043008E+22	1,403195E+22
2652	1,794913E+22	2,113178E+22	2,288779E+22	2,288758E+22	2,113122E+22	1,794853E+22	1,403141E+22	1,042956E+22	8,268809E+21	8,268892E+21	1,042979E+22	1,403172E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,794880E+22	2,113115E+22	2,288704E+22	2,288744E+22	2,113169E+22	1,794904E+22	1,403179E+22	1,042971E+22	8,268650E+21	8,268478E+21	1,042929E+22	1,403143E+22
2654	1,794911E+22	2,113229E+22	2,288852E+22	2,288850E+22	2,113230E+22	1,794909E+22	1,403130E+22	1,042913E+22	8,268257E+21	8,268357E+21	1,042943E+22	1,403163E+22
2655	1,794912E+22	2,113205E+22	2,288808E+22	2,288761E+22	2,113120E+22	1,794863E+22	1,403140E+22	1,042931E+22	8,268283E+21	8,268171E+21	1,042905E+22	1,403114E+22
2656	1,794855E+22	2,113142E+22	2,288785E+22	2,288830E+22	2,113228E+22	1,794943E+22	1,403178E+22	1,042937E+22	8,268222E+21	8,268103E+21	1,042899E+22	1,403117E+22
2657	1,794893E+22	2,113225E+22	2,288870E+22	2,288882E+22	2,113234E+22	1,794891E+22	1,403117E+22	1,042900E+22	8,268108E+21	8,268232E+21	1,042930E+22	1,403144E+22
2658	1,794885E+22	2,113162E+22	2,288745E+22	2,288732E+22	2,113144E+22	1,794881E+22	1,403146E+22	1,042939E+22	8,268387E+21	8,268294E+21	1,042921E+22	1,403131E+22
2659	1,794868E+22	2,113152E+22	2,288787E+22	2,288817E+22	2,113227E+22	1,794943E+22	1,403168E+22	1,042938E+22	8,268441E+21	8,268469E+21	1,042946E+22	1,403168E+22
2660	1,794926E+22	2,113211E+22	2,288810E+22	2,288782E+22	2,113132E+22	1,794851E+22	1,403133E+22	1,042941E+22	8,268611E+21	8,268707E+21	1,042966E+22	1,403167E+22
2661	1,794889E+22	2,113134E+22	2,288707E+22	2,288713E+22	2,113119E+22	1,794867E+22	1,403173E+22	1,042996E+22	8,269071E+21	8,268912E+21	1,042957E+22	1,403140E+22
2662	1,794878E+22	2,113185E+22	2,288816E+22	2,288818E+22	2,113200E+22	1,794897E+22	1,403152E+22	1,042977E+22	8,269215E+21	8,269385E+21	1,043022E+22	1,403192E+22
2663	1,794886E+22	2,113144E+22	2,288745E+22	2,288716E+22	2,113084E+22	1,794840E+22	1,403161E+22	1,043015E+22	8,269648E+21	8,269708E+21	1,043033E+22	1,403182E+22
2664	1,794844E+22	2,113053E+22	2,288642E+22	2,288693E+22	2,113147E+22	1,794928E+22	1,403235E+22	1,043064E+22	8,269953E+21	8,269861E+21	1,043033E+22	1,403180E+22
2665	1,794875E+22	2,113135E+22	2,288732E+22	2,288742E+22	2,113151E+22	1,794888E+22	1,403194E+22	1,043050E+22	8,270067E+21	8,270176E+21	1,043075E+22	1,403216E+22
2666	1,794884E+22	2,113097E+22	2,288633E+22	2,288591E+22	2,113018E+22	1,794835E+22	1,403207E+22	1,043091E+22	8,270415E+21	8,270275E+21	1,043060E+22	1,403185E+22
2667	1,794841E+22	2,113061E+22	2,288654E+22	2,288681E+22	2,113116E+22	1,794900E+22	1,403232E+22	1,043091E+22	8,270405E+21	8,270315E+21	1,043066E+22	1,403195E+22
2668	1,794875E+22	2,113127E+22	2,288720E+22	2,288707E+22	2,113081E+22	1,794828E+22	1,403172E+22	1,043055E+22	8,270225E+21	8,270349E+21	1,043087E+22	1,403210E+22
2669	1,794851E+22	2,113055E+22	2,288617E+22	2,288623E+22	2,113059E+22	1,794847E+22	1,403194E+22	1,043066E+22	8,270129E+21	8,270014E+21	1,043043E+22	1,403177E+22
2670	1,794848E+22	2,113101E+22	2,288722E+22	2,288747E+22	2,113167E+22	1,794912E+22	1,403191E+22	1,043022E+22	8,269703E+21	8,269831E+21	1,043055E+22	1,403215E+22
2671	1,794899E+22	2,113134E+22	2,288715E+22	2,288698E+22	2,113074E+22	1,794835E+22	1,403165E+22	1,043013E+22	8,269527E+21	8,269544E+21	1,043021E+22	1,403185E+22
2672	1,794872E+22	2,113090E+22	2,288648E+22	2,288675E+22	2,113127E+22	1,794904E+22	1,403209E+22	1,043028E+22	8,269388E+21	8,269165E+21	1,042967E+22	1,403137E+22
2673	1,794872E+22	2,113182E+22	2,288805E+22	2,288802E+22	2,113189E+22	1,794898E+22	1,403162E+22	1,042978E+22	8,269089E+21	8,269142E+21	1,042990E+22	1,403166E+22
2674	1,794881E+22	2,113153E+22	2,288746E+22	2,288709E+22	2,113075E+22	1,794829E+22	1,403145E+22	1,042982E+22	8,269094E+21	8,269027E+21	1,042972E+22	1,403144E+22
2675	1,794840E+22	2,113088E+22	2,288710E+22	2,288764E+22	2,113185E+22	1,794921E+22	1,403190E+22	1,042990E+22	8,269041E+21	8,268962E+21	1,042966E+22	1,403148E+22
2676	1,794877E+22	2,113163E+22	2,288779E+22	2,288796E+22	2,113177E+22	1,794876E+22	1,403143E+22	1,042958E+22	8,268907E+21	8,269093E+21	1,043002E+22	1,403185E+22
2677	1,794883E+22	2,113118E+22	2,288677E+22	2,288658E+22	2,113079E+22	1,794851E+22	1,403160E+22	1,042991E+22	8,269126E+21	8,269026E+21	1,042972E+22	1,403152E+22
2678	1,794865E+22	2,113135E+22	2,288749E+22	2,288757E+22	2,113164E+22	1,794912E+22	1,403186E+22	1,042995E+22	8,269239E+21	8,269286E+21	1,043004E+22	1,403181E+22
2679	1,794898E+22	2,113165E+22	2,288760E+22	2,288734E+22	2,113082E+22	1,794818E+22	1,403147E+22	1,043005E+22	8,269554E+21	8,269652E+21	1,043032E+22	1,403185E+22
2680	1,794863E+22	2,113081E+22	2,288636E+22	2,288651E+22	2,113092E+22	1,794870E+22	1,403201E+22	1,043059E+22	8,269988E+21	8,269846E+21	1,043022E+22	1,403154E+22
2681	1,794836E+22	2,113110E+22	2,288735E+22	2,288756E+22	2,113171E+22	1,794907E+22	1,403199E+22	1,043053E+22	8,270164E+21	8,270304E+21	1,043085E+22	1,403216E+22
2682	1,794872E+22	2,113086E+22	2,288653E+22	2,288629E+22	2,113023E+22	1,794817E+22	1,403190E+22	1,043085E+22	8,270562E+21	8,270608E+21	1,043100E+22	1,403214E+22
2683	1,794840E+22	2,113012E+22	2,288565E+22	2,288603E+22	2,113077E+22	1,794896E+22	1,403260E+22	1,043139E+22	8,270917E+21	8,270754E+21	1,043091E+22	1,403194E+22
2684	1,794850E+22	2,113086E+22	2,288662E+22	2,288662E+22	2,113083E+22	1,794858E+22	1,403215E+22	1,043115E+22	8,270985E+21	8,271108E+21	1,043142E+22	1,403236E+22
2685	1,794855E+22	2,113044E+22	2,288580E+22	2,288539E+22	2,112960E+22	1,794795E+22	1,403210E+22	1,043138E+22	8,271174E+21	8,271070E+21	1,043118E+22	1,403203E+22
2686	1,794819E+22	2,113019E+22	2,288609E+22	2,288639E+22	2,113078E+22	1,794876E+22	1,403239E+22	1,043134E+22	8,271098E+21	8,271094E+21	1,043131E+22	1,403222E+22
2687	1,794852E+22	2,113066E+22	2,288647E+22	2,288653E+22	2,113049E+22	1,794814E+22	1,403185E+22	1,043101E+22	8,270937E+21	8,271105E+21	1,043148E+22	1,403244E+22
2688	1,794852E+22	2,113017E+22	2,288541E+22	2,288545E+22	2,113025E+22	1,794856E+22	1,403226E+22	1,043117E+22	8,270770E+21	8,270639E+21	1,043085E+22	1,403190E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,794834E+22	2,113067E+22	2,288669E+22	2,288685E+22	2,113121E+22	1,794905E+22	1,403228E+22	1,043086E+22	8,270436E+21	8,270454E+21	1,043087E+22	1,403218E+22
2690	1,794887E+22	2,113107E+22	2,288669E+22	2,288640E+22	2,113018E+22	1,794798E+22	1,403175E+22	1,043066E+22	8,270278E+21	8,270266E+21	1,043066E+22	1,403191E+22
2691	1,794848E+22	2,113055E+22	2,288607E+22	2,288629E+22	2,113083E+22	1,794871E+22	1,403219E+22	1,043083E+22	8,270191E+21	8,269959E+21	1,043020E+22	1,403141E+22
2692	1,794825E+22	2,113109E+22	2,288733E+22	2,288748E+22	2,113157E+22	1,794885E+22	1,403178E+22	1,043030E+22	8,269874E+21	8,270004E+21	1,043060E+22	1,403194E+22
2693	1,794850E+22	2,113079E+22	2,288667E+22	2,288647E+22	2,113039E+22	1,794818E+22	1,403160E+22	1,043025E+22	8,269753E+21	8,269751E+21	1,043032E+22	1,403178E+22
2694	1,794837E+22	2,113048E+22	2,288642E+22	2,288689E+22	2,113130E+22	1,794902E+22	1,403214E+22	1,043043E+22	8,269732E+21	8,269694E+21	1,043027E+22	1,403179E+22
