

Dome Fuji, Antarctica Ice Core (Depth, Year, SO₄, Cl, nssSO₄ concentrations) Data for AD 1-1900
 Supplementary table edited for:

Y. Motizuki, Y. Nakai, K. Takahashi, M. Igarashi, H. Motoyama, and K. Suzuki:

Dating of a Dome Fuji (Antarctica) shallow ice core by volcanic signal synchronization with B32 and EDML1 chronologies, *The Cryosphere Discuss*, 8, 769-804, doi:10.5194/tcd-8-769-2014, 2014.

LAST UPDATE: Dec. 20, 2013

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Ice Core Name: DF01

DF01-Depth (m)	DF01-WE-Depth (m.w.e.)	DFS1-Year (AD)	DFS2-Year (AD)	SO ₄ (micro-g/l)	Cl (micro-g/l)	nssSO ₄ (micro-g/l)
7.7	2.91	1904.1	1904.1	142.9	105	128.2
7.73	2.92	1903.49	1903.49	84.8	70.3	75
7.78	2.94	1902.62	1902.62	53.4	55.9	45.6
7.83	2.97	1901.73	1901.73	93.7	75.6	83.2
7.88	2.99	1900.79	1900.79	92.8	75.1	82.3
7.93	3.01	1899.85	1899.85	92	76	81.3
8.04	3.06	1897.78	1897.78	69.5	91.5	56.7
8.09	3.08	1896.83	1896.83	39.9	59.9	31.5
8.14	3.11	1895.84	1895.84	51.1	61.7	42.5
8.19	3.13	1894.95	1894.95	106	102.3	91.6
8.23	3.15	1894.1	1894.1	74	66.2	64.7
8.28	3.17	1893.15	1893.15	71.6	52.2	64.3
8.33	3.19	1892.21	1892.21	85.3	48.9	78.5
8.39	3.22	1891.12	1891.12	111.5	63.9	102.5
8.49	3.26	1889.28	1889.28	92	57.7	83.9
8.54	3.29	1888.33	1888.33	95.4	49.4	88.4
8.59	3.31	1887.39	1887.39	110.6	50.6	103.5
8.64	3.33	1886.44	1886.44	133.7	52.7	126.3
8.69	3.35	1885.49	1885.49	183.2	53.4	175.7
8.75	3.38	1884.31	1884.31	160.2	53.5	152.7
8.79	3.4	1883.5	1883.5	196.6	61.7	188
8.88	3.44	1881.89	1881.89	113.1	66.1	103.9
8.93	3.46	1880.94	1880.94	88.9	56.8	80.9
8.98	3.48	1879.99	1879.99	70.6	63.6	61.7
9.02	3.51	1879.08	1879.08	70	53	62.5
9.07	3.53	1878.18	1878.18	80.1	57.8	72
9.12	3.55	1877.23	1877.23	61.1	55.2	53.4
9.18	3.58	1876.04	1876.04	85.7	84.9	73.8
9.28	3.62	1874.18	1874.18	95.4	66	86.1
9.34	3.65	1873.13	1873.13	55.9	48.7	49.1
9.39	3.67	1872.18	1872.18	76.3	46.1	69.9
9.44	3.69	1871.22	1871.22	88.6	50.7	81.5
9.49	3.72	1870.27	1870.27	93.1	52.5	85.8
9.54	3.74	1869.31	1869.31	80.1	42.7	74.1
9.59	3.76	1868.35	1868.35	83.4	51.2	76.2
9.64	3.79	1867.35	1867.35	101.2	71.7	91.1
9.69	3.81	1866.3	1866.3	69.3	54.2	61.7
9.75	3.84	1865.24	1865.24	61.9	51.8	54.6
9.81	3.86	1864.14	1864.14	69.8	58.2	61.7
9.86	3.89	1863.04	1863.04	129.4	47.4	122.7

9.92	3.91	1861.99	1861.99	87.6	46.2	81.1
9.97	3.94	1860.93	1860.93	51.2	42.7	45.2
10.03	3.96	1859.87	1859.87	96.4	52.7	89
10.08	3.99	1858.82	1858.82	55.5	34.9	50.6
10.15	4.02	1857.57	1857.57	70.8	32.5	66.3
10.2	4.04	1856.51	1856.51	87.7	41.1	82
10.26	4.07	1855.45	1855.45	50.3	26.4	46.6
10.31	4.09	1854.39	1854.39	81.9	29.1	77.9
10.37	4.12	1853.33	1853.33	68.2	24	64.8
10.42	4.15	1852.27	1852.27	52	28.6	48
10.48	4.17	1851.21	1851.21	80.5	29	76.4
10.53	4.2	1850.15	1850.15	62.1	21.2	59.1
10.59	4.22	1849.14	1849.14	53.4	24.5	50
10.65	4.25	1847.88	1847.88	65	32.7	60.5
10.71	4.28	1846.72	1846.72	58.1	35.5	53.2
10.77	4.31	1845.56	1845.56	47.2	35.2	42.3
10.83	4.33	1844.35	1844.35	81.3	42.5	75.4
10.9	4.36	1843.09	1843.09	74.7	46.9	68.1
10.96	4.39	1841.88	1841.88	78.1	44.2	72
11.03	4.43	1840.52	1840.52	93.8	57.1	85.9
11.15	4.48	1838.14	1838.14	135.2	93.6	122.1
11.22	4.51	1836.88	1836.88	118.5	62.8	109.7
11.28	4.54	1835.62	1835.62	139.5	45.1	133.2
11.34	4.57	1834.5	1834.5	239.8	42.7	233.8
11.39	4.59	1833.7	1833.7	180		180
11.44	4.62	1832.89	1832.89	96.2	45.2	89.9
11.49	4.64	1832.09	1832.09	151.4	45.3	145.1
11.54	4.66	1831.29	1831.29	111.2	33	106.6
11.59	4.68	1830.52	1830.52	129.9	39.6	124.4
11.65	4.71	1829.48	1829.48	81.1	46.9	74.5
11.72	4.75	1828.39	1828.39	82.4	48.6	75.6
11.78	4.78	1827.38	1827.38	69.5	53.9	61.9
11.84	4.8	1826.49	1826.49	74.5	52.8	67.1
11.89	4.83	1825.61	1825.61	78.9	53.1	71.5
11.95	4.85	1824.72	1824.72	124.8	55.4	117
12	4.88	1823.83	1823.83	63.2	53.4	55.8
12.06	4.9	1822.98	1822.98	106.5	60.9	97.9
12.11	4.93	1822.17	1822.17	105.6	59.8	97.2
12.16	4.95	1821.36	1821.36	52.8	52	45.5
12.21	4.97	1820.55	1820.55	117.2	65	108.1
12.26	5	1819.74	1819.74	56.6	45.9	50.2
12.31	5.02	1818.93	1818.93	131.9	48.5	125.1
12.36	5.04	1818.12	1818.12	226.3	47.4	219.7
12.41	5.07	1817.31	1817.31	751.6	39.1	746.1
12.46	5.09	1816.5	1816.5	888.8	28.6	884.8
12.51	5.11	1815.44	1815.44	238.7	55.3	230.9
12.56	5.14	1814.28	1814.28	117.4	64.2	108.4
12.62	5.17	1813	1813	118.6	55.6	110.8
12.68	5.19	1811.84	1811.84	152.8	50.4	145.7
12.73	5.22	1810.67	1810.67	255.4	40.5	249.7
12.79	5.24	1809.5	1809.5	276.2	39.6	270.6
12.84	5.27	1808.58	1808.58	123.6	65.9	114.3
12.89	5.29	1807.67	1807.67	138.6	82	127.1
12.94	5.32	1806.75	1806.75	149.7	83.4	138

