

#Wave	#Intensity
1800.817383	209622.046875
1799.996094	210063.546875
1799.174805	210950.421875
1798.353516	209593.750000
1797.532227	210824.281250
1796.709961	212096.984375
1795.888672	211118.000000
1795.066406	210951.484375
1794.245117	212168.750000
1793.422852	212379.140625
1792.600586	213182.265625
1791.777344	212468.343750
1790.955078	212903.437500
1790.132813	213311.046875
1789.309570	213068.328125
1788.486328	214508.531250
1787.663086	213876.937500
1786.839844	215316.484375
1786.016602	214208.296875
1785.193359	214985.546875
1784.369141	215210.140625
1783.545898	215252.593750
1782.721680	216171.843750
1781.897461	214521.406250
1781.073242	216793.156250
1780.249023	216644.218750
1779.423828	216492.296875
1778.599609	216625.375000
1777.774414	217258.500000
1776.949219	216036.796875
1776.124023	217448.468750
1775.298828	217069.296875
1774.473633	217547.406250
1773.648438	216998.734375
1772.822266	217776.437500
1771.997070	218366.171875
1771.170898	218492.593750
1770.344727	219139.500000
1769.518555	220055.453125
1768.692383	219600.656250
1767.865234	219357.734375
1767.039063	220085.656250
1766.211914	220659.125000
1765.384766	220531.000000
1764.558594	221403.421875
1763.730469	221208.703125
1762.903320	220826.703125
1762.076172	221456.921875
1761.248047	222228.875000
1760.420898	221991.843750
1759.592773	222464.484375
1758.764648	222375.406250
1757.936523	222618.390625

1757.108398	223271.750000
1756.279297	223680.453125
1755.451172	223585.156250
1754.622070	224174.656250
1753.792969	225110.765625
1752.963867	225075.562500
1752.134766	225411.218750
1751.305664	225478.437500
1750.476563	225500.437500
1749.646484	225856.906250
1748.817383	226378.953125
1747.987305	226891.781250
1747.157227	226802.046875
1746.327148	227380.859375
1745.496094	226833.390625
1744.666016	226665.406250
1743.835938	227590.062500
1743.004883	227133.078125
1742.173828	229083.359375
1741.342773	228644.312500
1740.511719	228632.531250
1739.680664	229017.703125
1738.848633	229099.046875
1738.017578	229538.109375
1737.185547	229992.046875
1736.353516	229937.921875
1735.521484	229240.781250
1734.689453	230872.171875
1733.857422	231511.765625
1733.025391	231520.453125
1732.192383	231793.375000
1731.359375	232438.453125
1730.526367	232188.812500
1729.693359	232464.437500
1728.860352	232487.921875
1728.027344	233684.437500
1727.194336	234796.562500
1726.360352	233745.906250
1725.526367	234248.890625
1724.692383	234280.984375
1723.858398	234900.593750
1723.024414	235630.875000
1722.190430	235614.750000
1721.356445	235221.109375
1720.521484	236747.765625
1719.686523	237012.968750
1718.851563	236798.937500
1718.016602	237525.109375
1717.181641	237233.203125
1716.346680	238434.937500
1715.510742	238151.937500
1714.675781	238694.828125
1713.839844	239189.656250
1713.003906	238807.953125

1712.167969	238680.546875
1711.332031	239698.359375
1710.496094	240389.953125
1709.659180	241526.656250
1708.822266	241389.875000
1707.986328	241492.171875
1707.149414	242251.656250
1706.312500	243593.328125
1705.474609	243178.515625
1704.637695	242728.000000
1703.800781	244448.031250
1702.962891	244406.359375
1702.125000	243526.093750
1701.287109	244290.218750
1700.449219	244740.843750
1699.611328	245313.578125
1698.772461	245528.234375
1697.934570	244961.578125
1697.095703	245542.906250
1696.256836	246365.468750
1695.417969	246099.937500
1694.579102	247181.343750
1693.740234	247115.359375
1692.901367	246545.953125
1692.061523	246989.359375
1691.221680	246825.140625
1690.382813	246687.750000
1689.542969	247276.734375
1688.702148	249020.296875
1687.862305	248251.718750
1687.022461	248533.656250
1686.181641	248402.000000
1685.340820	248511.296875
1684.500977	249429.390625
1683.660156	250573.125000
1682.818359	250179.578125
1681.977539	251156.328125
1681.136719	250370.531250
1680.294922	251097.312500
1679.453125	251791.156250
1678.611328	251525.406250
1677.769531	251948.687500
1676.927734	252095.687500
1676.085938	252420.734375
1675.243164	252267.812500
1674.401367	252417.609375
1673.558594	253650.359375
1672.715820	253826.546875
1671.873047	254753.093750
1671.030273	254380.390625
1670.186523	254328.031250
1669.343750	255766.859375
1668.500000	256028.453125
1667.656250	254748.890625

1666.812500	255137.953125
1665.968750	255440.968750
1665.125000	256973.109375
1664.280273	255937.062500
1663.436523	256941.515625
1662.591797	257916.015625
1661.747070	257646.953125
1660.902344	257022.828125
1660.057617	258505.734375
1659.212891	258656.781250
1658.367188	258352.250000
1657.522461	258677.750000
1656.676758	258799.093750
1655.831055	260573.062500
1654.985352	260419.109375
1654.139648	260702.609375
1653.293945	260046.328125
1652.447266	262105.421875
1651.600586	261759.265625
1650.754883	261002.687500
1649.908203	262478.781250
1649.061523	262921.031250
1648.213867	262501.125000
1647.367188	263447.875000
1646.520508	264140.500000
1645.672852	264334.281250
1644.825195	264483.718750
1643.977539	264075.656250
1643.129883	265670.031250
1642.282227	266081.531250
1641.433594	267560.031250
1640.585938	266538.625000
1639.737305	266610.843750
1638.888672	267581.687500
1638.040039	269754.093750
1637.191406	270146.750000
1636.342773	271643.562500
1635.493164	272586.343750
1634.644531	273193.156250
1633.794922	274061.750000
1632.945313	274915.281250
1632.095703	274459.187500
1631.246094	275691.843750
1630.395508	275582.843750
1629.545898	274626.875000
1628.695313	275808.843750
1627.844727	275646.906250
1626.994141	276969.375000
1626.143555	277553.750000
1625.292969	278134.968750
1624.442383	278257.656250
1623.590820	279029.437500
1622.739258	279339.875000
1621.888672	278698.843750