2695	1,794871E+22	2,113121E+22	2,288706E+22	2,288715E+22	2,113112E+22	1,794846E+22	1,403164E+22	1,043022E+22	8,269765E+21	8,269917E+21	1,043061E+22	1,403212E+22
2696	1,794883E+22	2,113096E+22	2,288621E+22	2,288582E+22	2,113028E+22	1,794839E+22	1,403186E+22	1,043052E+22	8,269975E+21	8,269859E+21	1,043026E+22	1,403159E+22
2697	1,794834E+22	2,113093E+22	2,288707E+22	2,288710E+22	2,113118E+22	1,794892E+22	1,403215E+22	1,043066E+22	8,270181E+21	8,270182E+21	1,043061E+22	1,403195E+22
2698	1,794873E+22	2,113111E+22	2,288695E+22	2,288682E+22	2,113044E+22	1,794791E+22	1,403158E+22	1,043065E+22	8,270488E+21	8,270626E+21	1,043105E+22	1,403216E+22
2699	1,794845E+22	2,113026E+22	2,288562E+22	2,288582E+22	2,113051E+22	1,794857E+22	1,403227E+22	1,043126E+22	8,270914E+21	8,270787E+21	1,043091E+22	1,403179E+22
2700	1,794809E+22	2,113038E+22	2,288637E+22	2,288663E+22	2,113113E+22	1,794896E+22	1,403237E+22	1,043126E+22	8,271098E+21	8,271238E+21	1,043155E+22	1,403246E+22
2701	1,794853E+22	2,113031E+22	2,288580E+22	2,288548E+22	2,112956E+22	1,794787E+22	1,403211E+22	1,043149E+22	8,271417E+21	8,271420E+21	1,043154E+22	1,403231E+22
2702	1,794825E+22	2,112980E+22	2,288518E+22	2,288535E+22	2,113009E+22	1,794859E+22	1,403274E+22	1,043197E+22	8,271767E+21	8,271632E+21	1,043154E+22	1,403207E+22
2703	1,794815E+22	2,113024E+22	2,288599E+22	2,288604E+22	2,113030E+22	1,794823E+22	1,403225E+22	1,043174E+22	8,271880E+21	8,272027E+21	1,043211E+22	1,403261E+22
2704	1,794833E+22	2,112989E+22	2,288508E+22	2,288476E+22	2,112935E+22	1,794796E+22	1,403229E+22	1,043187E+22	8,271927E+21	8,271868E+21	1,043178E+22	1,403222E+22
2705	1,794791E+22	2,112958E+22	2,288541E+22	2,288581E+22	2,113047E+22	1,794877E+22	1,403273E+22	1,043193E+22	8,271834E+21	8,271801E+21	1,043180E+22	1,403247E+22
2706	1,794852E+22	2,113025E+22	2,288575E+22	2,288580E+22	2,113001E+22	1,794793E+22	1,403204E+22	1,043155E+22	8,271645E+21	8,271786E+21	1,043196E+22	1,403268E+22
2707	1,794854E+22	2,112996E+22	2,288492E+22	2,288478E+22	2,112972E+22	1,794831E+22	1,403247E+22	1,043176E+22	8,271523E+21	8,271320E+21	1,043127E+22	1,403194E+22
2708	1,794806E+22	2,113022E+22	2,288616E+22	2,288625E+22	2,113072E+22	1,794885E+22	1,403251E+22	1,043144E+22	8,271204E+21	8,271216E+21	1,043140E+22	1,403228E+22
2709	1,794850E+22	2,113053E+22	2,288628E+22	2,288602E+22	2,112978E+22	1,794770E+22	1,403181E+22	1,043110E+22	8,270947E+21	8,270961E+21	1,043117E+22	1,403207E+22
2710	1,794822E+22	2,113005E+22	2,288557E+22	2,288582E+22	2,113050E+22	1,794854E+22	1,403228E+22	1,043124E+22	8,270863E+21	8,270730E+21	1,043085E+22	1,403169E+22
2711	1,794802E+22	2,113040E+22	2,288647E+22	2,288675E+22	2,113117E+22	1,794874E+22	1,403198E+22	1,043080E+22	8,270606E+21	8,270785E+21	1,043125E+22	1,403235E+22
2712	1,794856E+22	2,113043E+22	2,288585E+22	2,288553E+22	2,112990E+22	1,794815E+22	1,403190E+22	1,043081E+22	8,270470E+21	8,270449E+21	1,043082E+22	1,403198E+22
2713	1,794831E+22	2,113022E+22	2,288595E+22	2,288622E+22	2,113071E+22	1,794878E+22	1,403243E+22	1,043112E+22	8,270578E+21	8,270430E+21	1,043069E+22	1,403193E+22
2714	1,794867E+22	2,113097E+22	2,288664E+22	2,288656E+22	2,113049E+22	1,794800E+22	1,403168E+22	1,043079E+22	8,270638E+21	8,270778E+21	1,043117E+22	1,403226E+22
2715	1,794861E+22	2,113059E+22	2,288582E+22	2,288537E+22	2,112983E+22	1,794806E+22	1,403198E+22	1,043116E+22	8,270887E+21	8,270776E+21	1,043088E+22	1,403169E+22
2716	1,794786E+22	2,113014E+22	2,288632E+22	2,288655E+22	2,113091E+22	1,794887E+22	1,403241E+22	1,043130E+22	8,271088E+21	8,271141E+21	1,043135E+22	1,403220E+22
2717	1,794834E+22	2,113030E+22	2,288614E+22	2,288614E+22	2,113005E+22	1,794784E+22	1,403184E+22	1,043124E+22	8,271305E+21	8,271465E+21	1,043168E+22	1,403243E+22
2718	1,794830E+22	2,112972E+22	2,288486E+22	2,288498E+22	2,112994E+22	1,794843E+22	1,403260E+22	1,043193E+22	8,271795E+21	8,271679E+21	1,043157E+22	1,403203E+22
2719	1,794788E+22	2,112975E+22	2,288548E+22	2,288570E+22	2,113047E+22	1,794871E+22	1,403264E+22	1,043200E+22	8,272087E+21	8,272186E+21	1,043221E+22	1,403271E+22
2720	1,794841E+22	2,112988E+22	2,288506E+22	2,288460E+22	2,112899E+22	1,794772E+22	1,403236E+22	1,043216E+22	8,272342E+21	8,272331E+21	1,043216E+22	1,403245E+22
2721	1,794794E+22	2,112928E+22	2,288465E+22	2,288482E+22	2,112958E+22	1,794830E+22	1,403295E+22	1,043265E+22	8,272687E+21	8,272516E+21	1,043215E+22	1,403234E+22
2722	1,794802E+22	2,112969E+22	2,288528E+22	2,288541E+22	2,112985E+22	1,794793E+22	1,403229E+22	1,043224E+22	8,272701E+21	8,272911E+21	1,043282E+22	1,403300E+22
2723	1,794832E+22	2,112948E+22	2,288446E+22	2,288410E+22	2,112890E+22	1,794781E+22	1,403250E+22	1,043241E+22	8,272659E+21	8,272627E+21	1,043236E+22	1,403248E+22
2724	1,794780E+22	2,112912E+22	2,288471E+22	2,288507E+22	2,112997E+22	1,794865E+22	1,403301E+22	1,043251E+22	8,272561E+21	8,272506E+21	1,043230E+22	1,403266E+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												
2725	1,794837E+22	2,112992E+22	2,288533E+22	2,288523E+22	2,112950E+22	1,794769E+22	1,403217E+22	1,043204E+22	8,272308E+21	8,272393E+21	1,043231E+22	1,403271E+22
2726	1,794836E+22	2,112972E+22	2,288468E+22	2,288437E+22	2,112927E+22	1,794805E+22	1,403257E+22	1,043223E+22	8,272220E+21	8,272041E+21	1,043174E+22	1,403195E+22
2727	1,794763E+22	2,112954E+22	2,288554E+22	2,288579E+22	2,113038E+22	1,794866E+22	1,403263E+22	1,043196E+22	8,271976E+21	8,272000E+21	1,043197E+22	1,403246E+22
2728	1,794822E+22	2,112990E+22	2,288550E+22	2,288539E+22	2,112959E+22	1,794779E+22	1,403204E+22	1,043158E+22	8,271641E+21	8,271684E+21	1,043172E+22	1,403227E+22
2729	1,794799E+22	2,112946E+22	2,288488E+22	2,288517E+22	2,113006E+22	1,794847E+22	1,403260E+22	1,043184E+22	8,271593E+21	8,271414E+21	1,043135E+22	1,403200E+22
2730	1,794808E+22	2,112999E+22	2,288571E+22	2,288590E+22	2,113052E+22	1,794844E+22	1,403213E+22	1,043137E+22	8,271381E+21	8,271538E+21	1,043180E+22	1,403264E+22
2731	1,794864E+22	2,113026E+22	2,288541E+22	2,288484E+22	2,112926E+22	1,794782E+22	1,403205E+22	1,043141E+22	8,271273E+21	8,271224E+21	1,043131E+22	1,403208E+22
2732	1,794806E+22	2,112979E+22	2,288546E+22	2,288564E+22	2,113016E+22	1,794850E+22	1,403258E+22	1,043171E+22	8,271434E+21	8,271297E+21	1,043129E+22	1,403205E+22
2733	1,794830E+22	2,113043E+22	2,288622E+22	2,288617E+22	2,113013E+22	1,794774E+22	1,403174E+22	1,043130E+22	8,271430E+21	8,271593E+21	1,043176E+22	1,403245E+22
2734	1,794835E+22	2,113003E+22	2,288527E+22	2,288491E+22	2,112954E+22	1,794796E+22	1,403214E+22	1,043167E+22	8,271714E+21	8,271692E+21	1,043160E+22	1,403196E+22
2735	1,794756E+22	2,112931E+22	2,288530E+22	2,288572E+22	2,113049E+22	1,794886E+22	1,403276E+22	1,043199E+22	8,271995E+21	8,272058E+21	1,043206E+22	1,403256E+22
2736	1,794827E+22	2,112977E+22	2,288518E+22	2,288512E+22	2,112952E+22	1,794785E+22	1,403225E+22	1,043199E+22	8,272214E+21	8,272317E+21	1,043226E+22	1,403261E+22
2737	1,794811E+22	2,112927E+22	2,288423E+22	2,288417E+22	2,112922E+22	1,794816E+22	1,403293E+22	1,043274E+22	8,272792E+21	8,272563E+21	1,043211E+22	1,403222E+22
2738	1,794778E+22	2,112930E+22	2,288481E+22	2,288492E+22	2,112973E+22	1,794826E+22	1,403271E+22	1,043265E+22	8,273069E+21	8,273175E+21	1,043290E+22	1,403295E+22