12.99	5.34	1805.7	1805.7	94.9	76	84.3
13.06	5.37	1804.55	1804.55	90.5	72.9	80.3
13.11	5.4	1803.64	1803.64	101.7	92.2	88.8
13.16	5.42	1802.72	1802.72	94.5	51.4	87.3
13.21	5.44	1801.8	1801.8	51.2	42.1	45.3
13.26	5.47	1800.88	1800.88	78.3	53.8	70.7
13.31	5.49	1799.96	1799.96	86.4	54.8	78.8
13.36	5.51	1799.04	1799.04	86.5	78.2	75.5
13.41	5.54	1798.03	1798.03	82.7	68	73.1
13.47	5.57	1796.88	1796.88	79.5	67.6	70
13.53	5.6	1795.82	1795.82	114.2	69.6	104.5
13.58	5.62	1794.9	1794.9	83.1	59.3	74.8
13.63	5.64	1793.97	1793.97	85	63.3	76.2
13.68	5.67	1793.05	1793.05	114.8	69.3	105.1
13.73	5.69	1792.13	1792.13	84.6	63.4	75.8
13.78	5.72	1791.2	1791.2	76.8	60.5	68.3
13.83	5.74	1790.28	1790.28	90	49.7	83
13.88	5.76	1789.35	1789.35	86.4	60.3	78
13.93	5.79	1788.43	1788.43	74	59.5	65.7
13.98	5.81	1787.5	1787.5	69	64	60.1
14.03	5.83	1786.58	1786.58	114		
14.08	5.86	1785.65	1785.65	129.5	60.1	121.1
14.13	5.88	1784.72	1784.72	130.7	50.6	123.6
14.18	5.91	1783.8	1783.8	72.1	47.1	65.5
14.23	5.93	1782.91	1782.91	71.6	55.4	63.8
14.28	5.95	1782.03	1782.03	76.6	49.2	69.7
14.33	5.98	1781.1	1781.1	62.3	58.4	54.1
14.38	6	1780.17	1780.17	120.2	78.8	109.2
14.43	6.02	1779.24	1779.24	81	57.3	73
14.48	6.05	1778.31	1778.31	71.2	60.5	62.7
14.53	6.07	1777.38	1777.38	117.6	70.9	107.7
14.58	6.1	1776.45	1776.45	102.9	59.1	94.6
14.63	6.12	1775.52	1775.52	65.3	49.4	58.4
14.68	6.14	1774.59	1774.59	49.2	54.4	41.6
14.73	6.17	1773.66	1773.66	68.8	63.2	59.9
14.78	6.19	1772.72	1772.72	103.2	51.7	95.9
14.83	6.22	1771.79	1771.79	107.3	54.6	99.6
14.88	6.24	1770.86	1770.86	93.6	48.1	86.9
14.93	6.26	1769.92	1769.92	129.1	41.6	123.3
14.98	6.29	1768.99	1768.99	113.4	42.7	107.4
15.04	6.32	1767.72	1767.72	74.8	39.9	69.2
15.14	6.36	1765.99	1765.99	117.3	56.2	109.5
15.19	6.39	1765.06	1765.06	68.7	38.7	63.3
15.24	6.41	1764.12	1764.12	57.9	33.8	53.2
15.29	6.44	1763.09	1763.09	100	60.3	91.6
15.35	6.47	1761.96	1761.96	96	50.5	88.9
15.41	6.5	1760.84	1760.84	134.8	50.1	127.8
15.47	6.53	1759.71	1759.71	77.8	47.3	71.1
15.53	6.55	1758.67	1758.67	83.9	53.4	76.5
15.58	6.58	1757.73	1757.73	69.7	48.7	62.9
15.63	6.6	1756.79	1756.79	42.1	45	35.8
15.68	6.63	1755.85	1755.85	139.6	162.9	116.8
15.73	6.65	1754.91	1754.91	92	78.8	81
15.78	6.67	1753.97	1753.97	119.3	69.4	109.6

15.83	6.7	1753.02	1753.02	122.7	51.5	115.5
15.88	6.72	1752.08	1752.08	85	51.7	77.7
15.93	6.75	1751.14	1751.14	99.7	48.7	92.9
15.98	6.77	1750.19	1750.19	69.7	43.5	63.6
16.03	6.79	1749.25	1749.25	59.3	53.9	51.8
16.08	6.82	1748.3	1748.3	101.1	44.7	94.8
16.13	6.84	1747.36	1747.36	110.8	54.1	103.3
16.18	6.87	1746.41	1746.41	98.5	46.9	91.9
16.23	6.89	1745.37	1745.37	78.1	53.6	70.6
16.29	6.92	1744.23	1744.23	95	49	88.1
16.35	6.95	1743.1	1743.1	47.2	41.5	41.4
16.41	6.98	1741.96	1741.96	61.8	38.1	56.4
16.47	7.01	1740.82	1740.82	90.9	49.4	84
16.53	7.04	1739.78	1739.78	79.5	60.1	71.1
16.58	7.06	1738.83	1738.83	111.1	67.1	101.7
16.63	7.09	1737.88	1737.88	119.2	80.5	107.9
16.68	7.11	1736.93	1736.93			
16.73	7.14	1735.98	1735.98	90.2	65.5	81.1
16.78	7.16	1735.02	1735.02	59.5	70	49.7
16.83	7.19	1734.07	1734.07	53.9	70.5	44.1
16.88	7.21	1733.12	1733.12	106.1	73.4	95.8
16.93	7.23	1732.17	1732.17	61	62.8	52.2
16.98	7.26	1731.21	1731.21	104	68.4	94.5
17.03	7.28	1730.26	1730.26	98.4	84.9	86.6
17.08	7.31	1729.3	1729.3	96.7	85.5	84.7
17.13	7.33	1728.35	1728.35	93.2	76.4	82.5
17.18	7.36	1727.39	1727.39	47.8	73	37.6
17.23	7.38	1726.44	1726.44	104	73	93.7
17.28	7.41	1725.48	1725.48	111.1	89.7	98.6
17.33	7.43	1724.52	1724.52	67.3	74.2	56.9
17.38	7.46	1723.57	1723.57	55.5	62.2	46.8
17.43	7.48	1722.61	1722.61	104.5	68	95
17.48	7.51	1721.65	1721.65	80.3	59.5	72
17.53	7.53	1720.69	1720.69	44.1	55.9	36.3
17.58	7.55	1719.73	1719.73	64.3	55.7	56.5
17.63	7.58	1718.77	1718.77	34.8	51.1	27.6
17.68	7.6	1717.81	1717.81	106.6	68.5	97.1
17.73	7.63	1716.85	1716.85	105.1	65.9	95.9
17.78	7.65	1715.89	1715.89	95.7	73.9	85.4
17.83	7.68	1714.93	1714.93	96.2	55.9	88.4
17.88	7.7	1713.97	1713.97	56.6	46.6	50.1
17.93	7.73	1713	1713	84.9	58.7	76.7
17.98	7.75	1712.04	1712.04	79.6	44.1	73.4
18.03	7.78	1711.08	1711.08	101.5	52.5	94.1
18.08	7.8	1710.02	1710.02	91.7	60.3	83.3
18.14	7.83	1708.86	1708.86			
18.2	7.86	1707.8	1707.8	71.5	58.2	63.4
18.25	7.89	1706.83	1706.83	67.8	61.9	59.1
18.3	7.91	1705.77	1705.77	66.9	60.5	58.4
18.36	7.94	1704.61	1704.61	95.1	59.3	86.8
18.42	7.97	1703.45	1703.45	97.9	61.7	89.2
18.48	8	1702.39	1702.39	90.5	63.2	81.7
18.53	8.03	1701.42	1701.42	97.4	130.2	79.2
18.58	8.05	1700.45	1700.45	102.9	45.8	96.5

18.63	8.08	1699.48	1699.48	101.1	37	95.9
18.68	8.1	1698.51	1698.51	107.2	37	102
18.73	8.13	1697.54	1697.54	144.7	32.2	140.2
18.78	8.15	1696.52	1696.52	163.7	37.8	158.4
18.83	8.18	1695.5	1695.5	200.9	49.4	194
18.88	8.2	1694.48	1694.48	120.3	55.8	112.5
18.93	8.23	1693.51	1693.51	94.8	85.1	82.9
18.98	8.25	1692.54	1692.54	66.1	51.9	58.9
19.03	8.28	1691.52	1691.52	73.8	49.5	66.9
19.08	8.3	1690.49	1690.49	103.4	50.1	96.4
19.13	8.33	1689.47	1689.47	64.3	40.8	58.6
19.18	8.35	1688.44	1688.44	71.8	44.7	65.6
19.23	8.38	1687.42	1687.42	112.5	51.5	105.3
19.28	8.4	1686.4	1686.4	84.6	68.2	75.1
19.33	8.43	1685.37	1685.37			
19.38	8.45	1684.34	1684.34	57.9	62.8	49.1
19.43	8.48	1683.32	1683.32	72.1	58.9	63.8
19.48	8.5	1682.29	1682.29	57.4	53.2	50
19.53	8.53	1681.16	1681.16	59.4	52.7	52
19.6	8.56	1679.82	1679.82	75.9	60.4	67.5
19.66	8.59	1678.59	1678.59	194.1	151	173
19.71	8.62	1677.56	1677.56	136.3	117.8	119.8
19.76	8.64	1676.53	1676.53	121.2	44.2	115
19.81	8.67	1675.5	1675.5	217.4	52.8	210
19.86	8.69	1674.33	1674.33	179.5	51	172.3
19.91	8.72	1673.16	1673.16	106.9	40.4	101.3
19.96	8.74	1671.98	1671.98	82	40.3	76.4
20.01	8.77	1670.81	1670.81	174.7	35.6	169.7
20.06	8.79	1669.64	1669.64	71.3	33.1	66.7
20.11	8.82	1668.46	1668.46	92.1	42.6	86.2
20.15	8.84	1667.4	1667.4	97.1	38	91.8
20.19	8.86	1666.46	1666.46	99.8	34.4	95
20.23	8.88	1665.52	1665.52	77.7	36.3	72.6
20.27	8.9	1664.58	1664.58	139.9	51.8	132.6
20.31	8.92	1663.64	1663.64	58.8	43.1	52.8
20.35	8.94	1662.7	1662.7	147.2	23.2	144
20.39	8.96	1661.75	1661.75	137.2	34.6	132.3
20.43	8.98	1660.81	1660.81	157.7	34.7	152.8
20.47	9	1659.87	1659.87	109.4	38.5	104
20.51	9.02	1658.92	1658.92	77.8	35.6	72.8
20.55	9.05	1657.98	1657.98	111.3	40.5	105.6
20.6	9.07	1656.92	1656.92	108.4	36.9	103.3
20.64	9.09	1655.86	1655.86	52.2	136.6	33.1
20.68	9.11	1654.91	1654.91	92.6	30.4	88.3
20.72	9.13	1653.96	1653.96	50.4	34	45.7
20.76	9.15	1653.02	1653.02	95.5	44.9	89.2
20.8	9.17	1652.07	1652.07	67.7	41.8	61.9
20.84	9.19	1651.13	1651.13	68.3	38.9	62.8
20.88	9.21	1650.18	1650.18	60.8	28.6	56.8
20.92	9.23	1649.23	1649.23	88.5	45.1	82.2
20.96	9.25	1648.28	1648.28	74.8	37.4	69.5
21	9.27	1647.34	1647.34	108.5	67.7	99.1
21.05	9.3	1646.27	1646.27	102.4	48.4	95.6
21.09	9.32	1645.2	1645.2	89.3	31.7	84.9