1621.037109	278712.687500
1620.184570	279413.375000
1619.333008	289428.843750
1618.481445	278850.968750
1617.628906	279703.812500
1616.776367	280409.656250
1615.923828	279986.156250
1615.071289	280621.343750
1614.218750	281693.093750
1613.366211	281823.562500
1612.512695	282288.093750
1611.660156	281803.031250
1610.806641	283295.687500
1609.953125	284254.718750
1609.099609	284059.500000
1608.246094	284388.468750
1607.391602	286008.468750
1606.538086	285821.750000
1605.683594	286445.843750
1604.829102	286715.593750
1603.974609	287441.687500
1603.120117	287538.562500
1602.265625	288901.812500
1601.410156	289492.593750
1600.555664	288787.937500
1599.700195	290007.031250
1598.844727	291257.812500
1597.989258	292356.187500
1597.133789	294614.093750
1596.277344	294674.468750
1595.421875	297299.218750
1594.565430	298743.250000
1593.709961	302429.125000
1592.853516	306210.062500
1591.996094	309899.218750
1591.139648	315463.468750
1590.283203	321939.062500
1589.425781	326898.375000
1588.569336	333448.468750
1587.711914	338109.531250
1586.854492	341897.187500
1585.997070	343488.375000
1585.138672	346070.031250
1584.281250	346768.187500
1583.422852	345461.468750
1582.564453	344580.531250
1581.706055	343627.062500
1580.847656	345096.812500
1579.989258	347774.437500
1579.130859	351906.687500
1578.271484	358508.687500
1577.413086	364505.968750
1576.553711	372439.062500
1575.694336	378068.218750

1574.834961	381464.468750
1573.974609	381573.281250
1573.115234	378486.531250
1572.254883	373205.875000
1571.395508	365723.781250
1570.535156	359479.375000
1569.674805	352121.312500
1568.814453	346296.812500
1567.953125	341142.375000
1567.092773	335954.843750
1566.231445	331434.031250
1565.370117	327213.812500
1564.508789	321508.812500
1563.647461	318916.937500
1562.786133	318127.875000
1561.924805	314614.843750
1561.062500	313591.812500
1560.200195	311208.937500
1559.338867	311825.125000
1558.476563	309834.750000
1557.613281	308981.312500
1556.750977	307820.937500
1555.888672	307802.656250
1555.025391	307987.156250
1554.162109	307525.625000
1553.298828	307229.312500
1552.435547	307784.437500
1551.572266	308391.468750
1550.708984	307675.406250
1549.844727	306736.718750
1548.980469	308940.906250
1548.117188	307336.875000
1547.252930	308391.750000
1546.387695	308364.562500
1545.523438	309060.312500
1544.659180	308784.375000
1543.793945	309072.187500
1542.928711	309799.218750
1542.063477	310028.937500
1541.198242	309857.000000
1540.333008	310465.031250
1539.467773	309859.781250
1538.601563	311342.562500
1537.736328	310183.031250
1536.870117	309936.062500
1536.003906	310312.593750
1535.137695	310870.781250
1534.270508	309657.250000
1533.404297	310200.906250
1532.537109	311903.843750
1531.670898	312132.562500
1530.803711	311516.437500
1529.936523	310566.093750
1529.068359	312377.250000

1528.201172	312164.781250
1527.333984	312638.125000
1526.465820	312924.031250
1525.597656	312982.312500
1524.729492	313437.937500
1523.861328	314028.718750
1522.993164	312995.687500
1522.124023	314233.906250
1521.255859	314703.343750
1520.386719	313616.000000
1519.517578	315615.781250
1518.648438	315529.593750
1517.779297	315259.375000
1516.909180	315423.375000
1516.040039	317076.437500
1515.169922	316918.125000
1514.299805	317443.812500
1513.429688	317794.062500
1512.559570	317773.562500
1511.689453	317382.531250
1510.819336	317479.843750
1509.948242	319210.843750
1509.077148	319132.656250
1508.206055	318882.281250
1507.334961	320603.500000
1506.463867	321285.437500
1505.592773	321218.343750
1504.720703	322181.000000
1503.849609	321416.906250
1502.977539	322648.687500
1502.105469	322741.906250
1501.233398	323373.968750
1500.360352	323171.812500
1499.488281	323534.218750
1498.615234	324257.406250
1497.742188	324238.500000
1496.870117	325791.843750
1495.997070	325380.375000
1495.123047	326094.125000
1494.250000	327131.062500
1493.375977	328010.218750
1492.502930	328528.531250
1491.628906	328460.156250
1490.754883	330322.562500
1489.880859	330622.812500
1489.005859	331125.968750
1488.131836	332286.468750
1487.256836	333978.218750
1486.382813	334431.875000
1485.507813	336156.937500
1484.632813	337607.093750
1483.756836	337708.531250
1482.881836	338658.125000
1482.005859	339504.593750

1481.130859	338831.906250
1480.254883	337403.062500
1479.378906	336719.531250
1478.502930	336903.687500
1477.625977	337461.500000
1476.750000	336997.937500
1475.873047	337777.937500
1474.996094	338283.937500
1474.119141	339302.906250
1473.242188	339150.000000
1472.365234	338803.312500
1471.488281	340633.718750
1470.610352	340705.687500
1469.732422	342777.218750
1468.855469	343099.343750
1467.976563	345887.312500
1467.098633	347333.343750
1466.220703	347714.250000
1465.341797	350166.906250
1464.463867	351107.750000
1463.584961	352423.781250
1462.706055	353952.687500
1461.827148	353592.593750
1460.948242	355038.281250
1460.068359	352662.406250
1459.189453	352160.562500
1458.309570	351923.187500
1457.429688	349387.062500
1456.549805	348832.031250
1455.669922	349862.218750
1454.789063	350079.750000
1453.909180	348752.468750
1453.028320	350182.406250
1452.147461	348600.062500
1451.266602	348156.343750
1450.385742	349094.687500
1449.504883	349922.031250
1448.623047	349072.656250
1447.741211	350101.031250
1446.860352	349912.593750
1445.978516	351377.062500
1445.096680	350981.500000
1444.213867	351101.843750
1443.332031	352162.937500
1442.449219	350523.625000
1441.567383	351794.031250
1440.684570	353545.437500
1439.801758	352147.406250
1438.917969	353609.343750
1438.035156	353392.125000
1437.152344	352764.625000
1436.268555	353413.500000
1435.384766	353029.500000
1434.500977	354289.093750

