

#Wave	#Intensity
1800.959961	116406.015625
1800.139648	117599.609375
1799.318359	118142.929688
1798.497070	117745.500000
1797.674805	118017.742188
1796.853516	118709.789063
1796.032227	118382.429688
1795.209961	119046.804688
1794.387695	118819.851563
1793.565430	118538.234375
1792.743164	118578.976563
1791.920898	119200.289063
1791.098633	119259.125000
1790.275391	118856.062500
1789.453125	120391.492188
1788.629883	119496.257813
1787.806641	120302.132813
1786.983398	120694.750000
1786.160156	119702.742188
1785.336914	120280.492188
1784.512695	121361.859375
1783.689453	120643.351563
1782.865234	120723.039063
1782.041016	121266.835938
1781.216797	121103.734375
1780.392578	121225.750000
1779.567383	122114.812500
1778.743164	121772.781250
1777.917969	122112.835938
1777.093750	121989.109375
1776.268555	121862.382813
1775.443359	122111.351563
1774.617188	122211.812500
1773.791992	121818.601563
1772.966797	122455.007813
1772.140625	123024.593750
1771.314453	123497.117188
1770.488281	123297.625000
1769.662109	124042.257813
1768.835938	123745.914063
1768.009766	124054.640625
1767.182617	123328.929688
1766.356445	123894.632813
1765.529297	123882.687500
1764.702148	125091.953125
1763.875000	123798.351563
1763.047852	124889.359375
1762.220703	124623.453125
1761.392578	125291.031250
1760.564453	125444.945313
1759.737305	125369.304688
1758.909180	126244.726563
1758.081055	125532.023438

1757.252930	125951.375000
1756.423828	125815.320313
1755.595703	125410.789063
1754.766602	126734.921875
1753.937500	126834.046875
1753.108398	126378.265625
1752.279297	127219.125000
1751.450195	126853.859375
1750.621094	127932.460938
1749.791016	127205.562500
1748.961914	128238.523438
1748.131836	128180.593750
1747.301758	128676.890625
1746.471680	128329.789063
1745.641602	128572.953125
1744.810547	128966.562500
1743.980469	130118.546875
1743.149414	128724.117188
1742.318359	130002.117188
1741.487305	129540.789063
1740.656250	130063.210938
1739.825195	130335.835938
1738.994141	130698.562500
1738.162109	130336.625000
1737.331055	130714.257813
1736.499023	131467.421875
1735.666992	131679.453125
1734.834961	130951.039063
1734.002930	131493.500000
1733.169922	131699.390625
1732.337891	131529.859375
1731.504883	131960.843750
1730.671875	132172.531250
1729.838867	132078.031250
1729.005859	132565.687500
1728.172852	132792.171875
1727.338867	132673.578125
1726.505859	132717.000000
1725.671875	133896.906250
1724.837891	133271.484375
1724.003906	134010.218750
1723.169922	133384.984375
1722.335938	134003.578125
1721.501953	134397.234375
1720.666992	134799.750000
1719.832031	135438.734375
1718.997070	135164.140625
1718.162109	135204.000000
1717.327148	135133.078125
1716.492188	136079.843750
1715.657227	136062.671875
1714.821289	136072.406250
1713.985352	135914.609375
1713.149414	135559.453125

1712.313477	137674.640625
1711.477539	137441.890625
1710.641602	137424.453125
1709.804688	136913.828125
1708.968750	137485.218750
1708.131836	136977.734375
1707.294922	137244.187500
1706.458008	138236.390625
1705.621094	138613.031250
1704.784180	138520.718750
1703.946289	138547.875000
1703.108398	138795.890625
1702.271484	139163.203125
1701.433594	138939.546875
1700.595703	139897.421875
1699.757813	139503.687500
1698.918945	140136.046875
1698.081055	140833.781250
1697.242188	140335.718750
1696.403320	140523.437500
1695.564453	140562.062500
1694.725586	141178.765625
1693.886719	141273.859375
1693.047852	141678.718750
1692.208008	141356.718750
1691.368164	142779.843750
1690.529297	143053.218750
1689.689453	142731.125000
1688.848633	144105.656250
1688.008789	143221.046875
1687.168945	144226.078125
1686.328125	143398.265625
1685.488281	143692.031250
1684.647461	144339.593750
1683.806641	144487.406250
1682.965820	144641.109375
1682.124023	145368.406250
1681.283203	145994.406250
1680.441406	146314.140625
1679.599609	147340.812500
1678.758789	146816.656250
1677.916992	147926.015625
1677.074219	148791.531250
1676.232422	148409.875000
1675.390625	149254.218750
1674.547852	150110.125000
1673.705078	150642.328125
1672.862305	151868.531250
1672.019531	151421.390625
1671.176758	152139.906250
1670.333984	152878.921875
1669.490234	153407.203125
1668.647461	154391.765625
1667.803711	154848.453125

1666.959961	154460.484375
1666.116211	154647.390625
1665.271484	154315.859375
1664.427734	155693.296875
1663.583984	154434.843750
1662.739258	154793.328125
1661.894531	154586.296875
1661.049805	155151.781250
1660.205078	154317.421875
1659.360352	154160.843750
1658.514648	154347.468750
1657.669922	154575.421875
1656.824219	154679.093750
1655.978516	154466.359375
1655.132813	154599.562500
1654.287109	155004.625000
1653.441406	155063.812500
1652.594727	154845.234375
1651.749023	154597.187500
1650.902344	155888.000000
1650.055664	155347.500000
1649.208984	155577.781250
1648.362305	155813.890625
1647.514648	155801.968750
1646.667969	156161.890625
1645.820313	155958.125000
1644.972656	156161.515625
1644.125000	156158.375000
1643.277344	156420.640625
1642.429688	156809.593750
1641.582031	157304.531250
1640.733398	157147.906250
1639.884766	157150.453125
1639.037109	158125.343750
1638.188477	158139.500000
1637.338867	157971.031250
1636.490234	158070.593750
1635.641602	158759.015625
1634.791992	159032.093750
1633.942383	159278.593750
1633.093750	159613.281250
1632.244141	159806.609375
1631.393555	160429.390625
1630.543945	160243.046875
1629.694336	160830.234375
1628.843750	162393.437500
1627.993164	161204.328125
1627.142578	161735.187500
1626.291992	162409.843750
1625.441406	163507.406250
1624.590820	163626.265625
1623.739258	163207.531250
1622.887695	164324.937500
1622.037109	164566.906250