21.13	9.34	1644.25	1644.25	102.4	48.3	95.6
21.17	9.36	1643.3	1643.3	151	36.7	145.8
21.21	9.38	1642.35	1642.35	164.2	39.7	158.6
21.25	9.4	1641.4	1641.4	205	35.2	200
21.29	9.42	1640.45	1640.45	245.5	33.4	240.8
21.33	9.44	1639.5	1639.5	352.6	29.5	348.5
21.38	9.47	1638.69	1638.69	296.7	32.8	292.1
21.43	9.49	1637.78	1637.78	211.7	37	206.5
21.48	9.52	1636.88	1636.88	126.5	58.5	118.3
21.52	9.54	1636.06	1636.06			
21.56	9.56	1635.34	1635.34	103.8	51.4	96.6
21.6	9.58	1634.61	1634.61	73.7	52.8	66.3
21.64	9.6	1633.89	1633.89	69.4	48.8	62.5
21.68	9.62	1633.16	1633.16	105.3	68.2	95.8
21.72	9.64	1632.43	1632.43	84.5	52.6	77.2
21.76	9.66	1631.71	1631.71	120.3	57.8	112.2
21.8	9.68	1630.98	1630.98	82.2	66.6	72.9
21.84	9.71	1630.25	1630.25	56.1	57.7	48
21.88	9.73	1629.53	1629.53	129.9	83.6	118.2
21.93	9.75	1628.71	1628.71	149.7	78.4	138.7
21.98	9.77	1627.8	1627.8	116.4	59.8	108.1
22.02	9.8	1626.98	1626.98	127.8	75	117.3
22.06	9.82	1626.25	1626.25	103.7	73.8	93.4
22.1	9.84	1625.52	1625.52	75.1	64.8	66
22.14	9.86	1624.79	1624.79	89.8	66.6	80.4
22.18	9.88	1624.06	1624.06	97.8	72.9	87.6
22.22	9.9	1623.33	1623.33	113.9	71.2	103.9
22.26	9.92	1622.6	1622.6	98.3	77.4	87.5
22.3	9.94	1621.87	1621.87	141.6	64.6	132.6
22.34	9.96	1621.14	1621.14	95	53.9	87.5
22.39	9.99	1620.32	1620.32	185.6	49.5	178.7
22.43	10.01	1619.5	1619.5	289.2	53.2	281.7
22.47	10.03	1618.75	1618.75	188.5	52.6	181.1
22.51	10.05	1618.01	1618.01	122.4	55.9	114.6
22.55	10.07	1617.26	1617.26	72.5	53.2	65.1
22.59	10.09	1616.51	1616.51	82.7	51.6	75.5
22.63	10.11	1615.76	1615.76	92.6	54	85
22.67	10.13	1615.02	1615.02	82.4	55.6	74.6
22.71	10.15	1614.27	1614.27	81.8	58.2	73.6
22.75	10.18	1613.52	1613.52	48.7	48.5	41.9
22.79	10.2	1612.77	1612.77	89.9	55.2	82.2
22.83	10.22	1612.02	1612.02	101.3	63.1	92.4
22.87	10.24	1611.27	1611.27	107.3	70.3	97.4
22.91	10.26	1610.52	1610.52	112	111	96.5
22.95	10.28	1609.77	1609.77	49.7	42.6	43.7
22.99	10.3	1609.02	1609.02	59.7	43.1	53.7
23.03	10.32	1608.27	1608.27	70.7	53.5	63.2
23.07	10.34	1607.52	1607.52	101.9	55.4	94.1
23.11	10.36	1606.77	1606.77	60.1	46.5	53.5
23.15	10.38	1606.02	1606.02	70.9	50.1	63.9
23.19	10.4	1605.26	1605.26	76.4	54.7	68.8
23.23	10.43	1604.51	1604.51	74.4	58.2	66.2
23.27	10.45	1603.76	1603.76	102.8	79.5	91.6
23.31	10.47	1603.01	1603.01	101.4	66.1	92.2

23.35	10.49	1602.25	1602.25	147.8	55.2	140.1
23.39	10.51	1601.5	1601.5	215.7	64.3	206.7
23.43	10.53	1600.75	1600.75	196.9	63.1	188.1
23.47	10.55	1600	1600	95.3	61.9	86.6
23.51	10.57	1599.25	1599.25	79.9	61.1	71.4
23.55	10.59	1598.5	1598.5	139.7	67.2	130.3
23.59	10.61	1597.75	1597.75	151.4	78.5	140.4
23.63	10.63	1597	1597	167	63.3	158.1
23.67	10.66	1596.25	1596.25	172.5	59.4	164.1
23.71	10.68	1595.5	1595.5	203.4	69.6	193.6
23.75	10.7	1594.62	1594.62	114	71.9	104
23.79	10.72	1593.74	1593.74	117	68	107.5
23.83	10.74	1592.85	1592.85	119.7	74.6	109.3
23.87	10.76	1591.97	1591.97	151.4	65.6	142.3
23.91	10.78	1591.09	1591.09	88.1	74.3	77.7
23.95	10.8	1590.2	1590.2	129.5	64.8	120.4
23.99	10.82	1589.32	1589.32	94.2	63.1	85.4
24.03	10.84	1588.43	1588.43	101.6	55.8	93.8
24.07	10.87	1587.55	1587.55	84	51.8	76.7
24.11	10.89	1586.66	1586.66	100.9	45.5	94.5
24.15	10.91	1585.78	1585.78	132.1	46.3	125.7
24.19	10.93	1584.89	1584.89	90.3	53.4	82.8
24.23	10.95	1584.01	1584.01	98.7	57.3	90.7
24.27	10.97	1583.12	1583.12	153.4	55.6	145.6
24.31	10.99	1582.23	1582.23	69.8	54.5	62.2
24.35	11.01	1581.35	1581.35	110.9	54.1	103.4
24.39	11.03	1580.46	1580.46	80.8	80.5	69.6
24.43	11.06	1579.57	1579.57	96	66	86.8
24.47	11.08	1578.68	1578.68	104.5	63.8	95.5
24.51	11.1	1577.79	1577.79	103.4	55.3	95.6
24.55	11.12	1576.9	1576.9	99.6	53.7	92.1
24.59	11.14	1576.02	1576.02	128.5	60.4	120
24.63	11.16	1575.13	1575.13	117.5	56.1	109.6
24.67	11.18	1574.24	1574.24	75.8	49.3	68.9
24.71	11.2	1573.35	1573.35	78.4	49.4	71.5
24.75	11.22	1572.46	1572.46	81.7	43.7	75.6
24.79	11.25	1571.56	1571.56	92.6	45.2	86.2
24.83	11.27	1570.67	1570.67	78.3	55.5	70.6
24.88	11.29	1569.67	1569.67	82.5	42	76.6
24.93	11.32	1568.56	1568.56	77.9	37.3	72.6
24.97	11.34	1567.55	1567.55	43.8	38.9	38.3
25.01	11.36	1566.66	1566.66	51.1	31.7	46.6
25.05	11.38	1565.77	1565.77	82	36.6	76.8
25.09	11.4	1564.87	1564.87	52	35.2	47
25.13	11.43	1563.98	1563.98	63.8	31.9	59.4
25.17	11.45	1563.08	1563.08	55.7	35.2	50.8
25.21	11.47	1562.19	1562.19	85.7	37.7	80.5
25.25	11.49	1561.29	1561.29	52	44.3	45.8
25.29	11.51	1560.4	1560.4	91.6	48.8	84.7
25.33	11.53	1559.5	1559.5	50.2	44.5	44
25.37	11.55	1558.61	1558.61	111.2	64.5	102.2
25.41	11.57	1557.71	1557.71	85.5	60.4	77
25.45	11.6	1556.82	1556.82	91.7	76.6	81
25.49	11.62	1555.92	1555.92	134.7	72.3	124.5