1433.617188	353130.093750
1432.733398	355328.000000
1431.848633	354367.093750
1430.964844	355806.437500
1430.080078	355264.062500
1429.195313	355185.250000
1428.310547	355937.125000
1427.424805	355934.468750
1426.540039	357490.843750
1425.654297	359306.437500
1424.769531	359207.187500
1423.883789	359074.062500
1422.998047	357730.187500
1422.112305	358635.781250
1421.225586	359278.656250
1420.339844	359625.093750
1419.453125	360182.937500
1418.566406	361256.625000
1417.679688	359885.468750
1416.792969	362588.125000
1415.906250	361346.843750
1415.018555	363884.843750
1414.131836	362460.593750
1413.244141	365022.812500
1412.356445	363776.281250
1411.468750	364084.593750
1410.581055	365730.125000
1409.692383	366657.250000
1408.804688	366050.125000
1407.916016	366566.000000
1407.027344	367762.531250
1406.138672	367962.812500
1405.250000	369003.968750
1404.360352	369274.250000
1403.471680	369625.968750
1402.582031	369544.625000
1401.692383	369629.125000
1400.802734	369842.843750
1399.913086	371259.000000
1399.023438	371772.906250
1398.132813	371606.906250
1397.243164	372788.875000
1396.352539	373327.468750
1395.461914	372686.843750
1394.571289	373601.343750
1393.679688	374358.343750
1392.789063	374312.625000
1391.897461	375672.312500
1391.006836	374956.062500
1390.115234	377313.406250
1389.223633	376700.812500
1388.331055	378176.812500
1387.439453	378354.625000
1386.546875	379280.531250

1385.655273	379606.531250
1384.762695	379358.156250
1383.870117	380109.718750
1382.977539	380662.187500
1382.083984	382479.968750
1381.191406	383616.843750
1380.297852	383130.000000
1379.404297	384792.406250
1378.510742	383247.906250
1377.617188	384397.781250
1376.723633	385275.968750
1375.829102	385519.000000
1374.935547	387495.437500
1374.041016	387363.406250
1373.146484	387927.343750
1372.251953	389200.843750
1371.357422	389532.312500
1370.461914	391011.781250
1369.567383	391845.531250
1368.671875	393502.750000
1367.776367	394112.375000
1366.880859	393192.062500
1365.985352	396656.687500
1365.088867	397324.000000
1364.193359	396305.875000
1363.296875	397017.625000
1362.400391	395333.312500
1361.503906	396454.843750
1360.607422	396221.000000
1359.709961	395856.187500
1358.813477	397665.406250
1357.916016	394182.218750
1357.018555	395765.375000
1356.121094	395476.062500
1355.223633	395777.250000
1354.326172	394680.437500
1353.427734	396763.500000
1352.530273	395101.750000
1351.631836	395305.343750
1350.733398	396260.156250
1349.834961	397184.000000
1348.936523	396015.656250
1348.037109	397011.531250
1347.138672	396758.437500
1346.239258	397673.156250
1345.339844	397520.093750
1344.440430	399276.468750
1343.540039	400070.718750
1342.640625	400122.875000
1341.740234	400425.000000
1340.840820	400438.125000
1339.940430	400884.468750
1339.040039	400361.656250
1338.139648	402365.062500

1337.238281	402377.781250
1336.337891	403073.125000
1335.436523	402675.093750
1334.535156	404407.562500
1333.633789	403132.968750
1332.732422	405178.062500
1331.830078	404788.156250
1330.928711	406322.156250
1330.026367	405444.406250
1329.124023	405617.125000
1328.221680	406778.875000
1327.319336	406776.750000
1326.416992	407746.750000
1325.513672	408231.812500
1324.611328	409968.062500
1323.708008	410117.593750
1322.804688	411379.625000
1321.901367	411966.000000
1320.997070	412189.718750
1320.093750	412902.968750
1319.189453	413347.687500
1318.286133	416750.968750
1317.381836	416282.468750
1316.476563	417221.093750
1315.572266	422081.093750
1314.667969	423620.718750
1313.762695	423891.687500
1312.857422	427756.250000
1311.952148	429042.718750
1311.046875	428685.687500
1310.141602	427519.875000
1309.236328	425057.062500
1308.330078	422454.375000
1307.423828	421803.437500
1306.517578	420438.187500
1305.611328	419398.875000
1304.705078	418627.406250
1303.798828	417834.156250
1302.891602	418700.843750
1301.984375	417668.000000
1301.078125	417828.843750
1300.170898	418064.000000
1299.262695	418783.968750
1298.355469	418870.093750
1297.447266	419451.906250
1296.540039	418791.656250
1295.631836	419268.625000
1294.723633	420664.781250
1293.815430	420340.375000
1292.906250	421155.218750
1291.998047	421174.656250
1291.088867	422030.312500
1290.179688	421040.250000
1289.270508	421914.812500

1288.361328	421518.937500
1287.452148	421936.781250
1286.541992	422395.718750
1285.631836	422244.437500
1284.722656	423947.593750
1283.812500	423603.812500
1282.901367	424163.656250
1281.991211	424995.093750
1281.081055	424964.218750
1280.169922	424590.218750
1279.258789	427136.312500
1278.347656	426622.093750
1277.436523	425658.125000
1276.525391	426356.656250
1275.613281	425069.406250
1274.702148	427572.000000
1273.790039	426830.500000
1272.877930	427566.656250
1271.965820	429828.968750
1271.052734	428210.625000
1270.140625	428866.625000
1269.227539	429867.531250
1268.314453	430876.250000
1267.402344	431249.375000
1266.488281	432172.593750
1265.575195	431965.062500
1264.662109	432786.531250
1263.748047	432318.968750
1262.833984	433044.312500
1261.919922	433709.218750
1261.005859	434702.031250
1260.091797	435311.656250
1259.176758	436552.593750
1258.262695	436634.125000
1257.347656	437177.468750
1256.432617	438097.656250
1255.517578	438747.062500
1254.602539	439874.187500
1253.686523	441560.718750
1252.771484	441594.781250
1251.855469	443097.468750
1250.939453	445123.656250
1250.023438	446696.125000
1249.107422	445280.343750
1248.190430	446434.812500
1247.274414	447591.593750
1246.357422	448374.312500
1245.440430	446874.656250
1244.523438	448000.687500
1243.606445	447545.468750
1242.688477	448872.593750
1241.771484	450016.687500
1240.853516	449629.406250
1239.935547	450173.718750