2739	1,794823E+22	2,112944E+22	2,288451E+22	2,288401E+22	2,112844E+22	1,794737E+22	1,403247E+22	1,043277E+22	8,273249E+21	8,273275E+21	1,043286E+22	1,403267E+22
2740	1,794763E+22	2,112858E+22	2,288388E+22	2,288420E+22	2,112921E+22	1,794818E+22	1,403312E+22	1,043320E+22	8,273521E+21	8,273405E+21	1,043286E+22	1,403267E+22
2741	1,794782E+22	2,112914E+22	2,288465E+22	2,288478E+22	2,112941E+22	1,794779E+22	1,403247E+22	1,043273E+22	8,273378E+21	8,273594E+21	1,043333E+22	1,403326E+22
2742	1,794830E+22	2,112918E+22	2,288397E+22	2,288351E+22	2,112843E+22	1,794766E+22	1,403272E+22	1,043293E+22	8,273367E+21	8,273334E+21	1,043283E+22	1,403260E+22
2743	1,794760E+22	2,112866E+22	2,288410E+22	2,288443E+22	2,112949E+22	1,794851E+22	1,403325E+22	1,043311E+22	8,273344E+21	8,273236E+21	1,043276E+22	1,403274E+22
2744	1,794817E+22	2,112954E+22	2,288478E+22	2,288463E+22	2,112913E+22	1,794764E+22	1,403242E+22	1,043260E+22	8,273054E+21	8,273105E+21	1,043275E+22	1,403271E+22
2745	1,794796E+22	2,112916E+22	2,288422E+22	2,288402E+22	2,112894E+22	1,794790E+22	1,403278E+22	1,043282E+22	8,273005E+21	8,272775E+21	1,043225E+22	1,403218E+22
2746	1,794748E+22	2,112890E+22	2,288472E+22	2,288514E+22	2,112998E+22	1,794846E+22	1,403269E+22	1,043241E+22	8,272714E+21	8,272797E+21	1,043261E+22	1,403282E+22
2747	1,794821E+22	2,112945E+22	2,288476E+22	2,288461E+22	2,112901E+22	1,794761E+22	1,403227E+22	1,043211E+22	8,272341E+21	8,272411E+21	1,043229E+22	1,403256E+22
2748	1,794793E+22	2,112903E+22	2,288417E+22	2,288439E+22	2,112944E+22	1,794823E+22	1,403279E+22	1,043240E+22	8,272336E+21	8,272139E+21	1,043187E+22	1,403222E+22
2749	1,794798E+22	2,112975E+22	2,288536E+22	2,288530E+22	2,112986E+22	1,794804E+22	1,403216E+22	1,043184E+22	8,272081E+21	8,272217E+21	1,043222E+22	1,403272E+22
2750	1,794848E+22	2,113002E+22	2,288519E+22	2,288451E+22	2,112881E+22	1,794752E+22	1,403209E+22	1,043185E+22	8,272037E+21	8,272044E+21	1,043186E+22	1,403213E+22
2751	1,794765E+22	2,112911E+22	2,288482E+22	2,288519E+22	2,112989E+22	1,794840E+22	1,403274E+22	1,043227E+22	8,272273E+21	8,272165E+21	1,043193E+22	1,403225E+22
2752	1,794801E+22	2,112973E+22	2,288534E+22	2,288550E+22	2,112996E+22	1,794792E+22	1,403208E+22	1,043190E+22	8,272252E+21	8,272421E+21	1,043236E+22	1,403263E+22
2753	1,794806E+22	2,112933E+22	2,288444E+22	2,288420E+22	2,112909E+22	1,794796E+22	1,403260E+22	1,043245E+22	8,272634E+21	8,272518E+21	1,043218E+22	1,403228E+22
2754	1,794755E+22	2,112873E+22	2,288430E+22	2,288471E+22	2,112976E+22	1,794859E+22	1,403303E+22	1,043274E+22	8,272991E+21	8,273009E+21	1,043272E+22	1,403285E+22
2755	1,794823E+22	2,112941E+22	2,288452E+22	2,288424E+22	2,112870E+22	1,794751E+22	1,403253E+22	1,043275E+22	8,273219E+21	8,273299E+21	1,043292E+22	1,403279E+22
2756	1,794784E+22	2,112874E+22	2,288360E+22	2,288347E+22	2,112851E+22	1,794779E+22	1,403309E+22	1,043342E+22	8,273782E+21	8,273578E+21	1,043286E+22	1,403245E+22
2757	1,794747E+22	2,112879E+22	2,288431E+22	2,288439E+22	2,112919E+22	1,794788E+22	1,403272E+22	1,043316E+22	8,273911E+21	8,274069E+21	1,043359E+22	1,403324E+22
2758	1,794810E+22	2,112899E+22	2,288398E+22	2,288354E+22	2,112811E+22	1,794723E+22	1,403255E+22	1,043320E+22	8,274023E+21	8,274156E+21	1,043354E+22	1,403297E+22
2759	1,794748E+22	2,112799E+22	2,288304E+22	2,288347E+22	2,112880E+22	1,794814E+22	1,403340E+22	1,043378E+22	8,274295E+21	8,274180E+21	1,043345E+22	1,403296E+22
2760	1,794783E+22	2,112880E+22	2,288393E+22	2,288403E+22	2,112902E+22	1,794784E+22	1,403282E+22	1,043336E+22	8,274135E+21	8,274263E+21	1,043372E+22	1,403330E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2761	1,794808E+22	2,112884E+22	2,288359E+22	2,288307E+22	2,112793E+22	1,794747E+22	1,403300E+22	1,043360E+22	8,274185E+21	8,274024E+21	1,043321E+22	1,403266E+22
2762	1,794737E+22	2,112814E+22	2,288347E+22	2,288386E+22	2,112898E+22	1,794821E+22	1,403336E+22	1,043366E+22	8,274173E+21	8,274064E+21	1,043331E+22	1,403284E+22
2763	1,794785E+22	2,112899E+22	2,288419E+22	2,288414E+22	2,112872E+22	1,794747E+22	1,403259E+22	1,043312E+22	8,273809E+21	8,273902E+21	1,043334E+22	1,403286E+22
2764	1,794759E+22	2,112841E+22	2,288337E+22	2,288335E+22	2,112852E+22	1,794779E+22	1,403296E+22	1,043330E+22	8,273723E+21	8,273551E+21	1,043288E+22	1,403247E+22
2765	1,794733E+22	2,112842E+22	2,288403E+22	2,288438E+22	2,112938E+22	1,794824E+22	1,403283E+22	1,043284E+22	8,273330E+21	8,273424E+21	1,043310E+22	1,403310E+22
2766	1,794829E+22	2,112927E+22	2,288428E+22	2,288400E+22	2,112847E+22	1,794735E+22	1,403235E+22	1,043254E+22	8,273013E+21	8,273106E+21	1,043276E+22	1,403271E+22
2767	1,794783E+22	2,112869E+22	2,288362E+22	2,288378E+22	2,112892E+22	1,794800E+22	1,403293E+22	1,043291E+22	8,273078E+21	8,272873E+21	1,043237E+22	1,403236E+22
2768	1,794784E+22	2,112943E+22	2,288488E+22	2,288484E+22	2,112953E+22	1,794795E+22	1,403236E+22	1,043237E+22	8,272824E+21	8,272941E+21	1,043269E+22	1,403276E+22
2769	1,794811E+22	2,112948E+22	2,288475E+22	2,288424E+22	2,112854E+22	1,794742E+22	1,403232E+22	1,043246E+22	8,272862E+21	8,272826E+21	1,043242E+22	1,403237E+22
2770	1,794747E+22	2,112842E+22	2,288390E+22	2,288447E+22	2,112949E+22	1,794832E+22	1,403297E+22	1,043285E+22	8,273143E+21	8,273074E+21	1,043261E+22	1,403256E+22
2771	1,794791E+22	2,112922E+22	2,288450E+22	2,288462E+22	2,112932E+22	1,794783E+22	1,403250E+22	1,043263E+22	8,273147E+21	8,273305E+21	1,043299E+22	1,403288E+22
2772	1,794790E+22	2,112879E+22	2,288360E+22	2,288331E+22	2,112835E+22	1,794770E+22	1,403290E+22	1,043322E+22	8,273627E+21	8,273465E+21	1,043283E+22	1,403248E+22
2773	1,794737E+22	2,112838E+22	2,288377E+22	2,288393E+22	2,112894E+22	1,794813E+22	1,403311E+22	1,043336E+22	8,273917E+21	8,273921E+21	1,043333E+22	1,403301E+22
2774	1,794804E+22	2,112904E+22	2,288408E+22	2,288375E+22	2,112814E+22	1,794712E+22	1,403255E+22	1,043329E+22	8,274146E+21	8,274306E+21	1,043364E+22	1,403297E+22
2775	1,794749E+22	2,112805E+22	2,288285E+22	2,288291E+22	2,112815E+22	1,794762E+22	1,403321E+22	1,043397E+22	8,274665E+21	8,274527E+21	1,043361E+22	1,403279E+22
2776	1,794730E+22	2,112818E+22	2,288347E+22	2,288372E+22	2,112890E+22	1,794794E+22	1,403302E+22	1,043373E+22	8,274706E+21	8,274875E+21	1,043418E+22	1,403347E+22
2777	1,794791E+22	2,112846E+22	2,288331E+22	2,288299E+22	2,112772E+22	1,794721E+22	1,403295E+22	1,043390E+22	8,274850E+21	8,274886E+21	1,043404E+22	1,403324E+22
2778	1,794747E+22	2,112754E+22	2,288224E+22	2,288267E+22	2,112825E+22	1,794796E+22	1,403365E+22	1,043442E+22	8,275161E+21	8,274997E+21	1,043396E+22	1,403309E+22
2779	1,794767E+22	2,112847E+22	2,288339E+22	2,288333E+22	2,112836E+22	1,794763E+22	1,403314E+22	1,043403E+22	8,274987E+21	8,275079E+21	1,043423E+22	1,403333E+22
2780	1,794768E+22	2,112823E+22	2,288297E+22	2,288254E+22	2,112744E+22	1,794722E+22	1,403319E+22	1,043420E+22	8,275032E+21	8,274877E+21	1,043383E+22	1,403280E+22
2781	1,794701E+22	2,112757E+22	2,288286E+22	2,288329E+22	2,112850E+22	1,794790E+22	1,403337E+22	1,043407E+22	8,274867E+21	8,274819E+21	1,043392E+22	1,403312E+22
2782	1,794771E+22	2,112850E+22	2,288353E+22	2,288357E+22	2,112834E+22	1,794731E+22	1,403266E+22	1,043347E+22	8,274455E+21	8,274661E+21	1,043396E+22	1,403317E+22