25.53	11.64	1555.02	1555.02	72.1	62.7	63.3
25.57	11.66	1554.12	1554.12	118.3	61.2	109.8
25.61	11.68	1553.23	1553.23	146.1	60.8	137.6
25.65	11.7	1552.33	1552.33	172.5	75.2	162
25.69	11.72	1551.43	1551.43	101.8	65.4	92.7
25.73	11.75	1550.53	1550.53	66.1	55.1	58.4
25.77	11.77	1549.63	1549.63	95	49.7	88
25.81	11.79	1548.73	1548.73	64.2	51	57
25.86	11.81	1547.72	1547.72	80.1	47.6	73.5
25.91	11.84	1546.59	1546.59	71.5	48.2	64.8
25.95	11.86	1545.58	1545.58	57.3	57.9	49.2
25.99	11.88	1544.68	1544.68	110.4	76.2	99.7
26.03	11.91	1543.78	1543.78	87.5	73.4	77.3
26.07	11.93	1542.88	1542.88	116.9	76	106.2
26.11	11.95	1541.97	1541.97	117	73.3	106.7
26.15	11.97	1541.07	1541.07	108.7	62.4	100
26.19	11.99	1540.17	1540.17	140.5	73.7	130.2
26.24	12.02	1539.15	1539.15	107.3	84.3	95.5
26.29	12.04	1538.02	1538.02	96.4	83.8	84.7
26.33	12.06	1537.12	1537.12	93.9	77.9	82.9
26.36	12.08	1536.33	1536.33	79	77.1	68.2
26.4	12.1	1535.42	1535.42	78.8	63.1	69.9
26.44	12.13	1534.52	1534.52	75.3	62.5	66.5
26.48	12.15	1533.61	1533.61	140.9	84.6	129.1
26.52	12.17	1532.71	1532.71	56.5	60.4	48
26.56	12.19	1531.8	1531.8	78.9	60.2	70.5
26.6	12.21	1530.9	1530.9	89.1	62.4	80.3
26.64	12.23	1529.99	1529.99	90.3	57.3	82.3
26.68	12.26	1529.08	1529.08	126.6	82.7	115
26.72	12.28	1528.18	1528.18	62.3	59	54
26.77	12.3	1527.15	1527.15	94.9	64.6	85.9
26.82	12.33	1526.02	1526.02	99.2	61.5	90.6
26.86	12.35	1525	1525	59.9	58.8	51.6
26.9	12.37	1524.09	1524.09	68	55.9	60.1
26.94	12.4	1523.18	1523.18	109.9	56.5	102
26.98	12.42	1522.27	1522.27	65.6	49.5	58.7
27.02	12.44	1521.36	1521.36	102.5	52.2	95.2
27.06	12.46	1520.45	1520.45	45.6	65.2	36.4
27.1	12.48	1519.54	1519.54	81.7	49.1	74.8
27.14	12.5	1518.63	1518.63	93.9	54	86.3
27.18	12.53	1517.72	1517.72	50	48.9	43.2
27.22	12.55	1516.81	1516.81	95.6	61.6	87
27.26	12.57	1515.9	1515.9	119.5	72.7	109.3
27.31	12.59	1514.87	1514.87	124.4	73.5	114.1
27.35	12.62	1513.84	1513.84	45.6	51.1	38.4
27.39	12.64	1512.93	1512.93	102.1	48.1	95.3
27.43	12.66	1512.02	1512.02	128.2	40.8	122.5
27.47	12.68	1511.1	1511.1	84.5	45.1	78.2
27.51	12.7	1510.19	1510.19	69.4	54.5	61.8
27.55	12.73	1509.27	1509.27	108.6	65.9	99.4
27.59	12.75	1508.36	1508.36	146.7	61.3	138.1
27.63	12.77	1507.44	1507.44	159	53.5	151.5
27.67	12.79	1506.53	1506.53	165.2	50.2	158.2
27.71	12.82	1505.52	1505.52	134.6	52.6	127.2

27.76	12.84	1504.49	1504.49	116.2	61.4	107.6
27.8	12.86	1503.55	1503.55	101.6	53.7	94.1
27.84	12.88	1502.64	1502.64	100.3	52.7	92.9
27.88	12.91	1501.72	1501.72	161.1	51.8	153.8
27.92	12.93	1500.8	1500.8	106.2	52.9	98.8
27.96	12.95	1499.88	1499.88	80.8	56.6	72.9
28	12.97	1498.97	1498.97	113.6	58.9	105.3
28.04	12.99	1498.05	1498.05	81.8	54.3	74.2
28.08	13.02	1497.13	1497.13	61.7	53.8	54.2
28.12	13.04	1496.21	1496.21	107.2	64.5	98.2
28.16	13.06	1495.29	1495.29	86.6	59.9	78.2
28.2	13.08	1494.36	1494.36	112.9	76.8	102.1
28.29	13.13	1492.41	1492.41	80.4	81.3	69
28.34	13.16	1491.15	1491.15	121.3	69.5	111.6
28.38	13.18	1490.23	1490.23	141.1	65	132
28.43	13.2	1489.19	1489.19	134.6	71	124.6
28.47	13.23	1488.15	1488.15	174.7	72.4	164.6
28.51	13.25	1487.23	1487.23	134.9	67.4	125.5
28.55	13.27	1486.31	1486.31	83	58.3	74.8
28.59	13.29	1485.38	1485.38	130	59.6	121.7
28.63	13.32	1484.46	1484.46	136.4	62.4	127.7
28.67	13.34	1483.54	1483.54	86.4	51.4	79.2
28.72	13.36	1482.5	1482.5	74	54.2	66.4
28.76	13.39	1481.46	1481.46	90.5	56.9	82.5
28.8	13.41	1480.53	1480.53	96.3	59.9	87.9
28.84	13.43	1479.61	1479.61	116.9	61.5	108.3
28.88	13.45	1478.68	1478.68	97.9	58.8	89.6
28.92	13.48	1477.76	1477.76	79.2	58	71.1
28.96	13.5	1476.83	1476.83	96.7	59.7	88.3
29	13.52	1475.9	1475.9	119.7	62.4	110.9
29.04	13.54	1474.98	1474.98	122.1	63.5	113.2
29.08	13.57	1473.99	1473.99	102.7	61.7	94.1
29.13	13.59	1473.01	1473.01	61.3	56.1	53.4
29.17	13.61	1472.02	1472.02	131.3	61.8	122.6
29.21	13.64	1471.03	1471.03	168.8	62.1	160.1
29.25	13.66	1470.1	1470.1	172.8	55.9	164.9
29.29	13.68	1469.18	1469.18	88.5	56	80.7
29.33	13.7	1468.25	1468.25	78	61.9	69.3
29.37	13.72	1467.32	1467.32	87.1	65.1	78
29.41	13.75	1466.39	1466.39	165.5	153.7	144
29.45	13.77	1465.46	1465.46	84.9	68.7	75.3
29.49	13.79	1464.53	1464.53	122.2	70.9	112.2
29.53	13.81	1463.6	1463.6	110.8	68.9	101.2
29.58	13.84	1462.55	1462.55	134	71.3	124
29.63	13.87	1461.38	1461.38	139.4	55.4	131.7
29.68	13.89	1460.22	1460.22	78	214.8	47.9
29.72	13.92	1459.17	1459.17	123.8	55.3	116
29.76	13.94	1458.24	1458.24	148.5	60.9	140
29.8	13.96	1457.3	1457.3	186.5	61.7	177.9
29.84	13.98	1456.37	1456.37	321.7	57.2	313.7
29.88	14.01	1455.43	1455.43	741.5	42.4	735.6
29.92	14.03	1454.5	1454.5	1043.7	35.8	1038.7
29.97	14.05	1453.54	1453.54	285.8	63.7	276.9
30.01	14.08	1452.58	1452.58	103.3	66.2	94.1