1239.017578	450821.281250
1238.099609	451435.937500
1237.180664	453898.750000
1236.262695	454166.937500
1235.343750	455597.000000
1234.424805	456719.093750
1233.505859	457748.281250
1232.586914	459361.843750
1231.666992	460765.406250
1230.748047	463492.531250
1229.828125	464049.437500
1228.908203	464559.906250
1227.988281	467233.250000
1227.068359	467145.218750
1226.147461	467366.875000
1225.227539	467794.843750
1224.306641	466495.625000
1223.385742	466402.281250
1222.464844	464264.937500
1221.543945	462253.156250
1220.622070	462228.406250
1219.701172	459072.750000
1218.779297	459270.937500
1217.857422	459165.312500
1216.935547	457815.031250
1216.013672	456758.031250
1215.090820	457639.500000
1214.168945	458428.500000
1213.246094	456331.375000
1212.323242	457889.718750
1211.400391	457762.625000
1210.477539	456934.125000
1209.553711	456360.437500
1208.630859	457335.500000
1207.707031	458304.812500
1206.783203	457465.875000
1205.859375	457934.187500
1204.935547	457769.250000
1204.010742	458212.937500
1203.086914	459584.093750
1202.162109	460140.843750
1201.237305	459570.000000
1200.312500	460026.500000
1199.387695	461126.031250
1198.461914	459744.656250
1197.537109	460330.500000
1196.611328	460616.281250
1195.685547	462868.000000
1194.759766	464562.687500
1193.833008	462895.656250
1192.907227	464335.968750
1191.980469	465319.656250
1191.054688	465679.687500
1190.127930	466312.031250

1189.201172	465598.218750
1188.273438	466578.218750
1187.346680	465886.125000
1186.418945	466900.718750
1185.491211	466780.187500
1184.564453	466045.281250
1183.635742	467846.000000
1182.708008	467552.906250
1181.780273	470052.968750
1180.851563	470839.437500
1179.922852	469390.812500
1178.994141	471418.062500
1178.065430	471194.468750
1177.136719	470930.593750
1176.207031	471570.781250
1175.278320	471742.656250
1174.348633	471952.093750
1173.418945	472621.312500
1172.489258	473118.187500
1171.558594	472394.406250
1170.628906	473799.531250
1169.698242	473656.312500
1168.768555	473983.281250
1167.837891	475645.218750
1166.906250	474996.718750
1165.975586	477264.718750
1165.044922	477201.437500
1164.113281	476399.968750
1163.181641	476903.125000
1162.250000	477309.468750
1161.318359	478354.218750
1160.385742	478803.031250
1159.454102	480158.187500
1158.521484	480646.718750
1157.588867	481588.156250
1156.656250	482312.093750
1155.723633	483523.562500
1154.791016	486189.562500
1153.857422	486480.906250
1152.924805	487010.531250
1151.991211	487041.781250
1151.057617	488668.937500
1150.123047	489395.937500
1149.189453	490864.093750
1148.255859	491432.500000
1147.321289	491345.125000
1146.386719	492046.937500
1145.452148	491678.593750
1144.517578	489403.500000
1143.582031	491394.062500
1142.647461	491595.375000
1141.711914	491815.312500
1140.776367	492566.968750
1139.840820	491982.312500

1138.905273	492471.843750
1137.968750	493222.906250
1137.033203	493525.031250
1136.096680	493004.625000
1135.160156	493007.656250
1134.223633	495933.343750
1133.286133	494537.437500
1132.349609	495340.562500
1131.412109	495177.656250
1130.475586	497695.375000
1129.538086	495902.718750
1128.599609	498272.718750
1127.662109	498685.156250
1126.724609	499913.000000
1125.786133	500031.812500
1124.847656	499766.906250
1123.909180	500351.843750
1122.970703	501708.937500
1122.032227	500788.718750
1121.092773	501647.343750
1120.154297	502215.468750
1119.214844	502530.531250
1118.275391	501227.531250
1117.334961	502673.343750
1116.395508	503440.312500
1115.456055	503706.968750
1114.515625	504845.687500
1113.575195	504186.750000
1112.634766	505455.187500
1111.694336	504626.218750
1110.752930	505817.031250
1109.812500	504084.937500
1108.871094	505246.156250
1107.929688	504930.312500
1106.988281	506173.250000
1106.046875	507779.437500
1105.104492	507123.437500
1104.163086	508949.125000
1103.220703	510389.375000
1102.278320	509956.093750
1101.335938	511146.250000
1100.393555	511808.218750
1099.450195	512854.406250
1098.507813	513900.218750
1097.564453	516337.187500
1096.621094	518047.125000
1095.677734	518410.406250
1094.733398	518304.593750
1093.790039	518341.843750
1092.845703	518267.843750
1091.901367	516899.062500
1090.957031	519440.843750
1090.012695	517217.343750
1089.068359	518506.375000

1088.123047	517233.687500
1087.178711	517704.781250
1086.233398	516845.250000
1085.288086	517816.000000
1084.341797	517588.625000
1083.396484	518236.343750
1082.450195	519824.718750
1081.504883	519176.875000
1080.558594	518156.718750
1079.612305	519604.187500
1078.665039	519226.062500
1077.718750	518354.218750
1076.771484	519985.625000
1075.825195	521249.531250
1074.877930	520140.187500
1073.929688	520168.562500
1072.982422	522083.343750
1072.035156	521457.125000
1071.086914	522276.406250
1070.138672	523554.187500
1069.190430	521422.562500
1068.242188	522207.062500
1067.293945	523868.906250
1066.344727	523725.093750
1065.396484	523370.562500
1064.447266	523748.437500
1063.498047	524839.812500
1062.547852	524735.375000
1061.598633	525225.937500
1060.648438	525563.625000
1059.699219	526435.375000
1058.749023	525178.125000
1057.798828	526302.125000
1056.847656	526657.687500
1055.897461	527557.500000
1054.946289	529022.250000
1053.996094	529653.125000
1053.044922	530331.062500
1052.093750	528456.875000
1051.141602	528577.687500
1050.190430	528884.937500
1049.238281	531222.437500
1048.286133	530021.625000
1047.333984	529559.125000
1046.381836	530795.187500
1045.429688	531938.937500
1044.476563	531565.437500
1043.524414	533721.312500
1042.571289	532901.625000
1041.618164	532816.625000
1040.664063	533368.812500
1039.710938	534190.875000
1038.756836	533814.625000
1037.803711	535398.937500