1621.185547	165260.906250
1620.333984	165549.578125
1619.481445	166451.531250
1618.629883	165140.656250
1617.777344	166555.781250
1616.925781	166638.687500
1616.073242	167736.312500
1615.220703	168065.265625
1614.367188	167813.609375
1613.514648	168004.656250
1612.662109	168435.968750
1611.808594	169757.953125
1610.955078	170015.937500
1610.101563	169122.593750
1609.248047	170941.656250
1608.394531	170262.218750
1607.541016	170244.687500
1606.686523	170042.750000
1605.833008	170850.625000
1604.978516	171029.046875
1604.124023	171552.656250
1603.269531	172049.750000
1602.414063	171648.750000
1601.559570	172002.343750
1600.704102	171215.531250
1599.849609	171539.843750
1598.994141	171335.000000
1598.138672	170861.359375
1597.283203	171901.390625
1596.426758	170379.062500
1595.571289	171284.437500
1594.714844	171809.859375
1593.858398	172355.515625
1593.002930	171178.609375
1592.145508	171420.640625
1591.289063	172759.843750
1590.432617	172715.546875
1589.575195	172000.296875
1588.718750	172472.406250
1587.861328	171672.843750
1587.003906	173316.984375
1586.146484	172771.171875
1585.288086	173210.734375
1584.430664	173635.578125
1583.572266	172443.109375
1582.714844	172430.921875
1581.856445	173027.500000
1580.998047	173533.593750
1580.139648	172898.093750
1579.280273	174070.687500
1578.421875	174160.078125
1577.562500	174066.078125
1576.703125	174632.625000
1575.843750	175062.234375

1574.984375	175215.343750
1574.125000	174937.984375
1573.265625	174457.171875
1572.405273	174069.546875
1571.544922	173478.562500
1570.684570	173631.781250
1569.824219	173491.468750
1568.963867	174144.328125
1568.103516	174111.437500
1567.242188	172896.500000
1566.381836	173258.734375
1565.520508	174062.125000
1564.659180	172847.812500
1563.797852	173456.531250
1562.936523	172773.750000
1562.075195	173190.781250
1561.212891	173358.187500
1560.350586	174047.578125
1559.488281	173924.796875
1558.626953	174608.031250
1557.763672	174035.875000
1556.901367	175353.562500
1556.039063	174529.359375
1555.175781	174725.250000
1554.312500	175187.578125
1553.449219	174919.875000
1552.585938	174788.375000
1551.722656	174648.203125
1550.859375	174884.406250
1549.995117	175114.734375
1549.131836	175165.562500
1548.267578	175207.671875
1547.403320	175241.093750
1546.539063	175881.875000
1545.673828	175819.718750
1544.809570	175774.921875
1543.944336	177513.750000
1543.080078	176575.578125
1542.214844	176128.984375
1541.349609	176459.750000
1540.484375	176856.828125
1539.618164	177196.000000
1538.752930	177719.875000
1537.886719	178327.281250
1537.020508	178461.046875
1536.154297	178239.734375
1535.288086	178621.640625
1534.421875	178798.531250
1533.555664	180022.546875
1532.688477	179281.921875
1531.821289	180309.312500
1530.954102	179456.421875
1530.086914	179261.109375
1529.219727	179345.437500

1528.352539	180075.250000
1527.484375	180015.328125
1526.617188	179756.640625
1525.749023	178498.578125
1524.880859	179461.265625
1524.012695	180567.578125
1523.144531	179548.953125
1522.275391	181331.250000
1521.407227	180309.937500
1520.538086	180612.546875
1519.668945	180313.781250
1518.799805	180734.187500
1517.930664	181350.015625
1517.061523	180895.984375
1516.191406	180870.453125
1515.322266	181072.000000
1514.452148	181195.875000
1513.582031	181779.437500
1512.711914	182428.859375
1511.840820	181897.515625
1510.970703	182308.312500
1510.099609	182888.375000
1509.229492	182894.062500
1508.358398	183528.343750
1507.487305	183754.875000
1506.616211	183140.593750
1505.744141	183731.453125
1504.873047	183863.156250
1504.000977	184175.484375
1503.128906	185075.500000
1502.256836	185226.953125
1501.384766	185318.140625
1500.512695	186054.125000
1499.640625	185855.718750
1498.767578	186259.000000
1497.894531	187449.859375
1497.021484	186730.062500
1496.148438	188040.656250
1495.275391	187844.906250
1494.402344	189592.812500
1493.528320	189740.265625
1492.655273	190545.796875
1491.781250	190987.703125
1490.907227	192299.031250
1490.033203	192191.359375
1489.159180	195177.640625
1488.284180	196301.687500
1487.410156	197328.171875
1486.535156	198791.546875
1485.660156	200057.234375
1484.785156	201736.750000
1483.910156	205198.109375
1483.034180	205522.390625
1482.159180	206848.843750

1481.283203	207503.890625
1480.407227	208466.984375
1479.531250	208701.968750
1478.655273	209553.218750
1477.779297	210395.609375
1476.902344	209637.421875
1476.026367	210721.921875
1475.149414	211737.578125
1474.272461	213206.203125
1473.395508	213109.343750
1472.518555	213357.390625
1471.640625	214351.906250
1470.763672	216314.750000
1469.885742	215798.656250
1469.007813	215704.250000
1468.129883	218320.750000
1467.251953	217696.359375
1466.374023	218538.171875
1465.495117	220037.125000
1464.617188	219600.546875
1463.738281	220290.765625
1462.859375	220707.671875
1461.980469	221818.359375
1461.101563	220577.000000
1460.221680	222304.281250
1459.342773	222140.593750
1458.462891	221567.687500
1457.583008	222705.656250
1456.703125	222473.765625
1455.823242	221906.765625
1454.942383	222359.562500
1454.062500	222312.406250
1453.181641	223594.000000
1452.300781	223708.437500
1451.419922	223451.031250
1450.539063	224646.593750
1449.658203	223980.531250
1448.776367	224812.468750
1447.895508	224614.578125
1447.013672	226132.343750
1446.131836	226867.046875
1445.250000	225818.437500
1444.368164	228573.750000
1443.485352	227751.890625
1442.603516	228372.437500
1441.720703	229836.937500
1440.837891	230261.453125
1439.955078	230725.468750
1439.072266	232064.171875
1438.189453	232924.000000
1437.305664	234646.765625
1436.422852	234903.078125
1435.539063	235923.203125
1434.655273	235998.140625