30.05	14.1	1451.73	1451.73	110.7	64.5	101.7
30.09	14.12	1450.88	1450.88	95.8	65.1	86.7
30.13	14.15	1450.02	1450.02	169.4	70.7	159.5
30.18	14.17	1449.06	1449.06	112.1	69.8	102.3
30.23	14.2	1447.94	1447.94	113.4	71.2	103.4
30.29	14.23	1446.66	1446.66	113.2	66.6	103.9
30.34	14.26	1445.54	1445.54	63.2	55.4	55.4
30.38	14.28	1444.68	1444.68	61.9	54.5	54.2
30.42	14.31	1443.83	1443.83	87.2	59.9	78.8
30.46	14.33	1442.97	1442.97	105	78.1	94.1
30.5	14.35	1442.11	1442.11	122.3	64.8	113.2
30.54	14.37	1441.26	1441.26	76.4	57.9	68.3
30.58	14.4	1440.4	1440.4	100.9	60.9	92.3
30.63	14.42	1439.44	1439.44	78	52.7	70.6
30.68	14.45	1438.36	1438.36	88	56.8	80
30.72	14.47	1437.4	1437.4	88.5	53.8	81
30.76	14.5	1436.54	1436.54	94.4	55.1	86.6
30.8	14.52	1435.68	1435.68	83.9	53.5	76.4
30.84	14.54	1434.82	1434.82	122.5	66.3	113.2
30.88	14.56	1433.96	1433.96	61.3	93.4	48.2
30.92	14.59	1433.11	1433.11	64	50.9	56.9
30.96	14.61	1432.25	1432.25	88.8	52.1	81.5
31	14.63	1431.39	1431.39	68.3	60.5	59.8
31.04	14.65	1430.53	1430.53	104.6	79	93.5
31.08	14.68	1429.66	1429.66	75.8	71.2	65.8
31.13	14.7	1428.7	1428.7	65.4	73.2	55.1
31.17	14.73	1427.73	1427.73	138.2	105.1	123.5
31.21	14.75	1426.87	1426.87	122.6	81.5	111.2
31.25	14.77	1426	1426	96.8	67.6	87.3
31.29	14.79	1425.14	1425.14	64.8	66	55.6
31.33	14.82	1424.28	1424.28	88.5	68.6	78.9
31.37	14.84	1423.42	1423.42	69.9	63.4	61.1
31.41	14.86	1422.55	1422.55	40.6	59.8	32.2
31.45	14.88	1421.69	1421.69	100.2	63.1	91.4
31.5	14.91	1420.68	1420.68	64.2	60.3	55.7
31.55	14.94	1419.57	1419.57	84.7	62.3	76
31.59	14.96	1418.66	1418.66	80.4	64.4	71.4
31.63	14.99	1417.8	1417.8	134	81.3	122.7
31.67	15.01	1416.93	1416.93	87.7	70.6	77.8
31.71	15.03	1416.07	1416.07	76.7	50.5	69.7
31.75	15.05	1415.2	1415.2	68.7	52.5	61.4
31.79	15.08	1414.34	1414.34	66.5	54.7	58.8
31.83	15.1	1413.47	1413.47	71.9	57.2	63.9
31.87	15.12	1412.6	1412.6	80.2	58.9	71.9
31.91	15.14	1411.74	1411.74	122.7	60.1	114.3
31.95	15.17	1410.87	1410.87	94.5	62.3	85.8
31.99	15.19	1410	1410	91	65.7	81.8
32.03	15.21	1409.13	1409.13	64	57.9	55.9
32.07	15.23	1408.26	1408.26			
32.12	15.26	1407.18	1407.18			
32.18	15.29	1405.98	1405.98	71.1	63	62.3
32.22	15.32	1405.01	1405.01	85.2	57.9	77.1
32.26	15.34	1404.14	1404.14	77.7	54.7	70
32.3	15.36	1403.27	1403.27	106.7	58	98.6

32.34	15.39	1402.4	1402.4	74.1	56.9	66.2
32.38	15.41	1401.53	1401.53	58.3	55.2	50.5
32.42	15.43	1400.65	1400.65	67.6	56.5	59.7
32.46	15.46	1399.78	1399.78	63.5	57.1	55.6
32.5	15.48	1398.91	1398.91	87.2	61.5	78.6
32.54	15.5	1398.04	1398.04	112.1	59.8	103.7
32.58	15.52	1397.17	1397.17			
32.62	15.55	1396.3	1396.3	75.4	56	67.6
32.66	15.57	1395.42	1395.42	48.5	45.9	42.1
32.7	15.59	1394.55	1394.55	34.2	49.9	27.2
32.74	15.61	1393.68	1393.68	75.4	81.8	63.9
32.78	15.64	1392.8	1392.8	61.2	55.8	53.4
32.82	15.66	1391.93	1391.93	88.1	53.2	80.7
32.86	15.68	1391.05	1391.05	104.9	53.9	97.3
32.9	15.71	1390.18	1390.18	52.8	53	45.4
32.94	15.73	1389.3	1389.3	123.4	51.3	116.2
32.98	15.75	1388.43	1388.43	65.2	44.4	59
33.03	15.78	1387.44	1387.44	59.9	47.7	53.2
33.08	15.81	1386.35	1386.35	54.8	51.4	47.6
33.12	15.83	1385.36	1385.36	53.9	61.5	45.3
33.17	15.86	1384.27	1384.27	122.2	89.1	109.7
33.23	15.89	1383.06	1383.06	62.7	59.6	54.4
33.27	15.92	1382.07	1382.07	89.9	57.2	81.9
33.31	15.94	1381.2	1381.2	93.3	67	83.9
33.35	15.96	1380.32	1380.32	76.5	59.9	68.1
33.39	15.99	1379.44	1379.44	90.6	54.9	82.9
33.43	16.01	1378.56	1378.56	154.6	53.5	147.1
33.48	16.03	1377.57	1377.57	135.2	49.2	128.3
33.52	16.06	1376.58	1376.58	76.6	44.3	70.4
33.56	16.08	1375.7	1375.7	118.4	44	112.2
33.6	16.11	1374.82	1374.82	137.1	42.6	131.1
33.64	16.13	1373.94	1373.94	87.9	42	82
33.69	16.16	1372.95	1372.95	69.4	41.1	63.6
33.74	16.18	1371.85	1371.85	44.3	39.1	38.9
33.78	16.21	1370.79	1370.79	61.1	47.2	54.5
33.84	16.24	1369.57	1369.57	88.7	53.1	81.2
33.88	16.27	1368.66	1368.66	30.2	46.6	23.7
33.92	16.29	1367.77	1367.77	95.9	51.9	88.7
33.96	16.31	1366.89	1366.89	103.7	52.2	96.4
34	16.34	1366.01	1366.01	44.8	51.6	37.5
34.04	16.36	1365.13	1365.13	58.2	53.3	50.7
34.08	16.38	1364.24	1364.24	119.4	64.2	110.4
34.12	16.41	1363.36	1363.36	67	55.7	59.3
34.16	16.43	1362.47	1362.47	72.6	55.6	64.8
34.2	16.45	1361.59	1361.59			
34.24	16.47	1360.7	1360.7			
34.29	16.5	1359.71	1359.71	122.6	64	113.6
34.33	16.53	1358.71	1358.71	92.6	54.5	84.9
34.37	16.55	1357.83	1357.83	84	54.8	76.4
34.41	16.57	1356.94	1356.94	79.3	58.3	71.2
34.45	16.6	1356.05	1356.05	96.2	74.7	85.7
34.49	16.62	1355.17	1355.17	59.8	62.8	51
34.53	16.64	1354.28	1354.28	55.4	55.5	47.6
34.57	16.67	1353.39	1353.39	112	58.3	103.8

34.61	16.69	1352.51	1352.51	66.2	53.3	58.8
34.65	16.71	1351.66	1351.66	93.2	52.5	85.9
34.7	16.74	1350.52	1350.52	90.5	54	82.9
34.74	16.76	1349.62	1349.62	76.2	52.8	68.8
34.78	16.79	1348.73	1348.73	60	50.5	52.9
34.82	16.81	1347.84	1347.84	89.7	61.6	81.1
34.86	16.83	1346.95	1346.95	133.2	139	113.8
34.9	16.86	1346.06	1346.06	89.6	59.7	81.3
34.94	16.88	1345.17	1345.17	100.3	54.5	92.7
34.98	16.9	1344.28	1344.28	194.3	57.4	186.2
35.02	16.93	1343.39	1343.39	130	51.9	122.7
35.06	16.95	1342.5	1342.5	200.5	48	193.8
35.1	16.97	1341.63	1341.63	118.2	51.1	111
35.15	17	1340.64	1340.64	72.6	57	64.6
35.2	17.03	1339.55	1339.55	62.4	55.2	54.7
35.25	17.06	1338.45	1338.45	51.1	53.2	43.6
35.29	17.08	1337.47	1337.47	104.5	59.4	96.2
35.34	17.11	1336.43	1336.43	79.3	60	70.9
35.39	17.14	1335.39	1335.39	116	64.1	107
35.43	17.16	1334.51	1334.51	152.5	61	144
35.47	17.19	1333.51	1333.51	145.3	64.1	136.3
35.52	17.22	1332.46	1332.46	115	85	103.1
35.56	17.24	1331.55	1331.55	60.4	61.6	51.8
35.61	17.27	1330.56	1330.56	107.6	69.7	97.8
35.65	17.29	1329.57	1329.57	110.4	73.1	100.2
35.69	17.32	1328.69	1328.69	110.6	62	101.9
35.74	17.34	1327.7	1327.7	85.3	69	75.7
35.78	17.37	1326.71	1326.71	61.9	55.7	54.1
35.82	17.39	1325.83	1325.83	51.8	55	44
35.87	17.42	1324.84	1324.84	79.8	59.1	71.5
35.91	17.45	1323.85	1323.85	65.9	58.2	57.8
35.95	17.47	1322.97	1322.97	93.5	52.9	86.1
35.99	17.49	1322.09	1322.09	71.5	53	64.1
36.03	17.52	1321.21	1321.21	90.9	55.7	83.1
36.07	17.54	1320.33	1320.33	50.5	55.1	42.8
36.11	17.56	1319.45	1319.45	70	56.8	62
36.15	17.59	1318.57	1318.57	89.5	64.3	80.5
36.19	17.61	1317.68	1317.68	48.2	50.5	41.2
36.23	17.63	1316.8	1316.8	70	50.3	62.9
36.28	17.66	1315.81	1315.81	55	49	48.1
36.32	17.69	1314.81	1314.81	121.8	65.4	112.6
36.36	17.71	1313.93	1313.93	125.9	55.6	118.1
36.4	17.73	1313.04	1313.04	89	51	81.9
36.44	17.76	1312.16	1312.16	92.9	53.6	85.4
36.48	17.78	1311.28	1311.28	90.8	52.8	83.4
36.52	17.8	1310.39	1310.39	70.7	49.7	63.8
36.56	17.83	1309.51	1309.51	85.1	46.3	78.6
36.6	17.85	1308.62	1308.62	66.4	48.4	59.6
36.64	17.87	1307.73	1307.73	54.7	50	47.7
36.68	17.9	1306.85	1306.85	67.6	63.5	58.7
36.73	17.92	1305.85	1305.85	75	61.7	66.3
36.77	17.95	1304.85	1304.85	97.1	60.7	88.6
36.82	17.98	1303.86	1303.86	83.8	61.3	75.2
36.86	18	1302.86	1302.86	102.3	91.8	89.4