2783	1,794752E+22	2,112792E+22	2,288257E+22	2,288256E+22	2,112800E+22	1,794765E+22	1,403315E+22	1,043375E+22	8,274355E+21	8,274205E+21	1,043340E+22	1,403278E+22
2784	1,794742E+22	2,112824E+22	2,288344E+22	2,288366E+22	2,112887E+22	1,794808E+22	1,403304E+22	1,043335E+22	8,273983E+21	8,274013E+21	1,043344E+22	1,403314E+22
2785	1,794814E+22	2,112908E+22	2,288405E+22	2,288368E+22	2,112803E+22	1,794711E+22	1,403253E+22	1,043309E+22	8,273739E+21	8,273741E+21	1,043314E+22	1,403279E+22
2786	1,794764E+22	2,112827E+22	2,288310E+22	2,288333E+22	2,112852E+22	1,794774E+22	1,403301E+22	1,043342E+22	8,273873E+21	8,273685E+21	1,043292E+22	1,403246E+22
2787	1,794752E+22	2,112889E+22	2,288431E+22	2,288438E+22	2,112918E+22	1,794790E+22	1,403266E+22	1,043296E+22	8,273630E+21	8,273771E+21	1,043329E+22	1,403290E+22
2788	1,794772E+22	2,112870E+22	2,288388E+22	2,288360E+22	2,112818E+22	1,794740E+22	1,403267E+22	1,043311E+22	8,273727E+21	8,273711E+21	1,043309E+22	1,403262E+22
2789	1,794725E+22	2,112788E+22	2,288308E+22	2,288359E+22	2,112884E+22	1,794811E+22	1,403323E+22	1,043349E+22	8,273985E+21	8,273905E+21	1,043322E+22	1,403282E+22
2790	1,794784E+22	2,112885E+22	2,288385E+22	2,288387E+22	2,112869E+22	1,794755E+22	1,403267E+22	1,043324E+22	8,274074E+21	8,274253E+21	1,043364E+22	1,403306E+22
2791	1,794768E+22	2,112829E+22	2,288288E+22	2,288251E+22	2,112768E+22	1,794739E+22	1,403308E+22	1,043388E+22	8,274579E+21	8,274435E+21	1,043353E+22	1,403274E+22
2792	1,794721E+22	2,112793E+22	2,288312E+22	2,288333E+22	2,112847E+22	1,794788E+22	1,403329E+22	1,043399E+22	8,274827E+21	8,274834E+21	1,043398E+22	1,403321E+22
2793	1,794775E+22	2,112849E+22	2,288352E+22	2,288336E+22	2,112783E+22	1,794696E+22	1,403273E+22	1,043389E+22	8,275026E+21	8,275180E+21	1,043433E+22	1,403336E+22
2794	1,794740E+22	2,112742E+22	2,288192E+22	2,288212E+22	2,112770E+22	1,794751E+22	1,403343E+22	1,043454E+22	8,275523E+21	8,275439E+21	1,043432E+22	1,403315E+22
2795	1,794728E+22	2,112778E+22	2,288274E+22	2,288290E+22	2,112827E+22	1,794786E+22	1,403346E+22	1,043443E+22	8,275544E+21	8,275681E+21	1,043473E+22	1,403364E+22
2796	1,794772E+22	2,112799E+22	2,288262E+22	2,288225E+22	2,112712E+22	1,794699E+22	1,403326E+22	1,043462E+22	8,275757E+21	8,275727E+21	1,043456E+22	1,403328E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2797	1,794718E+22	2,112721E+22	2,288178E+22	2,288200E+22	2,112759E+22	1,794759E+22	1,403376E+22	1,043499E+22	8,275980E+21	8,275797E+21	1,043447E+22	1,403314E+22
2798	1,794734E+22	2,112800E+22	2,288294E+22	2,288292E+22	2,112797E+22	1,794735E+22	1,403317E+22	1,043448E+22	8,275778E+21	8,275933E+21	1,043482E+22	1,403344E+22
2799	1,794727E+22	2,112748E+22	2,288215E+22	2,288193E+22	2,112712E+22	1,794711E+22	1,403333E+22	1,043467E+22	8,275754E+21	8,275660E+21	1,043447E+22	1,403312E+22
2800	1,794689E+22	2,112700E+22	2,288201E+22	2,288258E+22	2,112814E+22	1,794786E+22	1,403362E+22	1,043455E+22	8,275495E+21	8,275450E+21	1,043440E+22	1,403335E+22
2801	1,794763E+22	2,112811E+22	2,288294E+22	2,288299E+22	2,112789E+22	1,794717E+22	1,403292E+22	1,043402E+22	8,275107E+21	8,275237E+21	1,043439E+22	1,403346E+22
2802	1,794757E+22	2,112765E+22	2,288196E+22	2,288183E+22	2,112743E+22	1,794739E+22	1,403328E+22	1,043425E+22	8,275073E+21	8,274908E+21	1,043387E+22	1,403292E+22
2803	1,794734E+22	2,112809E+22	2,288315E+22	2,288314E+22	2,112827E+22	1,794783E+22	1,403328E+22	1,043390E+22	8,274720E+21	8,274738E+21	1,043390E+22	1,403317E+22
2804	1,794778E+22	2,112857E+22	2,288360E+22	2,288335E+22	2,112772E+22	1,794689E+22	1,403269E+22	1,043366E+22	8,274546E+21	8,274555E+21	1,043371E+22	1,403288E+22
2805	1,794728E+22	2,112777E+22	2,288255E+22	2,288284E+22	2,112819E+22	1,794756E+22	1,403310E+22	1,043387E+22	8,274610E+21	8,274476E+21	1,043353E+22	1,403270E+22
2806	1,794731E+22	2,112832E+22	2,288358E+22	2,288377E+22	2,112885E+22	1,794783E+22	1,403287E+22	1,043346E+22	8,274409E+21	8,274618E+21	1,043393E+22	1,403317E+22
2807	1,794755E+22	2,112810E+22	2,288296E+22	2,288271E+22	2,112764E+22	1,794728E+22	1,403299E+22	1,043377E+22	8,274569E+21	8,274545E+21	1,043373E+22	1,403295E+22
2808	1,794723E+22	2,112751E+22	2,288234E+22	2,288274E+22	2,112819E+22	1,794784E+22	1,403349E+22	1,043416E+22	8,274867E+21	8,274729E+21	1,043375E+22	1,403294E+22
2809	1,794760E+22	2,112845E+22	2,288337E+22	2,288333E+22	2,112812E+22	1,794724E+22	1,403287E+22	1,043392E+22	8,274998E+21	8,275134E+21	1,043427E+22	1,403330E+22
2810	1,794746E+22	2,112773E+22	2,288216E+22	2,288186E+22	2,112718E+22	1,794707E+22	1,403316E+22	1,043444E+22	8,275506E+21	8,275427E+21	1,043427E+22	1,403300E+22
2811	1,794697E+22	2,112738E+22	2,288243E+22	2,288264E+22	2,112795E+22	1,794773E+22	1,403357E+22	1,043461E+22	8,275713E+21	8,275766E+21	1,043468E+22	1,403347E+22
2812	1,794748E+22	2,112778E+22	2,288264E+22	2,288265E+22	2,112742E+22	1,794690E+22	1,403308E+22	1,043459E+22	8,275931E+21	8,276078E+21	1,043498E+22	1,403360E+22
2813	1,794726E+22	2,112703E+22	2,288122E+22	2,288128E+22	2,112707E+22	1,794727E+22	1,403367E+22	1,043518E+22	8,276364E+21	8,276246E+21	1,043487E+22	1,403335E+22
2814	1,794716E+22	2,112744E+22	2,288220E+22	2,288225E+22	2,112773E+22	1,794762E+22	1,403365E+22	1,043506E+22	8,276437E+21	8,276554E+21	1,043527E+22	1,403371E+22
2815	1,794740E+22	2,112746E+22	2,288197E+22	2,288159E+22	2,112660E+22	1,794677E+22	1,403349E+22	1,043525E+22	8,276622E+21	8,276591E+21	1,043518E+22	1,403345E+22
2816	1,794690E+22	2,112665E+22	2,288113E+22	2,288145E+22	2,112721E+22	1,794738E+22	1,403392E+22	1,043554E+22	8,276773E+21	8,276589E+21	1,043503E+22	1,403328E+22
2817	1,794700E+22	2,112736E+22	2,288230E+22	2,288247E+22	2,112772E+22	1,794726E+22	1,403334E+22	1,043499E+22	8,276499E+21	8,276666E+21	1,043544E+22	1,403382E+22
2818	1,794720E+22	2,112690E+22	2,288125E+22	2,288110E+22	2,112664E+22	1,794697E+22	1,403350E+22	1,043513E+22	8,276443E+21	8,276403E+21	1,043508E+22	1,403348E+22
2819	1,794696E+22	2,112676E+22	2,288144E+22	2,288177E+22	2,112745E+22	1,794765E+22	1,403393E+22	1,043513E+22	8,276186E+21	8,276103E+21	1,043485E+22	1,403353E+22
2820	1,794754E+22	2,112783E+22	2,288249E+22	2,288241E+22	2,112736E+22	1,794688E+22	1,403311E+22	1,043460E+22	8,275866E+21	8,275937E+21	1,043481E+22	1,403349E+22
2821	1,794737E+22	2,112748E+22	2,288172E+22	2,288137E+22	2,112691E+22	1,794702E+22	1,403330E+22	1,043468E+22	8,275755E+21	8,275604E+21	1,043433E+22	1,403298E+22
2822	1,794704E+22	2,112767E+22	2,288282E+22	2,288290E+22	2,112807E+22	1,794764E+22	1,403331E+22	1,043432E+22	8,275437E+21	8,275511E+21	1,043444E+22	1,403325E+22
2823	1,794735E+22	2,112783E+22	2,288282E+22	2,288279E+22	2,112753E+22	1,794690E+22	1,403292E+22	1,043415E+22	8,275267E+21	8,275327E+21	1,043433E+22	1,403317E+22
2824	1,794710E+22	2,112712E+22	2,288168E+22	2,288210E+22	2,112785E+22	1,794757E+22	1,403345E+22	1,043447E+22	8,275348E+21	8,275191E+21	1,043405E+22	1,403292E+22
2825	1,794714E+22	2,112780E+22	2,288286E+22	2,288308E+22	2,112839E+22	1,794771E+22	1,403319E+22	1,043414E+22	8,275219E+21	8,275352E+21	1,043447E+22	1,403346E+22
2826	1,794748E+22	2,112764E+22	2,288213E+22	2,288176E+22	2,112694E+22	1,794698E+22	1,403319E+22	1,043442E+22	8,275489E+21	8,275461E+21	1,043438E+22	1,403318E+22