1433.771484	236353.046875
1432.886719	237462.843750
1432.002930	238597.703125
1431.118164	238951.937500
1430.234375	240416.812500
1429.349609	240739.500000
1428.464844	241519.781250
1427.579102	243441.031250
1426.694336	243248.968750
1425.809570	243613.250000
1424.923828	243813.656250
1424.038086	245208.062500
1423.152344	245842.750000
1422.266602	245799.937500
1421.379883	246640.234375
1420.494141	247277.125000
1419.607422	247250.984375
1418.721680	248575.593750
1417.834961	249073.640625
1416.947266	249839.296875
1416.060547	250190.359375
1415.173828	251536.031250
1414.286133	253873.015625
1413.398438	252141.375000
1412.510742	254015.484375
1411.623047	253430.531250
1410.735352	254532.296875
1409.847656	254195.156250
1408.958984	253638.578125
1408.070313	253155.375000
1407.182617	253789.312500
1406.293945	252358.187500
1405.404297	251090.703125
1404.515625	249463.687500
1403.626953	249496.093750
1402.737305	248839.750000
1401.847656	248571.484375
1400.958008	248446.625000
1400.068359	247411.468750
1399.178711	248601.546875
1398.288086	248243.593750
1397.398438	249009.046875
1396.507813	250243.093750
1395.617188	252919.625000
1394.726563	254388.328125
1393.835938	256210.078125
1392.944336	257256.796875
1392.053711	259411.218750
1391.162109	260027.859375
1390.270508	262520.343750
1389.378906	262452.062500
1388.487305	265302.062500
1387.594727	268083.781250
1386.703125	269059.812500

1385.810547	270514.593750
1384.917969	273546.031250
1384.025391	274817.468750
1383.132813	275791.593750
1382.240234	276233.406250
1381.346680	277260.125000
1380.454102	276814.218750
1379.560547	276751.875000
1378.666992	275735.437500
1377.773438	275270.437500
1376.878906	272819.750000
1375.985352	272047.781250
1375.090820	272707.625000
1374.197266	271921.937500
1373.302734	270831.875000
1372.408203	271164.562500
1371.512695	270203.531250
1370.618164	268418.718750
1369.722656	268829.843750
1368.828125	269380.437500
1367.932617	268406.343750
1367.037109	268314.750000
1366.141602	266690.875000
1365.245117	267601.375000
1364.349609	267761.031250
1363.453125	267376.656250
1362.556641	266286.750000
1361.660156	266318.250000
1360.763672	266399.906250
1359.867188	265427.781250
1358.969727	266769.343750
1358.072266	265839.281250
1357.175781	265700.812500
1356.278320	266529.000000
1355.380859	267412.625000
1354.482422	268304.250000
1353.584961	268961.718750
1352.686523	269591.062500
1351.788086	271311.250000
1350.889648	273929.656250
1349.991211	275731.906250
1349.092773	277975.843750
1348.194336	280638.968750
1347.294922	284010.250000
1346.395508	287146.781250
1345.496094	290512.937500
1344.596680	291846.187500
1343.697266	297758.562500
1342.797852	297759.156250
1341.897461	300573.812500
1340.997070	303545.750000
1340.097656	305186.500000
1339.197266	306371.312500
1338.295898	305992.843750

1337.395508	305725.468750
1336.494141	303449.125000
1335.593750	301567.500000
1334.692383	301661.656250
1333.791016	299001.656250
1332.889648	297035.812500
1331.987305	295519.812500
1331.085938	293455.437500
1330.183594	291752.093750
1329.281250	290287.656250
1328.379883	289826.687500
1327.476563	288002.968750
1326.574219	285196.656250
1325.671875	284936.156250
1324.768555	283200.031250
1323.865234	282272.812500
1322.961914	281351.468750
1322.058594	282206.968750
1321.155273	281770.093750
1320.250977	281319.531250
1319.347656	282412.406250
1318.443359	280720.281250
1317.539063	280098.687500
1316.634766	281166.281250
1315.730469	280414.906250
1314.825195	280503.843750
1313.920898	280589.968750
1313.015625	279305.906250
1312.110352	279988.750000
1311.205078	279663.437500
1310.299805	278479.562500
1309.393555	278858.531250
1308.488281	278467.312500
1307.582031	277339.437500
1306.675781	276647.875000
1305.769531	276469.593750
1304.863281	275687.406250
1303.957031	276314.531250
1303.049805	275554.656250
1302.142578	274954.937500
1301.236328	274972.750000
1300.329102	276652.156250
1299.420898	276512.625000
1298.513672	278383.968750
1297.605469	279293.468750
1296.698242	280304.500000
1295.790039	280431.406250
1294.881836	280949.156250
1293.973633	281868.500000
1293.064453	278571.937500
1292.156250	277015.250000
1291.247070	275822.218750
1290.338867	274635.093750
1289.429688	273173.406250

1288.519531	272820.156250
1287.610352	272653.968750
1286.701172	270110.500000
1285.791016	271618.250000
1284.880859	270111.593750
1283.970703	270303.031250
1283.060547	269728.156250
1282.150391	269474.750000
1281.239258	269926.968750
1280.329102	268185.812500
1279.417969	268012.375000
1278.506836	268612.750000
1277.595703	268219.781250
1276.683594	268309.687500
1275.772461	268034.812500
1274.860352	266641.250000
1273.949219	266843.781250
1273.037109	265494.781250
1272.125000	264453.156250
1271.211914	263168.062500
1270.299805	262795.656250
1269.386719	262513.812500
1268.474609	262127.953125
1267.561523	261999.609375
1266.648438	261050.000000
1265.734375	262375.343750
1264.821289	260265.593750
1263.907227	261264.968750
1262.993164	259418.781250
1262.080078	261421.781250
1261.165039	260011.015625
1260.250977	260181.187500
1259.336914	260181.781250
1258.421875	259488.109375
1257.507813	259185.453125
1256.592773	259341.937500
1255.677734	258932.859375
1254.761719	259340.593750
1253.846680	258429.140625
1252.930664	258331.671875
1252.015625	257876.593750
1251.099609	257528.125000
1250.183594	257070.593750
1249.266602	256967.937500
1248.350586	256368.796875
1247.433594	256348.093750
1246.517578	255997.421875
1245.600586	254725.265625
1244.683594	255034.687500
1243.765625	255115.046875
1242.848633	254426.875000
1241.931641	254869.671875
1241.013672	254636.687500
1240.095703	254806.906250