36.91	18.03	1301.86	1301.86	105.4	83	93.7
36.95	18.06	1300.86	1300.86	56	55.3	48.3
36.99	18.08	1299.97	1299.97	64	56.6	56.1
37.04	18.11	1298.97	1298.97	122.1	69.7	112.3
37.08	18.13	1297.92	1297.92	60.6	61.1	52.1
37.13	18.16	1296.8	1296.8	85.6	59.3	77.3
37.17	18.19	1295.97	1295.97	86.3	57.2	78.3
37.21	18.21	1295.08	1295.08	67.8	59.4	59.5
37.25	18.23	1294.19	1294.19	58.7	58.5	50.5
37.29	18.26	1293.3	1293.3	78.6	75	68.1
37.33	18.28	1292.41	1292.41	121.6	74.2	111.2
37.37	18.3	1291.52	1291.52	69.7	63.3	60.9
37.41	18.33	1290.63	1290.63	119.1	53.5	111.6
37.45	18.35	1289.73	1289.73	85.6	42.5	79.6
37.49	18.38	1288.84	1288.84	123.7	46.1	117.3
37.54	18.4	1287.84	1287.84	96.1	55.7	88.3
37.59	18.43	1286.72	1286.72	133.1	50.4	126
37.63	18.46	1285.62	1285.62	274.6	45.8	268.2
37.68	18.49	1284.5	1284.5	284.7	59.9	276.3
37.73	18.52	1283.51	1283.51	115.2	74.7	104.7
37.77	18.54	1282.63	1282.63	81.6	71.4	71.6
37.82	18.57	1281.65	1281.65	125.7	96.1	112.2
37.86	18.6	1280.66	1280.66	67.3	68.2	57.7
37.91	18.62	1279.68	1279.68	63.9	77.1	53.1
37.95	18.65	1278.69	1278.69	78.5	73.7	68.2
38.01	18.68	1277.49	1277.49	248.1	71.5	238.1
38.05	18.71	1276.5	1276.5	488.8	48.3	482.1
38.09	18.73	1275.63	1275.63	426	78.1	415.1
38.13	18.76	1274.75	1274.75	148.7	68.7	139
38.17	18.78	1273.88	1273.88	95.7	63.9	86.7
38.21	18.8	1273	1273	74.3	66	65.1
38.25	18.83	1272.13	1272.13	113.8	76	103.2
38.29	18.85	1271.25	1271.25	152.7	68.4	143.1
38.33	18.88	1270.38	1270.38	294.1	65.8	284.9
38.37	18.9	1269.5	1269.5	368.4	71.7	358.3
38.41	18.92	1268.46	1268.46	188.5	87.4	176.2
38.45	18.95	1267.41	1267.41	126.1	93.6	113
38.5	18.97	1266.24	1266.24	91.6	81.5	80.2
38.54	19	1265.06	1265.06	123	67.4	113.6
38.58	19.02	1264.02	1264.02	95.8	62.8	87
38.62	19.05	1262.98	1262.98	103.1	72.9	92.9
38.66	19.07	1261.93	1261.93	113	67.1	103.6
38.7	19.1	1260.88	1260.88	275.4	58.4	267.3
38.74	19.12	1259.75	1259.75	800.1	40.2	794.5
38.8	19.15	1258.4	1258.4	1308.5	31.4	1304.1
38.84	19.18	1257.31	1257.31	909.5	41.1	903.8
38.88	19.2	1256.34	1256.34	270.3	64.1	261.3
38.92	19.23	1255.37	1255.37	116.3	62.5	107.6
38.96	19.25	1254.41	1254.41	101.7	71.4	91.7
39	19.28	1253.44	1253.44	85.4	68.8	75.7
39.04	19.3	1252.47	1252.47	84.6	87.4	72.4
39.08	19.32	1251.5	1251.5	118.9	104.5	104.3
39.12	19.35	1250.53	1250.53	83.5	87.8	71.3
39.16	19.37	1249.56	1249.56	61.1	68.2	51.5

39.2	19.4	1248.59	1248.59	82.1	64.6	73
39.25	19.42	1247.49	1247.49	114.6	59.2	106.3
39.29	19.45	1246.4	1246.4	100.8	60.6	92.3
39.33	19.47	1245.43	1245.43	92.2	55	84.5
39.37	19.5	1244.46	1244.46	97.6	52.4	90.2
39.41	19.52	1243.49	1243.49	74	47.9	67.3
39.45	19.55	1242.51	1242.51	70.3	47.5	63.7
39.49	19.57	1241.54	1241.54	105.4	55.5	97.7
39.53	19.6	1240.57	1240.57	127.4	58.5	119.2
39.57	19.62	1239.59	1239.59	51.7	46.9	45.2
39.61	19.64	1238.62	1238.62	69.7	43.5	63.6
39.65	19.67	1237.65	1237.65	105.8	46.1	99.3
39.69	19.69	1236.67	1236.67	69.4	48.3	62.7
39.73	19.72	1235.7	1235.7	108.9	59.4	100.6
39.78	19.75	1234.48	1234.48	99.8	60.1	91.4
39.82	19.77	1233.5	1233.5	93.9	54.4	86.3
39.86	19.79	1232.53	1232.53	81.7	55.2	74
39.9	19.82	1231.55	1231.55	73	56.3	65.2
39.94	19.84	1230.57	1230.57	145.1	58.4	136.9
39.98	19.87	1229.6	1229.6	246	57.7	237.9
40.02	19.89	1228.62	1228.62	298.6	49.9	291.6
40.06	19.92	1227.67	1227.67	296.8	40.2	291.2
40.1	19.94	1226.71	1226.71	188.1	49.9	181.1
40.14	19.96	1225.76	1225.76	119.5	57.8	111.4
40.18	19.99	1224.8	1224.8	65.9	55	58.2
40.23	20.02	1223.73	1223.73	53.5	55.6	45.7
40.28	20.05	1222.53	1222.53	78.1	64.7	69.1
40.32	20.07	1221.46	1221.46	91.8	73.6	81.4
40.37	20.1	1220.38	1220.38	84.9	44	78.8
40.42	20.13	1219.07	1219.07	79.6	17.1	77.2
40.46	20.16	1218.11	1218.11	61.3	13.8	59.3
40.5	20.18	1217.16	1217.16	80.3	29.6	76.2
40.54	20.21	1216.2	1216.2	69.2	66.3	59.9
40.58	20.23	1215.24	1215.24	96	66.9	86.6
40.62	20.25	1214.28	1214.28	50.3	58.7	42
40.66	20.28	1213.26	1213.26	82.9	58.3	74.7
40.72	20.32	1211.89	1211.89	81.8	57.4	73.7
40.76	20.34	1210.93	1210.93	76.9	57.5	68.9
40.8	20.36	1209.97	1209.97	90.6	64.2	81.6
40.84	20.39	1209.01	1209.01	63.7	71.9	53.6
40.88	20.41	1208.05	1208.05	86.3	84.2	74.6
40.92	20.44	1207.09	1207.09	54.6	70.1	44.8
40.96	20.46	1206.13	1206.13	91	70.3	81.1
41	20.49	1205.17	1205.17	100.3	70.1	90.5
41.04	20.51	1204.21	1204.21	80.3	69.7	70.5
41.08	20.53	1203.25	1203.25	98.1	71.6	88
41.13	20.56	1202.16	1202.16	78	62.7	69.2
41.18	20.59	1200.96	1200.96	131.6	65.5	122.5
41.22	20.62	1199.88	1199.88	123.1	56.9	115.1
41.26	20.64	1198.92	1198.92	130.3	54.6	122.6
41.3	20.67	1197.95	1197.95	108.4	50.7	101.3
41.34	20.69	1196.99	1196.99	72.1	51.3	64.9
41.38	20.72	1196.03	1196.03	62.2	56.3	54.3
41.42	20.74	1195.06	1195.06	104.2	61.8	95.6