2827	1,794711E+22	2,112719E+22	2,288185E+22	2,288198E+22	2,112740E+22	1,794749E+22	1,403376E+22	1,043486E+22	8,275792E+21	8,275656E+21	1,043441E+22	1,403312E+22
2828	1,794728E+22	2,112785E+22	2,288276E+22	2,288277E+22	2,112764E+22	1,794692E+22	1,403302E+22	1,043457E+22	8,275957E+21	8,276116E+21	1,043499E+22	1,403353E+22
2829	1,794722E+22	2,112725E+22	2,288154E+22	2,288119E+22	2,112669E+22	1,794682E+22	1,403324E+22	1,043494E+22	8,276336E+21	8,276332E+21	1,043499E+22	1,403335E+22
2830	1,794689E+22	2,112692E+22	2,288176E+22	2,288198E+22	2,112754E+22	1,794760E+22	1,403377E+22	1,043517E+22	8,276552E+21	8,276640E+21	1,043532E+22	1,403372E+22
2831	1,794733E+22	2,112726E+22	2,288183E+22	2,288180E+22	2,112691E+22	1,794678E+22	1,403341E+22	1,043528E+22	8,276811E+21	8,276912E+21	1,043556E+22	1,403382E+22
2832	1,794714E+22	2,112663E+22	2,288062E+22	2,288060E+22	2,112655E+22	1,794706E+22	1,403395E+22	1,043587E+22	8,277254E+21	8,277050E+21	1,043534E+22	1,403336E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2833	1,794679E+22	2,112690E+22	2,288173E+22	2,288183E+22	2,112733E+22	1,794740E+22	1,403388E+22	1,043572E+22	8,277310E+21	8,277383E+21	1,043586E+22	1,403387E+22
2834	1,794703E+22	2,112673E+22	2,288118E+22	2,288093E+22	2,112619E+22	1,794657E+22	1,403363E+22	1,043582E+22	8,277491E+21	8,277510E+21	1,043588E+22	1,403372E+22
2835	1,794665E+22	2,112604E+22	2,288039E+22	2,288069E+22	2,112666E+22	1,794728E+22	1,403422E+22	1,043611E+22	8,277550E+21	8,277404E+21	1,043568E+22	1,403357E+22
2836	1,794680E+22	2,112671E+22	2,288145E+22	2,288170E+22	2,112725E+22	1,794714E+22	1,403363E+22	1,043559E+22	8,277270E+21	8,277424E+21	1,043599E+22	1,403407E+22
2837	1,794720E+22	2,112668E+22	2,288071E+22	2,288032E+22	2,112602E+22	1,794666E+22	1,403359E+22	1,043559E+22	8,277112E+21	8,277066E+21	1,043555E+22	1,403370E+22
2838	1,794698E+22	2,112662E+22	2,288112E+22	2,288128E+22	2,112696E+22	1,794734E+22	1,403396E+22	1,043557E+22	8,276896E+21	8,276805E+21	1,043529E+22	1,403360E+22
2839	1,794731E+22	2,112744E+22	2,288207E+22	2,288197E+22	2,112702E+22	1,794670E+22	1,403325E+22	1,043509E+22	8,276564E+21	8,276641E+21	1,043532E+22	1,403364E+22
2840	1,794713E+22	2,112699E+22	2,288127E+22	2,288105E+22	2,112670E+22	1,794686E+22	1,403341E+22	1,043514E+22	8,276428E+21	8,276276E+21	1,043480E+22	1,403309E+22
2841	1,794670E+22	2,112701E+22	2,288219E+22	2,288249E+22	2,112792E+22	1,794767E+22	1,403355E+22	1,043482E+22	8,276107E+21	8,276191E+21	1,043500E+22	1,403356E+22
2842	1,794720E+22	2,112719E+22	2,288189E+22	2,288191E+22	2,112706E+22	1,794687E+22	1,403321E+22	1,043472E+22	8,276017E+21	8,276096E+21	1,043492E+22	1,403347E+22
2843	1,794708E+22	2,112678E+22	2,288101E+22	2,288112E+22	2,112703E+22	1,794734E+22	1,403381E+22	1,043516E+22	8,276186E+21	8,275972E+21	1,043457E+22	1,403308E+22
2844	1,794697E+22	2,112735E+22	2,288224E+22	2,288230E+22	2,112772E+22	1,794739E+22	1,403340E+22	1,043485E+22	8,276168E+21	8,276242E+21	1,043502E+22	1,403354E+22
2845	1,794727E+22	2,112734E+22	2,288170E+22	2,288113E+22	2,112628E+22	1,794652E+22	1,403318E+22	1,043494E+22	8,276349E+21	8,276364E+21	1,043503E+22	1,403338E+22
2846	1,794686E+22	2,112671E+22	2,288137E+22	2,288156E+22	2,112703E+22	1,794717E+22	1,403374E+22	1,043536E+22	8,276669E+21	8,276592E+21	1,043510E+22	1,403336E+22
2847	1,794697E+22	2,112713E+22	2,288194E+22	2,288209E+22	2,112731E+22	1,794687E+22	1,403327E+22	1,043516E+22	8,276791E+21	8,276999E+21	1,043569E+22	1,403388E+22
2848	1,794710E+22	2,112664E+22	2,288076E+22	2,288050E+22	2,112628E+22	1,794675E+22	1,403358E+22	1,043560E+22	8,277166E+21	8,277122E+21	1,043554E+22	1,403354E+22
2849	1,794670E+22	2,112642E+22	2,288109E+22	2,288135E+22	2,112714E+22	1,794753E+22	1,403412E+22	1,043590E+22	8,277436E+21	8,277445E+21	1,043587E+22	1,403392E+22
2850	1,794713E+22	2,112674E+22	2,288107E+22	2,288095E+22	2,112632E+22	1,794661E+22	1,403370E+22	1,043601E+22	8,277790E+21	8,277866E+21	1,043620E+22	1,403398E+22
2851	1,794689E+22	2,112616E+22	2,288007E+22	2,287987E+22	2,112586E+22	1,794683E+22	1,403427E+22	1,043661E+22	8,278216E+21	8,277995E+21	1,043600E+22	1,403352E+22
2852	1,794640E+22	2,112613E+22	2,288095E+22	2,288123E+22	2,112693E+22	1,794720E+22	1,403406E+22	1,043637E+22	8,278252E+21	8,278330E+21	1,043654E+22	1,403411E+22
2853	1,794684E+22	2,112620E+22	2,288040E+22	2,288014E+22	2,112567E+22	1,794634E+22	1,403371E+22	1,043627E+22	8,278239E+21	8,278343E+21	1,043658E+22	1,403414E+22
2854	1,794669E+22	2,112567E+22	2,287975E+22	2,287999E+22	2,112613E+22	1,794703E+22	1,403431E+22	1,043658E+22	8,278259E+21	8,278134E+21	1,043624E+22	1,403387E+22
2855	1,794682E+22	2,112641E+22	2,288083E+22	2,288091E+22	2,112664E+22	1,794691E+22	1,403381E+22	1,043612E+22	8,277967E+21	8,278089E+21	1,043646E+22	1,403427E+22
2856	1,794718E+22	2,112646E+22	2,288039E+22	2,287990E+22	2,112555E+22	1,794638E+22	1,403370E+22	1,043607E+22	8,277778E+21	8,277677E+21	1,043588E+22	1,403367E+22
2857	1,794669E+22	2,112627E+22	2,288088E+22	2,288111E+22	2,112676E+22	1,794719E+22	1,403405E+22	1,043602E+22	8,277528E+21	8,277427E+21	1,043573E+22	1,403368E+22
2858	1,794694E+22	2,112678E+22	2,288138E+22	2,288146E+22	2,112678E+22	1,794666E+22	1,403340E+22	1,043556E+22	8,277274E+21	8,277378E+21	1,043586E+22	1,403380E+22
2859	1,794686E+22	2,112639E+22	2,288058E+22	2,288037E+22	2,112626E+22	1,794691E+22	1,403379E+22	1,043572E+22	8,277149E+21	8,276992E+21	1,043532E+22	1,403329E+22
2860	1,794645E+22	2,112629E+22	2,288129E+22	2,288172E+22	2,112745E+22	1,794760E+22	1,403390E+22	1,043550E+22	8,276927E+21	8,276950E+21	1,043550E+22	1,403371E+22
2861	1,794711E+22	2,112686E+22	2,288122E+22	2,288102E+22	2,112633E+22	1,794655E+22	1,403336E+22	1,043529E+22	8,276826E+21	8,276893E+21	1,043548E+22	1,403370E+22
2862	1,794702E+22	2,112652E+22	2,288058E+22	2,288050E+22	2,112637E+22	1,794693E+22	1,403383E+22	1,043571E+22	8,277051E+21	8,276837E+21	1,043515E+22	1,403323E+22
2863	1,794674E+22	2,112688E+22	2,288167E+22	2,288168E+22	2,112716E+22	1,794707E+22	1,403351E+22	1,043542E+22	8,277028E+21	8,277140E+21	1,043570E+22	1,403381E+22
2864	1,794706E+22	2,112677E+22	2,288114E+22	2,288074E+22	2,112597E+22	1,794629E+22	1,403325E+22	1,043545E+22	8,277158E+21	8,277202E+21	1,043565E+22	1,403362E+22
2865	1,794664E+22	2,112610E+22	2,288070E+22	2,288109E+22	2,112682E+22	1,794717E+22	1,403395E+22	1,043589E+22	8,277435E+21	8,277401E+21	1,043577E+22	1,403373E+22
2866	1,794687E+22	2,112652E+22	2,288101E+22	2,288119E+22	2,112681E+22	1,794686E+22	1,403363E+22	1,043585E+22	8,277683E+21	8,277875E+21	1,043634E+22	1,403417E+22
2867	1,794705E+22	2,112628E+22	2,288013E+22	2,287962E+22	2,112553E+22	1,794661E+22	1,403402E+22	1,043641E+22	8,278142E+21	8,278014E+21	1,043610E+22	1,403366E+22
2868	1,794642E+22	2,112583E+22	2,288040E+22	2,288065E+22	2,112656E+22	1,794731E+22	1,403443E+22	1,043671E+22	8,278496E+21	8,278432E+21	1,043646E+22	1,403395E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,794680E+22	2,112627E+22	2,288047E+22	2,288027E+22	2,112571E+22	1,794627E+22	1,403379E+22	1,043661E+22	8,278728E+21	8,278848E+21	1,043692E+22	1,403421E+22