1239.177734	255924.734375
1238.259766	255590.921875
1237.340820	255613.828125
1236.422852	255432.593750
1235.503906	255224.187500
1234.584961	253867.656250
1233.666016	253055.671875
1232.747070	252551.296875
1231.827148	252030.781250
1230.908203	251241.265625
1229.988281	251071.812500
1229.068359	250720.312500
1228.148438	250602.625000
1227.228516	249313.953125
1226.308594	249886.531250
1225.387695	248337.671875
1224.466797	247115.218750
1223.545898	248179.281250
1222.625000	248338.984375
1221.704102	248254.359375
1220.783203	247390.937500
1219.861328	247159.984375
1218.940430	246174.968750
1218.018555	245892.750000
1217.096680	245976.703125
1216.173828	246898.390625
1215.251953	246548.390625
1214.329102	246550.843750
1213.407227	247108.796875
1212.484375	247268.265625
1211.561523	247359.953125
1210.638672	248442.859375
1209.714844	247702.953125
1208.791992	248690.625000
1207.868164	249247.546875
1206.944336	250039.703125
1206.020508	250165.921875
1205.096680	250237.968750
1204.171875	250548.015625
1203.248047	250987.750000
1202.323242	250470.093750
1201.398438	250406.812500
1200.473633	250211.093750
1199.548828	250510.000000
1198.623047	250003.562500
1197.698242	250210.531250
1196.772461	249755.625000
1195.846680	251121.125000
1194.920898	249507.812500
1193.995117	250570.484375
1193.068359	250245.359375
1192.142578	249693.640625
1191.215820	249768.109375
1190.289063	250856.921875

1189.362305	251009.359375
1188.435547	251776.625000
1187.507813	252166.109375
1186.581055	251911.109375
1185.653320	253526.828125
1184.725586	254584.109375
1183.797852	256640.656250
1182.870117	255062.250000
1181.941406	255903.187500
1181.013672	256663.015625
1180.084961	257430.640625
1179.156250	257891.078125
1178.227539	258356.734375
1177.298828	257759.218750
1176.369141	257363.687500
1175.440430	258566.265625
1174.510742	258044.296875
1173.581055	258530.968750
1172.651367	260162.859375
1171.721680	259251.062500
1170.791016	261406.343750
1169.861328	261722.718750
1168.930664	262936.375000
1168.000000	262690.906250
1167.069336	262808.093750
1166.137695	264037.000000
1165.207031	265332.562500
1164.275391	266434.406250
1163.343750	268260.500000
1162.412109	268679.781250
1161.480469	270687.250000
1160.548828	273270.718750
1159.616211	275174.718750
1158.684570	277745.750000
1157.751953	280817.218750
1156.819336	283976.031250
1155.886719	286715.625000
1154.953125	288682.468750
1154.020508	290790.593750
1153.086914	291636.281250
1152.153320	291745.125000
1151.219727	292697.437500
1150.286133	293852.843750
1149.352539	293080.531250
1148.417969	293245.218750
1147.484375	293674.718750
1146.549805	292728.906250
1145.615234	294059.781250
1144.680664	294023.531250
1143.745117	295281.500000
1142.810547	297333.000000
1141.875000	298317.250000
1140.939453	300180.375000
1140.003906	300901.875000

1139.068359	304129.031250
1138.131836	306620.500000
1137.196289	309685.250000
1136.259766	314011.875000
1135.323242	317872.437500
1134.386719	322497.656250
1133.450195	328500.968750
1132.512695	335975.000000
1131.576172	342344.562500
1130.638672	349199.968750
1129.701172	357095.656250
1128.763672	364508.562500
1127.826172	371737.531250
1126.887695	378612.062500
1125.950195	386086.437500
1125.011719	388626.187500
1124.073242	393408.093750
1123.134766	395783.093750
1122.195313	395014.875000
1121.256836	396342.343750
1120.317383	396412.812500
1119.377930	395626.187500
1118.438477	394972.906250
1117.499023	392470.656250
1116.559570	391347.250000
1115.619141	389450.250000
1114.679688	387569.875000
1113.739258	385177.031250
1112.798828	382404.843750
1111.858398	383561.937500
1110.916992	385720.406250
1109.976563	386515.093750
1109.035156	390760.187500
1108.093750	396289.187500
1107.152344	404779.718750
1106.210938	413522.062500
1105.269531	424722.000000
1104.327148	435283.625000
1103.384766	448383.562500
1102.442383	463349.250000
1101.500000	482224.843750
1100.557617	501727.531250
1099.615234	525129.125000
1098.671875	547411.562500
1097.728516	563925.937500
1096.785156	573246.875000
1095.841797	571973.375000
1094.898438	561483.312500
1093.954102	547201.250000
1093.010742	531067.687500
1092.066406	514378.562500
1091.122070	498103.062500
1090.177734	482741.250000
1089.232422	468260.875000

1088.288086	454918.156250
1087.342773	441924.093750
1086.397461	429566.812500
1085.452148	419808.281250
1084.506836	409651.281250
1083.561523	398086.218750
1082.615234	390791.312500
1081.669922	381432.437500
1080.723633	373511.593750
1079.777344	367498.281250
1078.830078	361001.093750
1077.883789	356613.562500
1076.937500	350912.718750
1075.990234	347951.437500
1075.042969	343581.750000
1074.095703	340504.031250
1073.147461	336952.468750
1072.200195	334758.093750
1071.251953	332427.343750
1070.304688	329021.500000
1069.356445	327465.093750
1068.408203	324838.968750
1067.458984	324330.156250
1066.510742	321984.843750
1065.561523	321958.843750
1064.612305	321856.468750
1063.663086	322823.375000
1062.713867	322468.062500
1061.764648	322402.437500
1060.814453	322149.937500
1059.864258	324960.968750
1058.915039	324742.281250
1057.964844	324944.625000
1057.013672	324881.187500
1056.063477	324178.656250
1055.112305	323197.687500
1054.162109	321228.500000
1053.210938	320700.468750
1052.259766	317725.875000
1051.307617	315335.656250
1050.356445	313427.031250
1049.404297	311986.656250
1048.452148	309882.312500
1047.500000	309067.968750
1046.547852	306873.000000
1045.595703	305524.000000
1044.642578	304322.437500
1043.690430	303013.718750
1042.737305	301605.750000
1041.784180	301210.687500
1040.831055	299323.625000
1039.876953	298963.187500
1038.923828	300212.468750
1037.969727	297477.343750