41.46	20.77	1194.1	1194.1	117.6	60.8	109.1
41.52	20.8	1192.71	1192.71	117	56.2	109.1
41.56	20.83	1191.69	1191.69	113	48	106.3
41.6	20.85	1190.72	1190.72	131.8	46.6	125.3
41.64	20.88	1189.76	1189.76	152.6	47.1	146
41.68	20.9	1188.79	1188.79	243	43.3	236.9
41.72	20.93	1187.83	1187.83	223.1	42.5	217.2
41.76	20.95	1186.87	1186.87	195.7	50.2	188.7
41.8	20.98	1185.91	1185.91	144.2	57.2	136.2
41.84	21	1184.95	1184.95	118.1	54.7	110.5
41.88	21.02	1183.99	1183.99	96.8	49.5	89.9
41.92	21.05	1183.03	1183.03	74.6	49.3	67.7
41.96	21.08	1182.01	1182.01	87.3	54.3	79.7
42.02	21.11	1180.75	1180.75	130	61	121.4
42.06	21.13	1179.67	1179.67	99.4	47	92.8
42.1	21.16	1178.7	1178.7	41.7	47.2	35.1
42.14	21.18	1177.74	1177.74	85.4	44.6	79.2
42.18	21.21	1176.78	1176.78	106.6	47.8	99.9
42.22	21.23	1175.82	1175.82	81.6	48.5	74.8
42.26	21.26	1174.85	1174.85	116.2	54	108.6
42.3	21.28	1173.89	1173.89	114.8	55.4	107.1
42.34	21.31	1172.92	1172.92	117.2	57.8	109.1
42.38	21.33	1171.96	1171.96	141.4	53.3	133.9
42.43	21.36	1170.88	1170.88	259	49.2	252.2
42.48	21.39	1169.67	1169.67	467.5	44.1	461.3
42.52	21.42	1168.59	1168.62	260.7	61.3	252.1
42.57	21.45	1167.5	1167.58	132.1	67	122.7
42.61	21.47	1166.54	1166.65	55.6	65.8	46.4
42.65	21.5	1165.57	1165.72	76.1	57.4	68
42.69	21.52	1164.61	1164.79	117.7	58.9	109.5
42.73	21.55	1163.52	1163.74	83.5	30.2	79.3
42.78	21.58	1162.31	1162.58	118.8	61.2	110.2
42.83	21.61	1161.11	1161.41	102	55.6	94.2
42.88	21.64	1159.9	1160.25	81	58.4	72.8
42.93	21.67	1158.75	1159.14	95.7	65.4	86.5
42.97	21.7	1157.66	1158.09	84.3	63.2	75.4
43.02	21.72	1156.64	1157.1	92	64.5	82.9
43.06	21.75	1155.55	1156.05	136.6	67.4	127.1
43.11	21.78	1154.46	1155	75.9	58.3	67.7
43.15	21.8	1153.49	1154.06	79.4	60.6	70.9
43.19	21.83	1152.52	1153.13	76.7	57.5	68.6
43.23	21.85	1151.55	1152.19	94	51.1	86.8
43.27	21.88	1150.58	1151.26	106.9	57.8	98.9
43.33	21.92	1149.13	1149.86	54.4	51.9	47.1
43.36	21.94	1148.22	1148.98	93.8	53.7	86.3
43.4	21.96	1147.31	1148.1	76	51.8	68.8
43.45	21.99	1146.22	1147.05	91.5	60.4	83.1
43.49	22.02	1145.13	1146	110.6	56.1	102.7
43.53	22.04	1144.16	1145.06	47	49.4	40.1
43.57	22.07	1143.18	1144.12	77.1	57.4	69.1
43.61	22.09	1142.21	1143.19	98.4	64.8	89.3
43.66	22.12	1141.12	1142.13	104.3	55	96.6
43.7	22.15	1140.03	1141.08	110.9	51.5	103.7
43.74	22.17	1139.05	1140.14	91.1	50	84.1

43.78	22.2	1138.08	1139.2	83.8	52.6	76.4
43.82	22.22	1137.11	1138.26	97.4	52	90.1
43.86	22.25	1136.13	1137.32	59.6	51.7	52.4
43.91	22.28	1134.98	1136.21	98.9	49.9	91.9
43.95	22.3	1133.94	1135.21	88.5	52.9	81.1
43.99	22.33	1132.97	1134.27	92.5	47.7	85.8
44.03	22.35	1131.99	1133.33	75.3	48.8	68.5
44.07	22.38	1131.02	1132.39	86.5	51.9	79.2
44.11	22.4	1130.04	1131.45	91.9	50.5	84.8
44.15	22.43	1129.07	1130.51	96.7	45.5	90.3
44.19	22.45	1128.09	1129.56	107	45.6	100.6
44.23	22.48	1127.12	1128.62	72.1	47	65.6
44.27	22.5	1126.14	1127.68	80.9	53.6	73.4
44.31	22.53	1125.22	1126.8	69.6	55	61.9
44.36	22.56	1124.06	1125.68	63.1	47.5	56.5
44.39	22.58	1123.21	1124.85	120.8	54.4	113.2
44.43	22.6	1122.23	1123.91	41.9	51.1	34.8
44.47	22.63	1121.25	1122.97	89.5	56.1	81.6
44.51	22.65	1120.28	1122.02	75.5	56.7	67.6
44.55	22.68	1119.3	1121.08	51.4	60	43
44.59	22.7	1118.32	1120.14	106.8	63.3	97.9
44.63	22.73	1117.34	1119.19	96.6	65.5	87.5
44.67	22.75	1116.36	1118.25	100.7	59.4	92.4
44.71	22.78	1115.38	1117.3			
44.75	22.8	1114.46	1116.42	139.5	66.8	130.1
44.78	22.83	1113.6	1115.59	113.6	62.2	104.9
44.82	22.85	1112.69	1114.7	149.9	63.7	141
44.86	22.87	1111.71	1113.76	160.6	53.2	153.2
44.9	22.9	1110.72	1112.81	161	52.7	153.7
44.94	22.92	1109.74	1111.87	146.1	57.8	138
44.98	22.95	1108.76	1110.92	190.3	54.7	182.6
45.02	22.97	1107.78	1109.97	317.9	53.4	310.5
45.06	23	1106.82	1109.02	243	55.5	235.3
45.1	23.02	1105.86	1108.08	192.5	72.4	182.4
45.14	23.05	1104.9	1107.13	88.3	68.9	78.6
45.18	23.08	1103.94	1106.18	82.7	55.4	74.9
45.22	23.1	1102.97	1105.23	85.4	53.1	78
45.26	23.13	1102.01	1104.28	82.7	52.7	75.3
45.3	23.15	1101.05	1103.34	75.6	55.1	67.9
45.34	23.18	1100.09	1102.39	84.9	60.3	76.5
45.38	23.2	1099.13	1101.44	126	64.9	116.9
45.42	23.23	1098.16	1100.49	86.8	60	78.4
45.46	23.25	1097.2	1099.54	117.7	58.9	109.4
45.51	23.28	1096.12	1098.47	136.6	57.8	128.6
45.55	23.31	1095.03	1097.4	103.3	55.2	95.6
45.59	23.33	1094.07	1096.45	144	60.3	135.6
45.63	23.36	1093.1	1095.5	132.9	63.2	124.1
45.67	23.38	1092.14	1094.55	101.4	61.9	92.8
45.71	23.41	1091.17	1093.59	180.7	59.5	172.4
45.75	23.43	1090.21	1092.64	104.2	48.4	97.5
45.79	23.46	1089.24	1091.69	155.3	61.8	146.7
45.83	23.48	1088.28	1090.74	109.1	64.3	100.1
45.87	23.51	1087.31	1089.78	88.6	58.8	80.3
45.91	23.54	1086.34	1088.83	87	48.4	80.3