2870	1,794660E+22	2,112555E+22	2,287941E+22	2,287929E+22	2,112540E+22	1,794655E+22	1,403431E+22	1,043714E+22	8,279101E+21	8,278929E+21	1,043672E+22	1,403383E+22
2871	1,794618E+22	2,112542E+22	2,288001E+22	2,288040E+22	2,112644E+22	1,794712E+22	1,403431E+22	1,043693E+22	8,279031E+21	8,279149E+21	1,043722E+22	1,403451E+22
2872	1,794685E+22	2,112572E+22	2,287968E+22	2,287949E+22	2,112516E+22	1,794613E+22	1,403389E+22	1,043679E+22	8,278928E+21	8,278996E+21	1,043704E+22	1,403435E+22
2873	1,794667E+22	2,112539E+22	2,287927E+22	2,287947E+22	2,112571E+22	1,794684E+22	1,403446E+22	1,043709E+22	8,278920E+21	8,278763E+21	1,043668E+22	1,403404E+22
2874	1,794670E+22	2,112609E+22	2,288034E+22	2,288029E+22	2,112613E+22	1,794674E+22	1,403399E+22	1,043665E+22	8,278701E+21	8,278805E+21	1,043693E+22	1,403435E+22
2875	1,794695E+22	2,112613E+22	2,288008E+22	2,287947E+22	2,112505E+22	1,794622E+22	1,403393E+22	1,043662E+22	8,278514E+21	8,278392E+21	1,043635E+22	1,403371E+22
2876	1,794629E+22	2,112557E+22	2,288023E+22	2,288071E+22	2,112657E+22	1,794715E+22	1,403426E+22	1,043657E+22	8,278308E+21	8,278190E+21	1,043621E+22	1,403376E+22
2877	1,794670E+22	2,112627E+22	2,288064E+22	2,288076E+22	2,112636E+22	1,794657E+22	1,403355E+22	1,043600E+22	8,277948E+21	8,278108E+21	1,043643E+22	1,403409E+22
2878	1,794681E+22	2,112596E+22	2,287989E+22	2,287967E+22	2,112569E+22	1,794667E+22	1,403394E+22	1,043626E+22	8,277894E+21	8,277713E+21	1,043585E+22	1,403352E+22
2879	1,794638E+22	2,112589E+22	2,288055E+22	2,288087E+22	2,112676E+22	1,794734E+22	1,403411E+22	1,043610E+22	8,277723E+21	8,277713E+21	1,043603E+22	1,403392E+22
2880	1,794701E+22	2,112649E+22	2,288078E+22	2,288054E+22	2,112574E+22	1,794617E+22	1,403342E+22	1,043581E+22	8,277605E+21	8,277662E+21	1,043599E+22	1,403379E+22
2881	1,794676E+22	2,112608E+22	2,288018E+22	2,288021E+22	2,112606E+22	1,794669E+22	1,403387E+22	1,043618E+22	8,277796E+21	8,277645E+21	1,043580E+22	1,403347E+22
2882	1,794645E+22	2,112624E+22	2,288090E+22	2,288105E+22	2,112679E+22	1,794699E+22	1,403369E+22	1,043596E+22	8,277858E+21	8,278025E+21	1,043639E+22	1,403412E+22
2883	1,794691E+22	2,112622E+22	2,288042E+22	2,288000E+22	2,112548E+22	1,794632E+22	1,403365E+22	1,043611E+22	8,278009E+21	8,278049E+21	1,043626E+22	1,403387E+22
2884	1,794646E+22	2,112547E+22	2,287983E+22	2,288033E+22	2,112637E+22	1,794715E+22	1,403437E+22	1,043668E+22	8,278401E+21	8,278277E+21	1,043630E+22	1,403385E+22
2885	1,794676E+22	2,112619E+22	2,288030E+22	2,288030E+22	2,112611E+22	1,794663E+22	1,403388E+22	1,043655E+22	8,278645E+21	8,278808E+21	1,043696E+22	1,403437E+22
2886	1,794688E+22	2,112590E+22	2,287961E+22	2,287901E+22	2,112488E+22	1,794626E+22	1,403418E+22	1,043712E+22	8,279149E+21	8,278994E+21	1,043677E+22	1,403383E+22
2887	1,794611E+22	2,112519E+22	2,287964E+22	2,287995E+22	2,112597E+22	1,794702E+22	1,403461E+22	1,043738E+22	8,279458E+21	8,279421E+21	1,043721E+22	1,403424E+22
2888	1,794653E+22	2,112555E+22	2,287974E+22	2,287975E+22	2,112528E+22	1,794603E+22	1,403389E+22	1,043714E+22	8,279564E+21	8,279729E+21	1,043760E+22	1,403451E+22
2889	1,794646E+22	2,112499E+22	2,287867E+22	2,287869E+22	2,112505E+22	1,794646E+22	1,403447E+22	1,043760E+22	8,279786E+21	8,279691E+21	1,043738E+22	1,403420E+22
2890	1,794616E+22	2,112498E+22	2,287917E+22	2,287946E+22	2,112577E+22	1,794694E+22	1,403456E+22	1,043752E+22	8,279798E+21	8,279893E+21	1,043775E+22	1,403477E+22
2891	1,794688E+22	2,112554E+22	2,287925E+22	2,287878E+22	2,112448E+22	1,794593E+22	1,403417E+22	1,043742E+22	8,279713E+21	8,279699E+21	1,043744E+22	1,403437E+22
2892	1,794642E+22	2,112501E+22	2,287886E+22	2,287908E+22	2,112532E+22	1,794664E+22	1,403464E+22	1,043768E+22	8,279737E+21	8,279513E+21	1,043707E+22	1,403395E+22
2893	1,794637E+22	2,112570E+22	2,287989E+22	2,287987E+22	2,112574E+22	1,794652E+22	1,403406E+22	1,043709E+22	8,279422E+21	8,279568E+21	1,043747E+22	1,403446E+22
2894	1,794661E+22	2,112554E+22	2,287952E+22	2,287911E+22	2,112480E+22	1,794609E+22	1,403403E+22	1,043707E+22	8,279225E+21	8,279129E+21	1,043691E+22	1,403390E+22
2895	1,794600E+22	2,112485E+22	2,287927E+22	2,287994E+22	2,112615E+22	1,794714E+22	1,403456E+22	1,043710E+22	8,279004E+21	8,278909E+21	1,043678E+22	1,403403E+22
2896	1,794657E+22	2,112571E+22	2,287989E+22	2,288012E+22	2,112586E+22	1,794638E+22	1,403376E+22	1,043652E+22	8,278639E+21	8,278767E+21	1,043688E+22	1,403426E+22
2897	1,794674E+22	2,112565E+22	2,287935E+22	2,287908E+22	2,112521E+22	1,794645E+22	1,403407E+22	1,043674E+22	8,278583E+21	8,278423E+21	1,043639E+22	1,403373E+22
2898	1,794626E+22	2,112552E+22	2,287995E+22	2,288014E+22	2,112610E+22	1,794706E+22	1,403428E+22	1,043667E+22	8,278538E+21	8,278538E+21	1,043663E+22	1,403413E+22
2899	1,794687E+22	2,112615E+22	2,288034E+22	2,288001E+22	2,112522E+22	1,794596E+22	1,403361E+22	1,043638E+22	8,278427E+21	8,278499E+21	1,043660E+22	1,403399E+22
2900	1,794650E+22	2,112546E+22	2,287948E+22	2,287974E+22	2,112581E+22	1,794663E+22	1,403407E+22	1,043674E+22	8,278648E+21	8,278513E+21	1,043640E+22	1,403368E+22
2901	1,794636E+22	2,112582E+22	2,288014E+22	2,288029E+22	2,112628E+22	1,794690E+22	1,403392E+22	1,043650E+22	8,278650E+21	8,278871E+21	1,043705E+22	1,403445E+22
2902	1,794689E+22	2,112587E+22	2,287978E+22	2,287930E+22	2,112486E+22	1,794606E+22	1,403390E+22	1,043681E+22	8,278917E+21	8,278898E+21	1,043684E+22	1,403406E+22
2903	1,794632E+22	2,112503E+22	2,287908E+22	2,287948E+22	2,112569E+22	1,794693E+22	1,403468E+22	1,043744E+22	8,279388E+21	8,279211E+21	1,043690E+22	1,403397E+22
2904	1,794646E+22	2,112564E+22	2,287978E+22	2,287984E+22	2,112555E+22	1,794629E+22	1,403402E+22	1,043719E+22	8,279582E+21	8,279728E+21	1,043755E+22	1,403444E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,794649E+22	2,112526E+22	2,287897E+22	2,287857E+22	2,112454E+22	1,794603E+22	1,403430E+22	1,043767E+22	8,280006E+21	8,279929E+21	1,043752E+22	1,403410E+22
2906	1,794577E+22	2,112441E+22	2,287866E+22	2,287910E+22	2,112546E+22	1,794692E+22	1,403486E+22	1,043800E+22	8,280342E+21	8,280352E+21	1,043795E+22	1,403460E+22
2907	1,794641E+22	2,112499E+22	2,287890E+22	2,287885E+22	2,112467E+22	1,794596E+22	1,403425E+22	1,043778E+22	8,280399E+21	8,280554E+21	1,043821E+22	1,403478E+22
2908	1,794635E+22	2,112449E+22	2,287789E+22	2,287795E+22	2,112455E+22	1,794633E+22	1,403476E+22	1,043826E+22	8,280653E+21	8,280483E+21	1,043785E+22	1,403433E+22
2909	1,794614E+22	2,112481E+22	2,287865E+22	2,287872E+22	2,112511E+22	1,794664E+22	1,403470E+22	1,043805E+22	8,280592E+21	8,280684E+21	1,043828E+22	1,403491E+22
2910	1,794673E+22	2,112528E+22	2,287893E+22	2,287841E+22	2,112401E+22	1,794559E+22	1,403426E+22	1,043796E+22	8,280508E+21	8,280470E+21	1,043795E+22	1,403445E+22
2911	1,794608E+22	2,112445E+22	2,287825E+22	2,287862E+22	2,112500E+22	1,794648E+22	1,403481E+22	1,043820E+22	8,280493E+21	8,280289E+21	1,043764E+22	1,403412E+22
2912	1,794602E+22	2,112499E+22	2,287925E+22	2,287950E+22	2,112551E+22	1,794643E+22	1,403419E+22	1,043750E+22	8,280062E+21	8,280249E+21	1,043799E+22	1,403467E+22
2913	1,794643E+22	2,112499E+22	2,287879E+22	2,287854E+22	2,112452E+22	1,794608E+22	1,403426E+22	1,043749E+22	8,279794E+21	8,279774E+21	1,043748E+22	1,403421E+22