1037.015625	296378.406250
1036.061523	297847.531250
1035.107422	294488.187500
1034.152344	294893.718750
1033.198242	292080.750000
1032.243164	291669.656250
1031.288086	289431.531250
1030.333008	287097.375000
1029.377930	286729.218750
1028.421875	285550.156250
1027.466797	283244.062500
1026.510742	283698.000000
1025.554688	283035.187500
1024.598633	281949.062500
1023.641602	282337.625000
1022.685547	281521.187500
1021.728516	281760.687500
1020.771484	282966.750000
1019.814453	283869.375000
1018.857422	283883.687500
1017.899414	283882.312500
1016.942383	284653.718750
1015.984375	286247.031250
1015.026367	287662.281250
1014.068359	286131.156250
1013.110352	286632.843750
1012.151367	286782.187500
1011.193359	287945.937500
1010.234375	287985.468750
1009.275391	288314.312500
1008.316406	289524.062500
1007.356445	291520.343750
1006.397461	293518.500000
1005.437500	295859.812500
1004.477539	298757.625000
1003.517578	301503.375000
1002.557617	303102.500000
1001.596680	304706.218750
1000.636719	306718.000000
999.675781	306178.843750
998.714844	306982.375000
997.753906	305977.687500
996.792969	304970.750000
995.831055	305006.906250
994.870117	303152.906250
993.908203	302318.531250
992.946289	300104.375000
991.984375	298675.781250
991.021484	296003.218750
990.059570	293347.156250
989.096680	290232.375000
988.133789	288287.187500
987.170898	286085.687500
986.208008	284687.031250

985.244141	281466.968750
984.281250	282316.687500
983.317383	281191.843750
982.353516	280420.125000
981.389648	279155.937500
980.425781	278685.593750
979.460938	279078.718750
978.497070	279282.468750
977.532227	279229.593750
976.567383	279176.718750
975.601563	280126.375000
974.636719	279863.531250
973.671875	280139.406250
972.706055	279832.593750
971.740234	278184.937500
970.774414	278766.343750
969.808594	278025.187500
968.841797	278078.562500
967.875000	277878.406250
966.909180	276775.656250
965.942383	276495.625000
964.975586	276282.906250
964.007813	275253.375000
963.041016	273190.406250
962.073242	273275.531250
961.105469	272099.812500
960.137695	272495.031250
959.169922	271079.656250
958.201172	270617.625000
957.233398	269388.968750
956.264648	269575.250000
955.295898	268215.593750
954.327148	269333.500000
953.358398	267762.781250
952.388672	267768.656250
951.419922	267740.968750
950.450195	266973.250000
949.480469	268020.718750
948.509766	266559.843750
947.540039	267081.250000
946.570313	266095.156250
945.599609	267409.906250
944.628906	267554.781250
943.658203	267133.062500
942.686523	268176.531250
941.715820	267358.375000
940.744141	267724.500000
939.773438	266842.375000
938.801758	267856.750000
937.829102	269279.812500
936.857422	268395.281250
935.885742	269056.500000
934.913086	269357.562500
933.940430	269126.375000

932.967773	269476.093750
931.995117	269941.312500
931.021484	270521.968750
930.048828	271672.656250
929.075195	270719.531250
928.101563	270891.437500
927.127930	272975.875000
926.153320	273883.968750
925.179688	273200.531250
924.205078	274100.531250
923.230469	273473.718750
922.255859	274152.718750
921.281250	275049.437500
920.305664	275753.531250
919.331055	275795.937500
918.355469	278101.562500
917.379883	277674.531250
916.404297	278505.687500
915.428711	279349.343750
914.452148	281073.750000
913.475586	282047.218750
912.500000	282848.750000
911.523438	283619.281250
910.545898	285779.281250
909.569336	286334.031250
908.591797	288098.718750
907.615234	289046.750000
906.637695	291030.218750
905.659180	292903.031250
904.681641	294504.125000
903.704102	295624.062500
902.725586	297620.218750
901.747070	299429.062500
900.768555	300986.906250
899.790039	302556.937500
898.810547	303235.062500
897.832031	304216.812500
896.852539	303824.718750
895.873047	302860.968750
894.893555	300989.062500
893.914063	301056.968750
892.933594	298969.187500
891.954102	297838.656250
890.973633	296152.562500
889.993164	294742.437500
889.011719	292611.375000
888.031250	291235.500000
887.049805	290588.937500
886.069336	288946.375000
885.087891	286805.125000
884.106445	286345.593750
883.124023	285848.031250
882.142578	285368.437500
881.160156	284339.187500

880.177734	283121.968750
879.195313	282592.218750
878.212891	282362.843750
877.229492	281217.812500
876.247070	281321.937500
875.263672	281301.375000
874.280273	281748.625000
873.296875	280601.937500
872.313477	281633.625000
871.329102	281056.531250
870.345703	281950.562500
869.361328	281797.781250
868.376953	281865.968750
867.391602	281741.125000
866.407227	281507.187500
865.421875	282430.718750
864.437500	283574.687500
863.452148	282627.531250
862.465820	283631.468750
861.480469	283483.562500
860.495117	282744.843750
859.508789	282845.593750
858.522461	283174.437500
857.536133	283384.031250
856.549805	282552.062500
855.562500	282044.656250
854.576172	282834.375000
853.588867	282539.843750
852.601563	281521.187500
851.614258	281718.125000
850.625977	282919.843750
849.638672	281251.250000
848.650391	281432.875000
847.662109	282095.125000
846.673828	282835.531250
845.685547	283031.906250
844.696289	283195.343750
843.708008	284046.343750
842.718750	284174.125000
841.729492	285274.781250
840.739258	284232.437500
839.750000	282162.281250
838.760742	282805.531250
837.770508	282809.593750
836.780273	282235.500000
835.790039	282489.562500
834.798828	282665.312500
833.808594	282409.437500
832.817383	283364.687500
831.826172	281950.937500
830.834961	282794.937500
829.843750	282849.343750
828.852539	282697.000000
827.860352	282244.718750