1036.849609	534474.812500
1035.895508	535162.375000
1034.940430	535391.250000
1033.986328	537482.125000
1033.031250	537542.812500
1032.076172	537137.437500
1031.122070	537528.000000
1030.166016	538418.250000
1029.210938	538240.500000
1028.255859	538978.500000
1027.299805	539849.625000
1026.343750	540037.812500
1025.387695	540388.062500
1024.431641	540698.875000
1023.474609	541603.000000
1022.518555	544968.562500
1021.561523	543783.687500
1020.604492	544579.562500
1019.647461	544184.000000
1018.690430	548719.187500
1017.732422	549900.062500
1016.775391	551292.000000
1015.817383	552161.312500
1014.859375	551221.875000
1013.901367	550937.562500
1012.943359	551190.812500
1011.984375	549505.937500
1011.025391	550726.812500
1010.067383	549843.000000
1009.107422	549718.187500
1008.148438	551516.812500
1007.189453	552501.812500
1006.229492	552775.062500
1005.270508	551341.937500
1004.310547	552641.500000
1003.350586	553901.437500
1002.389648	554494.437500
1001.429688	554543.125000
1000.468750	555567.750000
999.508789	555376.750000
998.547852	555451.250000
997.585938	556051.062500
996.625000	556666.250000
995.664063	556724.750000
994.702148	558057.125000
993.740234	559508.562500
992.778320	557245.625000
991.816406	558369.250000
990.853516	557523.125000
989.891602	558999.500000
988.928711	559093.687500
987.965820	560340.687500
987.002930	559554.437500
986.040039	560806.062500

985.076172	561265.687500
984.113281	560531.562500
983.149414	561634.312500
982.185547	560226.000000
981.221680	562251.625000
980.256836	563257.500000
979.292969	562396.500000
978.328125	562893.937500
977.363281	562631.875000
976.398438	563147.187500
975.433594	563493.875000
974.468750	564721.062500
973.502930	565727.687500
972.537109	564975.875000
971.571289	566121.812500
970.605469	566555.500000
969.639648	566795.000000
968.672852	567469.000000
967.707031	568432.500000
966.740234	567277.375000
965.773438	568449.937500
964.806641	569678.937500
963.838867	571326.187500
962.872070	569181.500000
961.904297	568851.437500
960.936523	570771.750000
959.968750	571671.000000
959.000977	571180.562500
958.032227	571560.375000
957.064453	571991.687500
956.095703	571813.625000
955.126953	575147.937500
954.158203	572541.375000
953.189453	573838.875000
952.219727	574599.375000
951.250000	574745.812500
950.280273	574379.125000
949.310547	576319.750000
948.340820	575736.312500
947.371094	577379.562500
946.400391	578177.125000
945.429688	579742.000000
944.458984	578792.562500
943.488281	580848.562500
942.517578	579494.937500
941.546875	580170.312500
940.575195	581519.687500
939.603516	581435.187500
938.631836	582104.625000
937.660156	583043.812500
936.687500	582966.750000
935.715820	585967.687500
934.743164	586386.312500
933.770508	585522.062500

932.797852	584971.625000
931.825195	585431.187500
930.851563	587617.000000
929.878906	587444.000000
928.905273	586444.125000
927.931641	588261.312500
926.958008	589238.312500
925.983398	588156.375000
925.009766	589564.187500
924.035156	590034.875000
923.060547	590974.812500
922.085938	591268.062500
921.111328	591117.562500
920.135742	593723.312500
919.161133	594077.312500
918.185547	595597.375000
917.209961	593790.625000
916.234375	594818.250000
915.257813	595358.687500
914.282227	594449.312500
913.305664	597232.812500
912.329102	597222.000000
911.352539	594574.562500
910.375977	596614.250000
909.398438	598353.750000
908.421875	597907.687500
907.444336	598789.375000
906.466797	598826.750000
905.489258	599104.375000
904.510742	598988.250000
903.533203	600106.687500
902.554688	601303.937500
901.576172	600037.500000
900.597656	600902.187500
899.619141	600892.937500
898.640625	601912.812500
897.661133	602153.562500
896.681641	603440.875000
895.702148	602473.937500
894.722656	602752.625000
893.743164	603952.312500
892.762695	603950.000000
891.782227	605284.125000
890.801758	606574.375000
889.821289	605518.500000
888.840820	605505.562500
887.860352	605148.562500
886.878906	606858.250000
885.897461	605744.437500
884.916016	606276.500000
883.934570	607931.500000
882.953125	607469.812500
881.970703	609215.625000
880.989258	610110.562500

880.006836	610035.500000
879.024414	609858.625000
878.041016	609386.750000
877.058594	611211.812500
876.075195	612067.312500
875.091797	614056.500000
874.108398	613891.625000
873.125000	614606.312500
872.141602	616207.562500
871.157227	616492.062500
870.173828	616288.687500
869.189453	617682.937500
868.205078	617007.062500
867.219727	619103.937500
866.235352	619054.937500
865.250000	619465.375000
864.264648	619147.312500
863.279297	620831.125000
862.293945	622651.312500
861.308594	622023.312500
860.322266	622057.375000
859.336914	621711.125000
858.350586	622916.250000
857.364258	621682.875000
856.376953	622198.312500
855.390625	621426.500000
854.403320	621777.062500
853.416016	623365.937500
852.428711	623890.687500
851.441406	624445.625000
850.454102	624233.375000
849.465820	624636.125000
848.477539	624385.875000
847.489258	623472.937500
846.500977	624303.000000
845.512695	624563.687500
844.524414	625403.312500
843.535156	627311.875000
842.545898	627008.187500
841.556641	627503.125000
840.567383	627378.875000
839.577148	627254.562500
838.587891	628549.750000
837.597656	628733.312500
836.607422	628755.250000
835.617188	629983.687500
834.625977	630764.937500
833.635742	629865.375000
832.644531	630431.875000
831.653320	631820.437500
830.662109	631801.250000
829.670898	631290.312500
828.678711	632221.562500
827.687500	633207.937500