2914	1,794595E+22	2,112442E+22	2,287843E+22	2,287896E+22	2,112546E+22	1,794697E+22	1,403485E+22	1,043769E+22	8,279728E+21	8,279601E+21	1,043729E+22	1,403427E+22
2915	1,794657E+22	2,112550E+22	2,287939E+22	2,287935E+22	2,112516E+22	1,794614E+22	1,403400E+22	1,043712E+22	8,279421E+21	8,279498E+21	1,043734E+22	1,403434E+22
2916	1,794652E+22	2,112528E+22	2,287891E+22	2,287864E+22	2,112479E+22	1,794619E+22	1,403419E+22	1,043728E+22	8,279400E+21	8,279220E+21	1,043686E+22	1,403378E+22
2917	1,794606E+22	2,112520E+22	2,287947E+22	2,287961E+22	2,112562E+22	1,794674E+22	1,403431E+22	1,043711E+22	8,279300E+21	8,279372E+21	1,043728E+22	1,403439E+22
2918	1,794667E+22	2,112567E+22	2,287978E+22	2,287959E+22	2,112491E+22	1,794578E+22	1,403374E+22	1,043690E+22	8,279202E+21	8,279295E+21	1,043721E+22	1,403426E+22
2919	1,794631E+22	2,112487E+22	2,287863E+22	2,287899E+22	2,112536E+22	1,794657E+22	1,403441E+22	1,043737E+22	8,279456E+21	8,279320E+21	1,043700E+22	1,403392E+22
2920	1,794617E+22	2,112526E+22	2,287947E+22	2,287966E+22	2,112575E+22	1,794671E+22	1,403421E+22	1,043715E+22	8,279495E+21	8,279661E+21	1,043756E+22	1,403456E+22
2921	1,794669E+22	2,112546E+22	2,287921E+22	2,287872E+22	2,112443E+22	1,794590E+22	1,403415E+22	1,043743E+22	8,279778E+21	8,279786E+21	1,043748E+22	1,403420E+22
2922	1,794599E+22	2,112447E+22	2,287832E+22	2,287863E+22	2,112501E+22	1,794666E+22	1,403496E+22	1,043817E+22	8,280385E+21	8,280210E+21	1,043762E+22	1,403419E+22
2923	1,794614E+22	2,112502E+22	2,287905E+22	2,287913E+22	2,112504E+22	1,794611E+22	1,403427E+22	1,043789E+22	8,280569E+21	8,280722E+21	1,043828E+22	1,403469E+22
2924	1,794618E+22	2,112450E+22	2,287807E+22	2,287790E+22	2,112420E+22	1,794595E+22	1,403452E+22	1,043829E+22	8,280935E+21	8,280879E+21	1,043820E+22	1,403442E+22
2925	1,794575E+22	2,112398E+22	2,287779E+22	2,287814E+22	2,112476E+22	1,794666E+22	1,403507E+22	1,043856E+22	8,281168E+21	8,281228E+21	1,043866E+22	1,403500E+22
2926	1,794647E+22	2,112473E+22	2,287832E+22	2,287813E+22	2,112401E+22	1,794560E+22	1,403443E+22	1,043843E+22	8,281241E+21	8,281342E+21	1,043875E+22	1,403498E+22
2927	1,794625E+22	2,112418E+22	2,287735E+22	2,287726E+22	2,112394E+22	1,794605E+22	1,403496E+22	1,043887E+22	8,281488E+21	8,281295E+21	1,043838E+22	1,403442E+22
2928	1,794582E+22	2,112435E+22	2,287833E+22	2,287844E+22	2,112471E+22	1,794635E+22	1,403479E+22	1,043854E+22	8,281331E+21	8,281427E+21	1,043876E+22	1,403494E+22
2929	1,794635E+22	2,112472E+22	2,287843E+22	2,287815E+22	2,112392E+22	1,794552E+22	1,403438E+22	1,043836E+22	8,281151E+21	8,281204E+21	1,043854E+22	1,403462E+22
2930	1,794574E+22	2,112373E+22	2,287737E+22	2,287786E+22	2,112463E+22	1,794650E+22	1,403511E+22	1,043874E+22	8,281203E+21	8,281019E+21	1,043822E+22	1,403440E+22
2931	1,794587E+22	2,112444E+22	2,287843E+22	2,287868E+22	2,112504E+22	1,794642E+22	1,403455E+22	1,043810E+22	8,280774E+21	8,280913E+21	1,043845E+22	1,403485E+22
2932	1,794629E+22	2,112453E+22	2,287805E+22	2,287780E+22	2,112406E+22	1,794594E+22	1,403453E+22	1,043810E+22	8,280570E+21	8,280471E+21	1,043789E+22	1,403435E+22
2933	1,794596E+22	2,112427E+22	2,287795E+22	2,287817E+22	2,112471E+22	1,794657E+22	1,403495E+22	1,043819E+22	8,280477E+21	8,280371E+21	1,043785E+22	1,403448E+22
2934	1,794647E+22	2,112529E+22	2,287911E+22	2,287892E+22	2,112459E+22	1,794567E+22	1,403403E+22	1,043764E+22	8,280189E+21	8,280272E+21	1,043791E+22	1,403452E+22
2935	1,794627E+22	2,112481E+22	2,287837E+22	2,287817E+22	2,112445E+22	1,794597E+22	1,403428E+22	1,043776E+22	8,280154E+21	8,280033E+21	1,043749E+22	1,403403E+22
2936	1,794579E+22	2,112460E+22	2,287893E+22	2,287925E+22	2,112537E+22	1,794661E+22	1,403441E+22	1,043751E+22	8,279958E+21	8,280087E+21	1,043782E+22	1,403461E+22
2937	1,794654E+22	2,112518E+22	2,287910E+22	2,287902E+22	2,112464E+22	1,794575E+22	1,403400E+22	1,043738E+22	8,279868E+21	8,280018E+21	1,043779E+22	1,403449E+22
2938	1,794617E+22	2,112441E+22	2,287784E+22	2,287805E+22	2,112471E+22	1,794642E+22	1,403480E+22	1,043812E+22	8,280352E+21	8,280141E+21	1,043754E+22	1,403408E+22
2939	1,794596E+22	2,112483E+22	2,287885E+22	2,287889E+22	2,112515E+22	1,794652E+22	1,403453E+22	1,043791E+22	8,280474E+21	8,280568E+21	1,043810E+22	1,403458E+22
2940	1,794626E+22	2,112481E+22	2,287854E+22	2,287816E+22	2,112403E+22	1,794571E+22	1,403439E+22	1,043815E+22	8,280801E+21	8,280782E+21	1,043811E+22	1,403433E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 30°	30° - 60°	60° - 90°	90° - 120°	120° - 150°	150° - 180°	180° - 210°	210° - 240°	240° - 270°	270° - 300°	300° - 330°	330° - 360°
Years												
2941	1,794570E+22	2,112387E+22	2,287753E+22	2,287783E+22	2,112442E+22	1,794637E+22	1,403509E+22	1,043876E+22	8,281327E+21	8,281235E+21	1,043845E+22	1,403457E+22
2942	1,794595E+22	2,112439E+22	2,287823E+22	2,287837E+22	2,112450E+22	1,794585E+22	1,403447E+22	1,043852E+22	8,281465E+21	8,281650E+21	1,043902E+22	1,403507E+22
2943	1,794608E+22	2,112392E+22	2,287715E+22	2,287698E+22	2,112359E+22	1,794577E+22	1,403481E+22	1,043894E+22	8,281800E+21	8,281749E+21	1,043886E+22	1,403474E+22
2944	1,794567E+22	2,112357E+22	2,287724E+22	2,287751E+22	2,112416E+22	1,794633E+22	1,403522E+22	1,043914E+22	8,281969E+21	8,281995E+21	1,043916E+22	1,403516E+22
2945	1,794636E+22	2,112446E+22	2,287792E+22	2,287766E+22	2,112363E+22	1,794541E+22	1,403460E+22	1,043894E+22	8,281987E+21	8,282129E+21	1,043932E+22	1,403510E+22
2946	1,794597E+22	2,112373E+22	2,287683E+22	2,287666E+22	2,112345E+22	1,794585E+22	1,403520E+22	1,043949E+22	8,282317E+21	8,282111E+21	1,043896E+22	1,403458E+22
2947	1,794551E+22	2,112377E+22	2,287772E+22	2,287793E+22	2,112445E+22	1,794632E+22	1,403504E+22	1,043912E+22	8,282124E+21	8,282205E+21	1,043930E+22	1,403508E+22
2948	1,794601E+22	2,112402E+22	2,287763E+22	2,287758E+22	2,112374E+22	1,794559E+22	1,403467E+22	1,043891E+22	8,281896E+21	8,281939E+21	1,043904E+22	1,403485E+22
2949	1,794571E+22	2,112334E+22	2,287657E+22	2,287688E+22	2,112394E+22	1,794628E+22	1,403533E+22	1,043927E+22	8,281910E+21	8,281741E+21	1,043879E+22	1,403471E+22
2950	1,794590E+22	2,112419E+22	2,287790E+22	2,287794E+22	2,112437E+22	1,794604E+22	1,403471E+22	1,043870E+22	8,281530E+21	8,281602E+21	1,043891E+22	1,403502E+22
2951	1,794619E+22	2,112423E+22	2,287759E+22	2,287719E+22	2,112346E+22	1,794558E+22	1,403461E+22	1,043860E+22	8,281319E+21	8,281221E+21	1,043840E+22	1,403445E+22
2952	1,794566E+22	2,112384E+22	2,287769E+22	2,287792E+22	2,112429E+22	1,794615E+22	1,403490E+22	1,043857E+22	8,281140E+21	8,281076E+21	1,043835E+22	1,403460E+22
2953	1,794619E+22	2,112479E+22	2,287867E+22	2,287865E+22	2,112450E+22	1,794560E+22	1,403410E+22	1,043797E+22	8,280779E+21	8,280979E+21	1,043850E+22	1,403473E+22
2954	1,794600E+22	2,112417E+22	2,287759E+22	2,287744E+22	2,112407E+22	1,794598E+22	1,403458E+22	1,043830E+22	8,280861E+21	8,280756E+21	1,043806E+22	1,403429E+22
2955	1,794565E+22	2,112407E+22	2,287814E+22	2,287846E+22	2,112498E+22	1,794663E+22	1,403480E+22	1,043819E+22	8,280759E+21	8,280810E+21	1,043827E+22	1,403472E+22
2956	1,794632E+22	2,112467E+22	2,287837E+22	2,287831E+22	2,112427E+22	1,794571E+22	1,403435E+22	1,043812E+22	8,280790E+21	8,280839E+21	1,043825E+22	1,403459E+22