826.868164	281598.531250
825.875977	282265.375000
824.883789	281682.375000
823.891602	282071.875000
822.898438	282718.062500
821.906250	283263.281250
820.913086	281673.500000
819.919922	282822.781250
818.925781	282043.968750
817.932617	282830.406250
816.938477	283048.031250
815.944336	284264.093750
814.950195	284466.250000
813.956055	285005.250000
812.961914	288135.718750
811.966797	289045.812500
810.971680	289985.687500
809.977539	289970.468750
808.981445	290701.312500
807.986328	288169.437500
806.991211	286984.406250
805.995117	285551.218750
804.999023	285062.375000
804.002930	285314.031250
803.006836	284283.375000
802.009766	284013.250000
801.013672	284573.437500
800.016602	285003.031250
799.019531	285287.000000
798.022461	284475.312500
797.024414	285255.531250
796.027344	285303.687500
795.029297	285086.250000
794.031250	284903.937500
793.033203	284791.781250
792.035156	284494.375000
791.036133	286620.656250
790.038086	286470.687500
789.039063	287336.906250
788.040039	286378.562500
787.041016	286273.687500
786.041016	287219.468750
785.041992	286864.375000
784.041992	287327.062500
783.041992	287227.062500
782.041992	288236.906250
781.041016	287399.500000
780.041016	288461.375000
779.040039	287879.031250
778.039063	288281.000000
777.038086	288622.875000
776.037109	288827.281250
775.035156	289046.593750
774.034180	289086.093750

773.032227	289634.625000
772.030273	289788.750000
771.027344	289461.343750
770.025391	289323.593750
769.022461	289400.343750
768.020508	289192.843750
767.017578	289631.000000
766.014648	290166.187500
765.010742	289559.906250
764.007813	289564.218750
763.003906	290574.875000
762.000000	289500.593750
760.996094	290075.093750
759.992188	289959.750000
758.987305	290357.187500
757.982422	289928.250000
756.978516	290370.312500
755.973633	289956.437500
754.967773	289871.000000
753.962891	289914.906250
752.957031	290973.218750
751.951172	290591.781250
750.945313	291930.437500
749.939453	290786.031250
748.933594	291346.437500
747.926758	292458.125000
746.920898	291937.593750
745.914063	291643.250000
744.907227	291545.125000
743.899414	290516.156250
742.892578	291996.687500
741.884766	291766.968750
740.876953	291787.937500
739.869141	291801.406250
738.861328	291162.625000
737.852539	291887.812500
736.844727	292739.187500
735.835938	293000.281250
734.827148	292475.687500
733.818359	293675.781250
732.808594	293656.625000
731.799805	294150.125000
730.790039	295321.968750
729.780273	296067.500000
728.770508	296357.281250
727.760742	296629.593750
726.750000	296740.968750
725.739258	297760.281250
724.728516	298952.343750
723.717773	297608.937500
722.707031	298862.406250
721.696289	297339.000000
720.684570	298453.593750
719.672852	298154.156250

718.661133	299327.437500
717.649414	299870.343750
716.636719	299111.312500
715.625000	299510.781250
714.612305	299369.375000
713.599609	300222.843750
712.586914	300357.750000
711.573242	300981.187500
710.560547	301456.375000
709.546875	301134.562500
708.533203	301412.218750
707.519531	301743.968750
706.504883	300650.562500
705.491211	301186.906250
704.476563	301715.656250
703.461914	301736.593750
702.447266	302720.781250
701.432617	301839.968750
700.416992	302621.812500
699.402344	303002.000000
698.386719	302458.843750
697.371094	301903.531250
696.355469	302490.343750
695.338867	302845.593750
694.323242	303222.875000
693.306641	302394.781250
692.290039	302513.750000
691.273438	303562.031250
690.255859	303624.187500
689.239258	303934.531250
688.221680	303689.375000
687.204102	304208.406250
686.186523	303641.500000
685.167969	304435.375000
684.150391	304980.937500
683.131836	305406.000000
682.113281	305843.156250
681.094727	306559.906250
680.076172	306304.687500
679.056641	306422.468750
678.037109	306591.718750
677.017578	306993.843750
675.998047	306826.968750
674.978516	308059.906250
673.958984	308990.906250
672.938477	307174.500000
671.917969	309117.187500
670.897461	308996.531250
669.876953	309172.281250
668.855469	308821.468750
667.834961	310706.031250
666.813477	311175.062500
665.791992	310241.531250
664.770508	311911.906250

663.748047	311949.812500
662.726563	312489.125000
661.704102	313571.156250
660.681641	313787.187500
659.659180	313252.625000
658.636719	313666.593750
657.613281	314244.125000
656.589844	314689.500000
655.566406	315076.062500
654.542969	316893.718750
653.519531	316212.562500
652.495117	318231.968750
651.471680	316938.062500
650.447266	318614.875000
649.422852	318768.375000
648.397461	318475.312500
647.373047	320209.406250
646.347656	320818.531250
645.322266	321120.187500
644.296875	322206.750000
643.271484	323907.125000
642.245117	324212.875000
641.219727	325303.062500
640.193359	325735.093750
639.166992	327265.437500
638.140625	328093.843750
637.113281	329116.718750
636.086914	328887.968750
635.059570	329749.656250
634.032227	328072.937500
633.004883	328367.531250
631.976563	328662.000000
630.949219	328576.968750
629.920898	328270.625000
628.892578	328445.781250
627.864258	328185.750000
626.834961	328273.343750
625.806641	328258.843750
624.777344	329485.718750
623.748047	329497.656250
622.718750	329512.031250
621.688477	330832.656250
620.659180	330871.000000
619.628906	329921.468750
618.598633	330996.156250
617.568359	331070.781250
616.538086	332338.875000
615.506836	333771.406250
614.476563	333093.750000
613.445313	334334.031250
612.414063	335392.062500
611.381836	334910.718750
610.350586	337080.406250
609.318359	336465.656250