826.695313	632583.562500
825.703125	633891.937500
824.710938	632874.562500
823.717773	632598.062500
822.725586	633784.812500
821.732422	634898.000000
820.739258	635066.750000
819.746094	633692.562500
818.752930	635529.875000
817.758789	635547.375000
816.765625	634920.875000
815.771484	635765.937500
814.777344	635227.562500
813.783203	636718.312500
812.788086	634983.375000
811.792969	638016.687500
810.798828	637239.500000
809.803711	638145.812500
808.808594	640320.250000
807.812500	637835.187500
806.817383	638484.687500
805.821289	639736.437500
804.825195	639915.875000
803.829102	640524.437500
802.833008	640776.375000
801.835938	641785.875000
800.839844	642519.000000
799.842773	642241.250000
798.845703	642981.500000
797.848633	643714.000000
796.850586	645010.062500
795.853516	645594.000000
794.855469	643652.125000
793.857422	644679.375000
792.859375	645628.625000
791.860352	646910.500000
790.862305	648369.687500
789.863281	647209.937500
788.864258	649359.187500
787.865234	648977.812500
786.866211	650122.687500
785.867188	651519.750000
784.867188	653238.875000
783.867188	653722.125000
782.867188	652205.125000
781.867188	654553.000000
780.866211	655792.875000
779.866211	657756.812500
778.865234	656687.312500
777.864258	658955.062500
776.863281	658362.625000
775.862305	659742.812500
774.860352	659390.062500
773.859375	660816.875000

772.857422	660102.125000
771.855469	662294.250000
770.852539	663996.625000
769.850586	664715.625000
768.847656	666052.812500
767.844727	665594.375000
766.841797	667028.062500
765.838867	668513.500000
764.835938	669542.375000
763.832031	671128.875000
762.829102	671638.750000
761.825195	671949.125000
760.820313	674405.750000
759.816406	673199.375000
758.812500	674009.500000
757.807617	674637.687500
756.802734	675377.500000
755.797852	674502.562500
754.792969	673381.687500
753.787109	672348.250000
752.782227	672349.437500
751.776367	672082.125000
750.770508	670616.875000
749.764648	669738.625000
748.757813	669919.062500
747.751953	668889.625000
746.745117	671295.375000
745.738281	670452.250000
744.731445	669281.687500
743.723633	669801.937500
742.716797	667946.937500
741.708984	667993.250000
740.701172	668910.250000
739.693359	669578.875000
738.685547	670061.187500
737.676758	669087.875000
736.668945	669530.437500
735.660156	669561.312500
734.651367	671767.937500
733.641602	672333.562500
732.632813	671444.812500
731.623047	670368.062500
730.614258	672832.812500
729.604492	672231.562500
728.593750	672019.125000
727.583984	672663.062500
726.574219	672938.000000
725.563477	672750.187500
724.552734	674293.875000
723.541992	675505.625000
722.530273	677253.437500
721.519531	676787.937500
720.507813	676626.625000
719.496094	677760.312500

718.484375	679716.312500
717.472656	680233.812500
716.459961	679264.187500
715.448242	679208.562500
714.435547	678471.500000
713.422852	681904.125000
712.410156	682778.437500
711.396484	682966.437500
710.383789	681365.562500
709.370117	683181.687500
708.356445	683598.750000
707.342773	685211.562500
706.328125	683882.500000
705.314453	684769.937500
704.299805	685935.500000
703.285156	685772.437500
702.270508	686617.000000
701.255859	687015.437500
700.240234	687019.687500
699.224609	686442.750000
698.208984	687370.187500
697.193359	686857.312500
696.177734	686740.875000
695.162109	687426.500000
694.145508	687511.625000
693.128906	689074.812500
692.112305	688146.437500
691.095703	687245.375000
690.078125	690164.562500
689.061523	691136.187500
688.043945	689225.000000
687.026367	689813.125000
686.008789	690821.000000
684.990234	692255.812500
683.972656	693250.500000
682.954102	692855.312500
681.935547	695336.937500
680.916992	695952.500000
679.898438	696342.062500
678.878906	699920.562500
677.859375	702040.875000
676.839844	704712.062500
675.820313	709412.375000
674.800781	707433.375000
673.780273	707138.812500
672.760742	704756.562500
671.740234	703928.500000
670.719727	703548.937500
669.698242	702760.437500
668.677734	701112.812500
667.656250	700883.187500
666.634766	701951.000000
665.613281	702156.875000
664.591797	700884.750000

663.570313	701724.312500
662.547852	702103.750000
661.525391	702637.000000
660.502930	703069.812500
659.480469	703035.500000
658.458008	703399.562500
657.434570	705090.375000
656.411133	705605.375000
655.387695	705897.812500
654.364258	705332.875000
653.340820	707901.062500
652.316406	708122.000000
651.292969	709529.187500
650.268555	709717.937500
649.243164	710116.500000
648.218750	713215.562500
647.194336	713086.312500
646.168945	714091.187500
645.143555	714620.125000
644.118164	717072.312500
643.092773	717517.625000
642.066406	716261.687500
641.040039	720454.187500
640.014648	719607.437500
638.987305	721642.187500
637.960938	722957.812500
636.934570	723542.500000
635.907227	726093.875000
634.879883	724733.062500
633.852539	725733.125000
632.825195	725204.937500
631.796875	725392.000000
630.769531	725800.250000
629.741211	726298.375000
628.712891	726963.937500
627.684570	725988.562500
626.655273	726649.062500
625.626953	727059.000000
624.597656	727072.750000
623.568359	726343.250000
622.539063	725971.000000
621.508789	726776.375000
620.479492	724505.750000
619.449219	722498.062500
618.418945	724286.312500
617.388672	722796.062500
616.358398	722570.187500
615.327148	721490.687500
614.295898	721218.937500
613.264648	721509.812500
612.233398	721676.812500
611.202148	721385.750000
610.169922	723144.625000
609.138672	720324.125000