2957	1,794603E+22	2,112403E+22	2,287720E+22	2,287716E+22	2,112395E+22	1,794609E+22	1,403502E+22	1,043881E+22	8,281316E+21	8,281112E+21	1,043824E+22	1,403432E+22
2958	1,794573E+22	2,112431E+22	2,287828E+22	2,287828E+22	2,112454E+22	1,794610E+22	1,403470E+22	1,043863E+22	8,281460E+21	8,281551E+21	1,043884E+22	1,403485E+22
2959	1,794596E+22	2,112410E+22	2,287770E+22	2,287742E+22	2,112354E+22	1,794547E+22	1,403454E+22	1,043877E+22	8,281751E+21	8,281801E+21	1,043893E+22	1,403471E+22
2960	1,794548E+22	2,112321E+22	2,287681E+22	2,287715E+22	2,112388E+22	1,794610E+22	1,403520E+22	1,043927E+22	8,282127E+21	8,282107E+21	1,043916E+22	1,403496E+22
2961	1,794597E+22	2,112400E+22	2,287753E+22	2,287761E+22	2,112400E+22	1,794569E+22	1,403468E+22	1,043905E+22	8,282217E+21	8,282461E+21	1,043967E+22	1,403537E+22
2962	1,794605E+22	2,112360E+22	2,287653E+22	2,287610E+22	2,112288E+22	1,794552E+22	1,403509E+22	1,043964E+22	8,282685E+21	8,282571E+21	1,043940E+22	1,403491E+22
2963	1,794554E+22	2,112327E+22	2,287680E+22	2,287695E+22	2,112372E+22	1,794615E+22	1,403544E+22	1,043981E+22	8,282863E+21	8,282815E+21	1,043963E+22	1,403514E+22
2964	1,794595E+22	2,112389E+22	2,287740E+22	2,287730E+22	2,112346E+22	1,794536E+22	1,403483E+22	1,043958E+22	8,282870E+21	8,282960E+21	1,043982E+22	1,403518E+22
2965	1,794566E+22	2,112312E+22	2,287613E+22	2,287602E+22	2,112305E+22	1,794573E+22	1,403539E+22	1,044004E+22	8,283124E+21	8,282966E+21	1,043963E+22	1,403487E+22
2966	1,794528E+22	2,112310E+22	2,287695E+22	2,287726E+22	2,112398E+22	1,794615E+22	1,403530E+22	1,043973E+22	8,282884E+21	8,282953E+21	1,043987E+22	1,403533E+22
2967	1,794585E+22	2,112341E+22	2,287676E+22	2,287670E+22	2,112317E+22	1,794545E+22	1,403494E+22	1,043951E+22	8,282663E+21	8,282685E+21	1,043959E+22	1,403508E+22
2968	1,794557E+22	2,112296E+22	2,287610E+22	2,287626E+22	2,112331E+22	1,794591E+22	1,403538E+22	1,043971E+22	8,282580E+21	8,282405E+21	1,043924E+22	1,403487E+22
2969	1,794583E+22	2,112394E+22	2,287753E+22	2,287744E+22	2,112390E+22	1,794576E+22	1,403475E+22	1,043907E+22	8,282155E+21	8,282301E+21	1,043944E+22	1,403516E+22
2970	1,794597E+22	2,112381E+22	2,287713E+22	2,287667E+22	2,112299E+22	1,794533E+22	1,403472E+22	1,043910E+22	8,282025E+21	8,281939E+21	1,043894E+22	1,403467E+22
2971	1,794547E+22	2,112335E+22	2,287713E+22	2,287751E+22	2,112412E+22	1,794611E+22	1,403501E+22	1,043903E+22	8,281824E+21	8,281765E+21	1,043884E+22	1,403477E+22
2972	1,794596E+22	2,112419E+22	2,287795E+22	2,287812E+22	2,112436E+22	1,794573E+22	1,403440E+22	1,043850E+22	8,281477E+21	8,281649E+21	1,043895E+22	1,403495E+22
2973	1,794600E+22	2,112380E+22	2,287688E+22	2,287655E+22	2,112342E+22	1,794581E+22	1,403487E+22	1,043891E+22	8,281639E+21	8,281515E+21	1,043862E+22	1,403455E+22
2974	1,794559E+22	2,112372E+22	2,287758E+22	2,287773E+22	2,112429E+22	1,794630E+22	1,403507E+22	1,043893E+22	8,281662E+21	8,281625E+21	1,043878E+22	1,403480E+22
2975	1,794603E+22	2,112417E+22	2,287777E+22	2,287761E+22	2,112367E+22	1,794544E+22	1,403455E+22	1,043880E+22	8,281757E+21	8,281800E+21	1,043890E+22	1,403470E+22
2976	1,794561E+22	2,112342E+22	2,287672E+22	2,287668E+22	2,112341E+22	1,794570E+22	1,403504E+22	1,043935E+22	8,282189E+21	8,282038E+21	1,043894E+22	1,403457E+22

1	2	3	4	5	6	7	8	9	10	11	12	13
Longitude \odot	0° - 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	1,794547E+22	2,112367E+22	2,287754E+22	2,287768E+22	2,112421E+22	1,794598E+22	1,403482E+22	1,043911E+22	8,282265E+21	8,282473E+21	1,043960E+22	1,403520E+22
2978	1,794578E+22	2,112343E+22	2,287679E+22	2,287651E+22	2,112295E+22	1,794534E+22	1,403485E+22	1,043943E+22	8,282615E+21	8,282677E+21	1,043962E+22	1,403510E+22
2979	1,794547E+22	2,112276E+22	2,287602E+22	2,287633E+22	2,112337E+22	1,794597E+22	1,403548E+22	1,043997E+22	8,283019E+21	8,282928E+21	1,043969E+22	1,403513E+22
2980	1,794584E+22	2,112361E+22	2,287695E+22	2,287697E+22	2,112358E+22	1,794562E+22	1,403500E+22	1,043977E+22	8,283149E+21	8,283298E+21	1,044015E+22	1,403549E+22
2981	1,794593E+22	2,112328E+22	2,287605E+22	2,287540E+22	2,112220E+22	1,794522E+22	1,403530E+22	1,044031E+22	8,283623E+21	8,283511E+21	1,044005E+22	1,403509E+22
2982	1,794526E+22	2,112274E+22	2,287630E+22	2,287651E+22	2,112328E+22	1,794586E+22	1,403564E+22	1,044050E+22	8,283789E+21	8,283714E+21	1,044025E+22	1,403529E+22
2983	1,794558E+22	2,112314E+22	2,287659E+22	2,287670E+22	2,112316E+22	1,794531E+22	1,403503E+22	1,044014E+22	8,283722E+21	8,283855E+21	1,044050E+22	1,403543E+22
2984	1,794535E+22	2,112242E+22	2,287539E+22	2,287534E+22	2,112252E+22	1,794554E+22	1,403554E+22	1,044050E+22	8,283808E+21	8,283698E+21	1,044022E+22	1,403519E+22
2985	1,794526E+22	2,112267E+22	2,287620E+22	2,287648E+22	2,112345E+22	1,794600E+22	1,403549E+22	1,044019E+22	8,283527E+21	8,283631E+21	1,044038E+22	1,403556E+22
2986	1,794579E+22	2,112307E+22	2,287615E+22	2,287588E+22	2,112243E+22	1,794514E+22	1,403512E+22	1,044008E+22	8,283404E+21	8,283384E+21	1,044006E+22	1,403524E+22
2987	1,794547E+22	2,112268E+22	2,287568E+22	2,287578E+22	2,112288E+22	1,794563E+22	1,403543E+22	1,044020E+22	8,283302E+21	8,283098E+21	1,043966E+22	1,403489E+22
2988	1,794553E+22	2,112350E+22	2,287710E+22	2,287714E+22	2,112374E+22	1,794569E+22	1,403487E+22	1,043953E+22	8,282850E+21	8,282978E+21	1,043988E+22	1,403530E+22
2989	1,794580E+22	2,112332E+22	2,287653E+22	2,287610E+22	2,112260E+22	1,794522E+22	1,403487E+22	1,043954E+22	8,282702E+21	8,282669E+21	1,043952E+22	1,403495E+22
2990	1,794536E+22	2,112284E+22	2,287647E+22	2,287692E+22	2,112370E+22	1,794600E+22	1,403531E+22	1,043962E+22	8,282533E+21	8,282431E+21	1,043930E+22	1,403494E+22
2991	1,794580E+22	2,112367E+22	2,287718E+22	2,287736E+22	2,112387E+22	1,794566E+22	1,403471E+22	1,043915E+22	8,282293E+21	8,282412E+21	1,043945E+22	1,403507E+22
2992	1,794575E+22	2,112338E+22	2,287643E+22	2,287594E+22	2,112278E+22	1,794550E+22	1,403502E+22	1,043949E+22	8,282448E+21	8,282310E+21	1,043915E+22	1,403469E+22
2993	1,794541E+22	2,112330E+22	2,287705E+22	2,287716E+22	2,112377E+22	1,794606E+22	1,403521E+22	1,043947E+22	8,282491E+21	8,282519E+21	1,043943E+22	1,403496E+22
2994	1,794571E+22	2,112355E+22	2,287708E+22	2,287695E+22	2,112311E+22	1,794519E+22	1,403473E+22	1,043945E+22	8,282684E+21	8,282755E+21	1,043964E+22	1,403503E+22
2995	1,794543E+22	2,112279E+22	2,287591E+22	2,287606E+22	2,112309E+22	1,794559E+22	1,403517E+22	1,043991E+22	8,283060E+21	8,282939E+21	1,043961E+22	1,403487E+22
2996	1,794535E+22	2,112310E+22	2,287669E+22	2,287692E+22	2,112380E+22	1,794598E+22	1,403514E+22	1,043975E+22	8,283121E+21	8,283300E+21	1,044020E+22	1,403556E+22
2997	1,794588E+22	2,112310E+22	2,287607E+22	2,287559E+22	2,112218E+22	1,794507E+22	1,403511E+22	1,044013E+22	8,283530E+21	8,283561E+21	1,044026E+22	1,403540E+22
2998	1,794546E+22	2,112249E+22	2,287556E+22	2,287570E+22	2,112269E+22	1,794560E+22	1,403570E+22	1,044071E+22	8,283975E+21	8,283809E+21	1,044022E+22	1,403520E+22
2999	1,794552E+22	2,112309E+22	2,287639E+22	2,287641E+22	2,112309E+22	1,794543E+22	1,403522E+22	1,044045E+22	8,284130E+21	8,284273E+21	1,044079E+22	1,403555E+22