608.286133	337411.031250
607.253906	335350.593750
606.221680	335399.906250
605.188477	334856.062500
604.156250	333801.687500
603.123047	333935.906250
602.089844	334561.187500
601.055664	333671.906250
600.022461	335414.406250
598.988281	336191.406250
597.954102	336153.281250
596.919922	336850.031250
595.885742	336703.062500
594.851563	338066.343750
593.816406	336848.875000
592.781250	337544.906250
591.746094	337482.343750
590.710938	336219.750000
589.675781	337391.062500
588.639648	338641.593750
587.603516	338250.593750
586.567383	337567.812500
585.531250	338805.468750
584.495117	338704.062500
583.458008	339801.156250
582.420898	340307.156250
581.383789	340063.250000
580.346680	341839.093750
579.309570	342139.531250
578.271484	341497.843750
577.233398	341070.781250
576.195313	341631.250000
575.157227	343051.125000
574.119141	342513.187500
573.080078	342639.781250
572.041016	343637.500000
571.001953	344367.718750
569.962891	345807.312500
568.923828	346897.625000
567.883789	347407.968750
566.844727	346735.187500
565.804688	346072.250000
564.764648	346527.125000
563.723633	345789.937500
562.683594	345821.812500
561.642578	344148.187500
560.601563	344089.062500
559.560547	344783.937500
558.518555	342717.656250
557.477539	343455.687500
556.435547	343226.281250
555.393555	343383.250000
554.351563	342969.187500
553.309570	343500.281250

552.266602	343220.625000
551.224609	342547.812500
550.181641	342702.281250
549.138672	345234.250000
548.094727	344793.843750
547.051758	344384.718750
546.007813	345254.906250
544.963867	345787.031250
543.919922	345952.593750
542.875977	345639.281250
541.831055	346209.281250
540.786133	346563.687500
539.741211	347176.375000
538.696289	347470.625000
537.651367	347439.437500
536.606445	348403.093750
535.560547	348290.437500
534.514648	349196.156250
533.468750	348672.281250
532.422852	349945.562500
531.375977	348841.156250
530.329102	349433.093750
529.282227	349346.562500
528.235352	350227.093750
527.188477	350653.687500
526.140625	351337.875000
525.093750	351611.343750
524.045898	354602.375000
522.998047	355266.312500
521.949219	357284.781250
520.901367	359753.187500
519.852539	360623.156250
518.803711	361325.968750
517.754883	361044.125000
516.706055	362213.593750
515.656250	363406.437500
514.607422	363231.500000
513.557617	364769.000000
512.507813	365203.437500
511.457031	365980.531250
510.407227	366990.562500
509.356445	367348.125000
508.305664	369378.250000
507.254883	367451.406250
506.204102	367925.187500
505.152344	367048.031250
504.101563	366116.500000
503.049805	365834.281250
501.998047	367025.687500
500.945313	366130.281250
499.893555	366582.281250
498.840820	367359.500000
497.788086	366842.093750
496.735352	367170.187500

495.682617	369015.156250
494.628906	369890.968750
493.575195	369117.093750
492.522461	369347.156250
491.467773	370288.812500
490.414063	368855.875000
489.360352	369579.062500
488.305664	369519.531250
487.250977	369384.156250
486.196289	368205.968750
485.140625	367397.875000
484.085938	368682.062500
483.030273	367983.093750
481.974609	367952.250000
480.918945	366467.500000
479.863281	367435.968750
478.806641	366401.593750
477.750000	365748.593750
476.694336	366773.375000
475.636719	368095.812500
474.580078	367665.125000
473.522461	367385.937500
472.465820	369230.000000
471.408203	370413.843750
470.350586	372963.281250
469.291992	376511.281250
468.234375	379077.500000
467.175781	384319.031250
466.117188	388767.375000
465.058594	396999.125000
463.999023	404009.625000
462.940430	412502.093750
461.880859	422950.125000
460.821289	431877.093750
459.761719	436061.406250
458.701172	438602.531250
457.641602	436299.093750
456.581055	431853.312500
455.520508	428029.156250
454.459961	423261.312500
453.398438	419548.562500
452.337891	415537.937500
451.276367	413375.531250
450.214844	410109.375000
449.153320	408657.500000
448.090820	407410.937500
447.029297	405536.375000
445.966797	405627.500000
444.904297	406509.125000
443.840820	407891.468750
442.778320	408842.875000
441.714844	411543.437500
440.651367	415801.718750
439.587891	418490.531250

438.524414	422623.656250
437.460938	424309.125000
436.396484	425303.250000
435.332031	422527.000000
434.267578	420562.000000
433.203125	415580.500000
432.137695	412331.031250
431.073242	408852.718750
430.007813	406680.468750
428.942383	402641.406250
427.875977	401934.875000
426.810547	400001.937500
425.744141	397762.531250
424.677734	395756.062500
423.611328	393966.000000
422.544922	392968.687500
421.477539	389975.375000
420.410156	387866.375000
419.342773	385289.656250
418.275391	384102.625000
417.208008	383391.343750
416.139648	382385.312500
415.072266	382301.843750
414.003906	382478.125000
412.934570	383557.406250
411.866211	384135.687500
410.796875	384921.906250
409.728516	384578.343750
408.659180	384882.531250
407.588867	385920.531250
406.519531	386682.343750
405.449219	386857.375000
404.379883	387188.875000
403.309570	388260.593750
402.238281	388190.000000
401.167969	388301.500000
400.096680	388426.937500
399.025391	387264.000000
397.954102	386731.500000
396.882813	384720.031250
395.811523	386023.968750
394.739258	386210.250000
393.666992	387807.187500
392.594727	389666.906250
391.522461	393099.281250
390.449219	397742.156250
389.375977	401859.000000
388.302734	407553.718750
387.229492	414932.593750
386.156250	423396.125000
385.082031	432610.812500
384.008789	444664.281250
382.934570	455451.718750
381.860352	466388.687500