608.106445	721215.375000
607.074219	722866.625000
606.041016	722122.687500
605.008789	722352.125000
603.975586	724522.500000
602.942383	726624.312500
601.909180	734232.000000
600.875977	741594.875000
599.841797	747610.312500
598.808594	750122.062500
597.774414	748128.750000
596.740234	741949.562500
595.705078	737442.625000
594.670898	733604.250000
593.635742	728861.250000
592.600586	728255.187500
591.565430	727482.687500
590.530273	726442.375000
589.495117	727519.625000
588.458984	726774.125000
587.422852	726296.687500
586.386719	728251.437500
585.350586	725935.750000
584.313477	728099.625000
583.277344	728355.250000
582.240234	729297.875000
581.203125	729569.937500
580.166016	728294.687500
579.127930	729164.375000
578.090820	730260.187500
577.052734	730103.062500
576.014648	731094.625000
574.976563	731064.937500
573.937500	732017.437500
572.899414	732146.312500
571.860352	733468.750000
570.821289	732201.812500
569.782227	734921.312500
568.742188	735886.437500
567.703125	735567.062500
566.663086	735372.750000
565.623047	736762.625000
564.583008	737990.937500
563.541992	739021.687500
562.501953	737726.437500
561.460938	739088.250000
560.419922	741299.687500
559.378906	741608.625000
558.336914	742063.812500
557.295898	743913.312500
556.253906	748377.875000
555.211914	749757.562500
554.169922	753965.000000
553.127930	756005.062500

552.084961	763322.250000
551.041992	765592.312500
549.999023	769575.437500
548.956055	777187.875000
547.913086	782497.187500
546.869141	787806.812500
545.825195	791176.625000
544.781250	795713.875000
543.737305	795824.500000
542.693359	791048.937500
541.648438	780166.812500
540.604492	772016.812500
539.559570	765819.812500
538.514648	759555.687500
537.468750	755276.625000
536.423828	754095.875000
535.377930	751098.500000
534.332031	749060.687500
533.286133	747585.312500
532.240234	746631.312500
531.193359	746571.187500
530.146484	745529.312500
529.099609	744444.750000
528.052734	745067.875000
527.005859	744917.187500
525.958008	745174.687500
524.911133	746396.187500
523.863281	745441.187500
522.814453	745681.625000
521.766602	746069.812500
520.718750	747693.062500
519.669922	748102.125000
518.621094	747936.562500
517.572266	746982.125000
516.522461	748015.250000
515.473633	748719.250000
514.423828	747348.250000
513.374023	746527.812500
512.324219	746691.062500
511.274414	746330.437500
510.223633	747683.687500
509.172852	747956.000000
508.122070	748406.625000
507.071289	748164.750000
506.020508	748510.437500
504.968750	749807.125000
503.917969	748882.687500
502.866211	750632.812500
501.814453	750630.625000
500.761719	751799.875000
499.709961	750642.750000
498.657227	750659.500000
497.604492	752568.937500
496.551758	751041.812500

495.499023	752292.812500
494.445313	752472.812500
493.391602	752996.875000
492.337891	753786.375000
491.284180	751982.687500
490.230469	753365.000000
489.175781	752636.250000
488.121094	753915.875000
487.066406	754597.625000
486.011719	753376.000000
484.957031	753721.000000
483.901367	755132.000000
482.846680	754055.312500
481.791016	754407.062500
480.734375	752793.312500
479.678711	752813.687500
478.622070	754464.750000
477.566406	752634.062500
476.509766	752890.937500
475.452148	755565.250000
474.395508	754127.937500
473.337891	755247.312500
472.281250	754813.000000
471.223633	754837.312500
470.165039	755192.500000
469.107422	755878.312500
468.048828	755649.562500
466.991211	754830.312500
465.932617	757813.562500
464.873047	757390.812500
463.814453	758955.937500
462.754883	757943.000000
461.696289	759226.562500
460.636719	758947.625000
459.576172	758982.562500
458.516602	759814.562500
457.456055	760719.375000
456.395508	761612.000000
455.334961	760983.875000
454.274414	761286.812500
453.213867	760152.312500
452.152344	759795.625000
451.090820	761087.812500
450.029297	761571.750000
448.967773	762184.937500
447.905273	763642.937500
446.843750	762108.937500
445.781250	762949.812500
444.718750	764213.875000
443.655273	764934.000000
442.592773	764553.125000
441.529297	766443.937500
440.465820	765804.250000
439.402344	766516.312500

438.338867	766732.250000
437.275391	766901.062500
436.210938	768636.687500
435.146484	769800.937500
434.082031	769435.875000
433.016602	768890.125000
431.952148	769445.500000
430.886719	766538.750000
429.821289	767629.312500
428.755859	768269.000000
427.690430	768521.312500
426.624023	767868.250000
425.557617	768692.625000
424.492188	768578.875000
423.424805	769058.187500
422.358398	766809.437500
421.291016	767441.125000
420.224609	767981.125000
419.157227	768696.625000
418.088867	768229.187500
417.021484	767548.812500
415.953125	767634.125000
414.885742	768152.375000
413.817383	767666.500000
412.748047	768968.250000
411.679688	768959.562500
410.610352	767489.125000
409.541992	768864.812500
408.471680	768629.250000
407.402344	769162.687500
406.333008	769261.250000
405.262695	771016.312500
404.192383	770976.625000
403.122070	771366.625000
402.051758	771611.625000
400.980469	773068.250000
399.910156	771550.437500
398.838867	770845.312500
397.767578	772952.187500
396.695313	772284.250000
395.624023	772666.250000
394.551758	773810.625000
393.479492	772529.625000
392.407227	774585.062500
391.334961	772572.437500
390.261719	775249.187500
389.189453	776282.312500
388.116211	777671.437500
387.041992	778827.125000
385.968750	778359.250000
384.894531	780559.562500
383.821289	780308.000000
382.747070	781494.687500
381.672852	782876.375000