380.785156	475141.593750
379.710938	478397.031250
378.635742	478644.187500
377.560547	475196.531250
376.485352	468225.843750
375.409180	460839.406250
374.333984	453355.781250
373.257813	447612.875000
372.181641	442420.312500
371.105469	438031.000000
370.028320	435015.656250
368.951172	434304.562500
367.875000	433661.000000
366.797852	434122.375000
365.719727	433729.656250
364.642578	433740.750000
363.564453	433081.468750
362.486328	431337.093750
361.408203	429227.000000
360.330078	427048.156250
359.250977	425857.468750
358.171875	424159.718750
357.093750	425599.625000
356.013672	423337.312500
354.934570	423720.687500
353.854492	423224.000000
352.775391	422942.781250
351.695313	422513.500000
350.615234	424759.625000
349.534180	422770.593750
348.454102	423155.843750
347.373047	421935.750000
346.291992	421088.375000
345.209961	418433.312500
344.128906	416715.406250
343.046875	414817.843750
341.964844	416031.281250
340.882813	413362.875000
339.800781	412113.750000
338.718750	415470.125000
337.635742	417017.218750
336.552734	423017.000000
335.469727	431440.312500
334.386719	440778.906250
333.302734	452296.625000
332.218750	458649.593750
331.134766	462405.437500
330.050781	460473.312500
328.966797	454544.125000
327.881836	448259.875000
326.796875	442095.500000
325.711914	437472.656250
324.626953	433316.875000
323.541992	430795.750000

322.456055	428102.843750
321.370117	426656.562500
320.284180	424121.937500
319.198242	421514.593750
318.112305	418689.593750
317.025391	417644.125000
315.938477	416035.468750
314.851563	414730.968750
313.764648	414054.687500
312.676758	414077.531250
311.588867	412456.875000
310.500977	411893.968750
309.413086	410646.531250
308.325195	411439.500000
307.236328	411228.437500
306.147461	408638.375000
305.058594	409777.906250
303.969727	407577.000000
302.880859	404869.687500
301.791016	402399.750000
300.701172	400086.718750
299.611328	398909.968750
298.521484	396667.218750
297.430664	393576.937500
296.340820	392502.906250
295.250000	390684.312500
294.159180	389322.468750
293.067383	388366.625000
291.976563	385429.625000
290.884766	386059.750000
289.792969	383992.125000
288.701172	383424.875000
287.609375	382356.500000
286.516602	383263.562500
285.423828	381971.343750
284.331055	380270.125000
283.238281	379340.312500
282.144531	380421.000000
281.051758	379402.312500
279.958008	379737.281250
278.864258	378997.937500
277.770508	378608.437500
276.675781	378863.375000
275.581055	377519.187500
274.486328	377924.906250
273.391602	376697.843750
272.296875	377356.937500
271.201172	376835.718750
270.106445	377172.718750
269.010742	377363.562500
267.914063	378599.093750
266.818359	378308.312500
265.721680	378683.468750
264.625000	378739.281250

263.528320	380025.968750
262.431641	381378.250000
261.334961	381522.312500
260.237305	381456.718750
259.139648	382671.218750
258.041992	382507.468750
256.944336	384443.062500
255.845703	384615.906250
254.747070	385888.000000
253.648438	385455.187500
252.549805	388289.625000
251.451172	386791.875000
250.351563	386861.687500
249.251953	386365.250000
248.152344	386105.406250
247.052734	386236.625000
245.952148	384242.906250
244.852539	384017.656250
243.751953	383438.062500
242.651367	384178.312500
241.549805	383735.125000
240.449219	384127.625000
239.347656	383246.468750
238.246094	383302.968750
237.144531	382429.093750
236.041992	383454.406250
234.940430	382422.000000
233.837891	381662.125000
232.735352	381666.625000
231.632813	382002.062500
230.529297	381321.968750
229.425781	380667.031250
228.322266	379232.937500
227.218750	379607.031250
226.115234	380055.687500
225.010742	379328.968750
223.907227	377830.500000
222.802734	378650.406250
221.697266	378166.437500
220.592773	377650.968750
219.487305	376445.687500
218.382813	376374.031250
217.277344	376951.343750
216.170898	376899.906250
215.065430	376294.656250
213.958984	376114.500000
212.852539	377285.656250
211.746094	377182.156250
210.639648	378756.937500
209.532227	378400.218750
208.424805	378734.562500
207.317383	379861.093750
206.209961	379470.468750
205.102539	381368.187500

203.994141	379623.656250
202.885742	382934.906250
201.777344	382839.375000
200.668945	383016.687500
199.559570	384415.812500
198.450195	386948.187500
197.340820	386822.562500
196.231445	388229.125000
195.122070	388317.281250
194.011719	387986.437500
192.901367	389520.281250
191.791016	390684.281250
190.680664	389999.718750
189.570313	391584.000000
188.458984	391833.312500
187.347656	393074.625000
186.236328	393966.812500
185.125000	393243.937500
184.012695	392413.406250
182.900391	393752.500000
181.788086	393508.750000
180.675781	395074.062500
179.563477	395142.406250
178.450195	396349.593750
177.336914	397012.812500
176.223633	397581.437500
175.110352	397981.437500
173.996094	399445.218750
172.881836	400843.312500
171.767578	400107.093750
170.653320	400537.625000
169.539063	399626.750000
168.423828	398823.843750
167.308594	397666.968750
166.193359	396604.656250
165.078125	392537.343750
163.962891	393100.906250
162.846680	391858.562500
161.730469	389709.531250
160.614258	387603.843750
159.498047	387861.093750
158.380859	386537.812500
157.263672	387215.906250
156.146484	387672.187500
155.029297	386627.031250
153.911133	385076.750000
152.793945	384707.875000
151.675781	382109.812500
150.557617	381466.625000
149.438477	380566.593750
148.320313	381130.687500
147.201172	380257.843750
146.082031	378871.562500
144.962891	376824.656250

143.843750	372081.031250
142.723633	366234.031250
141.603516	357554.437500
140.483398	349268.656250
139.363281	340303.281250
138.242188	328148.906250
137.121094	314029.656250
136.000000	301445.593750
134.878906	288114.968750
133.757813	275128.281250
132.635742	262184.437500
131.513672	248383.171875
130.391602	234609.453125
129.269531	219573.578125
128.147461	205697.062500
127.024414	191560.890625
125.901367	179001.812500
124.778320	166819.250000
123.654297	155952.062500
122.531250	144374.859375
121.407227	133487.203125
120.283203	122065.515625
119.159180	112077.984375
118.034180	102821.273438
116.909180	93554.773438
115.784180	85056.312500
114.659180	77265.453125
113.534180	69304.304688
112.408203	62361.242188
111.283203	56260.246094
110.157227	50494.621094
109.030273	46169.640625
107.904297	42261.335938
106.777344	38978.058594
105.650391	36059.875000
104.523438	33987.902344
103.396484	32122.968750
102.268555	30107.978516
101.140625	28942.800781