380.597656	784080.687500
379.522461	784016.875000
378.448242	785522.750000
377.373047	783893.812500
376.296875	784652.812500
375.221680	783954.250000
374.145508	782721.437500
373.069336	782697.187500
371.993164	784224.625000
370.916992	782688.125000
369.840820	782707.875000
368.763672	782818.187500
367.686523	784102.875000
366.609375	782604.500000
365.532227	781849.125000
364.454102	780518.687500
363.375977	782231.812500
362.297852	783591.750000
361.219727	783893.875000
360.141602	783882.875000
359.062500	782469.687500
357.984375	783045.187500
356.905273	783842.812500
355.825195	783509.687500
354.746094	785098.937500
353.666016	782003.250000
352.586914	783541.187500
351.506836	783069.375000
350.425781	783460.875000
349.345703	783831.375000
348.264648	785383.750000
347.183594	784280.375000
346.102539	784111.625000
345.021484	784181.000000
343.940430	784379.750000
342.858398	787398.000000
341.776367	786334.375000
340.694336	786888.250000
339.612305	786963.812500
338.529297	787240.187500
337.446289	786232.625000
336.363281	785770.250000
335.280273	789213.187500
334.197266	785517.375000
333.113281	789775.750000
332.030273	789395.937500
330.946289	789027.750000
329.861328	790137.750000
328.777344	790638.625000
327.692383	790447.750000
326.608398	790895.312500
325.522461	791879.500000
324.437500	789852.375000
323.352539	794894.687500

322.266602	792982.750000
321.180664	793102.250000
320.094727	792247.937500
319.008789	794344.500000
317.921875	792903.437500
316.835938	793919.937500
315.749023	792461.000000
314.662109	792637.750000
313.574219	792961.500000
312.487305	794147.187500
311.399414	796097.812500
310.311523	797130.750000
309.223633	798537.750000
308.134766	794768.625000
307.046875	795171.750000
305.958008	794628.625000
304.869141	792951.500000
303.780273	792966.687500
302.690430	791513.062500
301.600586	793999.750000
300.510742	791729.687500
299.420898	793401.000000
298.331055	791870.250000
297.241211	791880.812500
296.150391	794362.562500
295.059570	794521.562500
293.968750	793085.562500
292.876953	794385.625000
291.786133	795197.250000
290.694336	796139.062500
289.602539	797014.062500
288.510742	797460.562500
287.417969	797762.687500
286.326172	798783.250000
285.233398	798956.812500
284.140625	800756.750000
283.047852	803322.187500
281.954102	806460.562500
280.860352	808589.500000
279.766602	811026.125000
278.672852	815802.125000
277.579102	818691.125000
276.484375	824350.187500
275.390625	824570.750000
274.295898	821118.937500
273.201172	819033.812500
272.105469	816303.375000
271.010742	813895.812500
269.915039	814145.312500
268.819336	817075.562500
267.722656	824021.687500
266.626953	828839.562500
265.530273	833106.000000
264.433594	832601.375000

263.336914	828525.062500
262.240234	822406.000000
261.142578	816874.812500
260.045898	813243.312500
258.948242	810651.812500
257.850586	812465.437500
256.751953	814613.000000
255.654297	818253.062500
254.555664	826163.625000
253.457031	838048.687500
252.358398	848602.875000
251.258789	855577.250000
250.159180	854464.125000
249.060547	845945.625000
247.960938	834343.125000
246.860352	825483.812500
245.760742	820247.937500
244.660156	817024.750000
243.559570	813627.875000
242.458984	813080.312500
241.357422	811445.250000
240.256836	812703.125000
239.155273	813722.125000
238.053711	813156.625000
236.952148	814538.125000
235.849609	813986.250000
234.748047	814403.000000
233.645508	813817.250000
232.542969	812651.250000
231.439453	810474.562500
230.336914	809490.875000
229.233398	805967.312500
228.129883	803586.875000
227.026367	803520.062500
225.922852	798794.687500
224.818359	798669.812500
223.713867	797336.062500
222.609375	796195.187500
221.504883	795898.750000
220.400391	793373.812500
219.294922	795423.812500
218.189453	793840.687500
217.083984	792870.937500
215.978516	791892.500000
214.872070	790939.250000
213.765625	790286.875000
212.659180	790644.750000
211.552734	792516.062500
210.446289	790506.125000
209.338867	790696.500000
208.231445	791677.062500
207.124023	792058.937500
206.016602	791928.312500
204.908203	793494.562500

203.800781	793354.625000
202.692383	796041.062500
201.583984	795077.375000
200.474609	797942.750000
199.366211	798266.312500
198.256836	798377.812500
197.147461	798912.875000
196.038086	801103.750000
194.927734	801056.812500
193.818359	802982.875000
192.708008	802478.375000
191.597656	804716.250000
190.487305	802077.687500
189.375977	805917.062500
188.264648	805864.562500
187.153320	804282.250000
186.041992	805185.875000
184.930664	804512.750000
183.818359	805858.812500
182.706055	805217.187500
181.593750	807726.750000
180.481445	804244.625000
179.369141	802367.875000
178.255859	802154.000000
177.142578	800422.000000
176.029297	798511.062500
174.916016	796908.312500
173.801758	795512.625000
172.687500	794709.875000
171.573242	794795.875000
170.458984	791970.062500
169.344727	789318.000000
168.229492	786077.187500
167.114258	782425.062500
165.999023	778850.500000
164.883789	776868.437500
163.767578	773793.625000
162.651367	770639.312500
161.536133	768742.687500
160.418945	767464.812500
159.302734	766066.500000
158.185547	761595.187500
157.068359	761078.000000
155.951172	757439.437500
154.833984	755352.687500
153.716797	752763.312500
152.598633	750374.000000
151.480469	745467.875000
150.362305	740232.750000
149.244141	736470.250000
148.125000	733100.187500
147.005859	728455.687500
145.886719	721208.250000
144.767578	715375.062500

143.647461	706257.187500
142.528320	698455.500000
141.408203	686893.375000
140.288086	674398.437500
139.166992	661035.750000
138.046875	643020.250000
136.925781	624019.062500
135.804688	602772.812500
134.683594	580963.937500
133.561523	555026.187500
132.440430	525222.687500
131.318359	495111.875000
130.196289	463078.843750
129.073242	430815.281250
127.951172	399604.062500
126.828125	369315.437500
125.705078	340761.406250
124.582031	314363.875000
123.458008	288572.843750
122.334961	265052.093750
121.210938	241589.312500
120.086914	220050.359375
118.962891	201165.687500
117.837891	181741.375000
116.712891	163418.062500
115.587891	146186.234375
114.462891	129854.210938
113.337891	115754.312500
112.211914	101579.867188
111.085938	88387.906250
109.959961	77125.867188
108.833984	67208.875000
107.707031	58842.527344
106.581055	51242.683594
105.454102	45005.664063
104.326172	39875.609375
103.199219	35366.230469
102.071289	31678.937500
100.944336	28875.322266