45.96	23.56	1085.26	1087.76	68.8	45	62.5
46	23.59	1084.11	1086.63	102.1	57.5	94
46.05	23.62	1082.96	1085.49	111.9	96.5	98.3
46.1	23.66	1081.75	1084.3	139.7	60.3	131.2
46.14	23.68	1080.78	1083.35	112.8	53.8	105.2
46.19	23.71	1079.69	1082.27	51.4	50	44.4
46.23	23.73	1078.72	1081.32	113.9	59.7	105.6
46.27	23.76	1077.63	1080.24	81.6	48.8	74.7
46.32	23.79	1076.54	1079.17	76.2	54.4	68.6
46.36	23.82	1075.45	1078.09	130.1	63.1	121.3
46.41	23.85	1074.36	1077.02	91.6	54.5	84
46.45	23.87	1073.39	1076.06	82.8	53.4	75.3
46.49	23.9	1072.42	1075.1	116.5	52.8	109.1
46.53	23.93	1071.45	1074.14	129.8	49.6	122.9
46.57	23.95	1070.48	1073.19	109.9	50.1	102.9
46.61	23.98	1069.51	1072.23	74.8	44.2	68.6
46.65	24	1068.54	1071.27	159.6	45.8	153.2
46.68	24.03	1067.63	1070.37	103.5	47.7	96.8
46.72	24.05	1066.65	1069.41	101.7	55.5	93.9
46.77	24.08	1065.5	1068.28	94.6	78.9	83.6
46.81	24.11	1064.53	1067.32	63.9	48.4	57.1
46.85	24.13	1063.55	1066.36	83.3	48	76.6
46.89	24.16	1062.58	1065.4	106.9	49.9	99.9
46.93	24.18	1061.61	1064.44	116.9	49.2	110
46.97	24.21	1060.63	1063.48	61.9	46.3	55.4
47.01	24.23	1059.66	1062.52	97.2	50	90.2
47.05	24.26	1058.69	1061.56	109.1	52.9	101.7
47.09	24.28	1057.71	1060.59	121.2	61.1	112.6
47.13	24.31	1056.74	1059.63	96.4	62.5	87.6
47.17	24.34	1055.76	1058.67	80	66.6	70.6
47.21	24.36	1054.79	1057.71	113.3	59.2	105
47.25	24.39	1053.81	1056.75	87.4	60.2	79
47.29	24.41	1052.83	1055.79	100.3	64.9	91.3
47.33	24.44	1051.86	1054.82	72.9	53.5	65.5
47.37	24.46	1050.88	1053.86	144.2	51.5	137
47.41	24.49	1049.91	1052.9	174.9	76.4	164.2
47.45	24.51	1048.93	1051.93	122.6	57.9	114.5
47.49	24.54	1047.95	1050.97	80.9	58	72.8
47.53	24.57	1046.91	1049.95	97.5	68.1	88
47.64	24.63	1044.41	1047.47	126.1	63.8	117.2
47.68	24.66	1043.31	1046.39	117.9	57.7	109.8
47.72	24.69	1042.33	1045.42	134.4	49	127.5
47.77	24.72	1041.23	1044.34	125.4	45.6	119
47.81	24.74	1040.12	1043.25	106.3	46.7	99.7
47.85	24.77	1039.14	1042.28	99.2	48.5	92.4
47.9	24.8	1038.04	1041.2	95.1	45.5	88.7
47.94	24.83	1036.94	1040.11	60	43.3	53.9
47.98	24.85	1035.96	1039.14	52.2	53.6	44.7
48.02	24.88	1034.92	1038.12	113.5	46.2	107.1
48.07	24.91	1033.75	1036.97	146.7	103.3	132.2
48.11	24.94	1032.77	1036	113.8	60.3	105.4
48.15	24.96	1031.79	1035.03	84.1	58.7	75.9
48.19	24.99	1030.81	1034.06	87.6	55.8	79.8
48.23	25.01	1029.82	1033.09	88.1	51	81

48.27	25.04	1028.84	1032.12	138.8	47	132.2
48.31	25.07	1027.86	1031.16	115.2	47.9	108.5
48.35	25.09	1026.88	1030.19	141.4	48.7	134.6
48.39	25.12	1025.89	1029.22	100	51	92.8
48.43	25.14	1024.91	1028.25	119	52	111.7
48.48	25.17	1023.8	1027.15	103.8	53.6	96.3
48.52	25.2	1022.69	1026.06	133.4	70.5	123.6
48.56	25.23	1021.71	1025.09	64.9	58.8	56.7
48.6	25.25	1020.73	1024.12	114	60	105.5
48.64	25.28	1019.74	1023.15	104.3	64.7	95.2
48.68	25.3	1018.76	1022.18	121.1	55.7	113.3
48.72	25.33	1017.77	1021.21	123.7	62.3	115
48.76	25.36	1016.78	1020.23	177.8	62.7	169
48.8	25.38	1015.8	1019.26	151.2	55	143.5
48.84	25.41	1014.81	1018.29	65	50.6	57.9
48.88	25.43	1013.95	1017.44	82.1	58.6	73.9
48.92	25.46	1012.84	1016.34	135.6	53.8	128
48.96	25.48	1011.85	1015.37	140.5	50.6	133.4
49	25.51	1010.86	1014.4	86.9	47.2	80.2
49.04	25.54	1009.88	1013.42	114.7	48.5	107.9
49.08	25.56	1008.89	1012.45	164.5	49.5	157.6
49.12	25.59	1007.9	1011.47	178	65.4	168.9
49.17	25.62	1006.79	1010.38	129.7	57.1	121.7
49.21	25.65	1005.68	1009.28	156.8	60.7	148.3
49.24	25.67	1004.87	1008.49	107.9	49.3	101
49.28	25.69	1003.94	1007.57	96.6	49.3	89.7
49.34	25.73	1002.46	1006.11	110.3	51.5	103.1
49.38	25.76	1001.47	1005.13	91.8	45.1	85.4
49.42	25.78	1000.48	1004.15	87.6	42.7	81.7
49.46	25.81	999.49	1003.18	68.3	48.2	61.6
49.5	25.83	998.5	1002.2	129.1	54.5	121.5
49.54	25.86	997.51	1001.22	127.8	56	119.9
49.58	25.89	996.52	1000.25	63.3	49.4	56.3
49.62	25.91	995.53	999.27	97.7	46.5	91.2
49.66	25.94	994.53	998.29	133.8	46.6	127.3
49.7	25.96	993.54	997.31	156.4	45.8	150
49.74	25.99	992.55	996.33	127.5	51	120.4
49.78	26.02	991.56	995.35	131.8	55.2	124.1
49.82	26.04	990.56	994.38	90.7	51.6	83.5
49.86	26.07	989.63	993.46	99.8	52.3	92.5
49.89	26.09	988.76	992.6	91.1	56.1	83.3
49.93	26.11	987.89	991.74	89.1	51.3	82
49.96	26.13	987.02	990.89	95.3	51.7	88
50	26.16	986.16	990.03	110.3	61.1	101.8
50.03	26.18	985.47	989.35	94.4	52.5	87.1
50.07	26.2	984.42	988.31	89.8	48.2	83.1
50.1	26.22	983.61	987.51	55.8	50.1	48.8
50.13	26.24	982.86	986.78	111.6	49.9	104.6
50.16	26.26	982.11	986.04	43.1	48.9	36.2
50.23	26.31	980.5	984.45	88.9	56.7	80.9
50.26	26.32	979.75	983.71	89.1	54.8	81.4
50.29	26.34	979	982.97	93.6	56	85.8
50.32	26.36	978.26	982.24	127.7	57	119.7
50.35	26.38	977.51	981.5	123.7	49.7	116.7

50.38	26.4	976.76	980.76	136	54.2	128.4
50.41	26.42	976.01	980.03	184.3	49.4	177.4
50.44	26.44	975.27	979.29	155.5	45.6	149.1
50.47	26.46	974.52	978.55	88.3	54.9	80.6
50.5	26.48	973.77	977.81	65	45.6	58.7
50.53	26.5	973.02	977.08	75.8	47.8	69.1
50.56	26.52	972.27	976.34	76.4	49.8	69.4
50.59	26.54	971.53	975.6	89.4	54.4	81.8
50.62	26.56	970.78	974.86	189.8	56.9	181.8
50.65	26.58	970.03	974.12	107.8	60.7	99.3
50.68	26.6	969.28	973.38	61.5	55	53.8
50.71	26.62	968.53	972.65	98.5	55.2	90.8
50.74	26.64	967.78	971.91	80.9	50	73.9
50.77	26.66	967.03	971.17	74	51.2	66.8
50.8	26.68	966.28	970.43	138.6	67.1	129.2
50.83	26.7	965.53	969.69	93.7	72.9	83.5
50.86	26.72	964.78	968.95	145.1	71.7	135.1
50.89	26.74	964.03	968.21	80.6	57.5	72.5
50.92	26.76	963.28	967.47	150.3	57.9	142.2
50.95	26.78	962.53	966.73	100.5	58.5	92.3
50.98	26.79	961.78	965.99	149.7	54.3	142.1
51.01	26.81	961.03	965.25	193.1	56.2	185.2
51.05	26.84	959.97	964.2	191.4	60.2	183
51.08	26.86	959.15	963.4	101.2	64.1	92.3
51.11	26.88	958.4	962.66	109.2	59.5	100.8
51.14	26.9	957.65	961.92	73.8	61.5	65.2
51.17	26.92	956.9	961.18	110.3	70.2	100.4
51.2	26.94	956.15	960.44	110.3	74	100
51.23	26.96	955.4	959.7	107.2	75.4	96.6
51.26	26.98	954.65	958.95	106.2	69.1	96.5
51.29	27	953.89	958.21	117	60.5	108.5
51.32	27.02	953.14	957.47	85.7	51.8	78.5
51.35	27.04	952.39	956.73	113.8	50.7	106.7
51.38	27.06	951.64	955.99	66.7	53	59.3
51.41	27.08	950.89	955.25	111.5	54.4	103.8
51.44	27.1	950.13	954.5	97.5	55.3	89.8
51.47	27.12	949.38	953.76	85.7	250.2	50.6
51.5	27.14	948.63	953.02	93	312.6	49.2
51.54	27.16	947.69	952.09	109.7	62.3	101
51.57	27.19	946.87	951.29	92.4	55	84.7
51.6	27.21	946.05	950.48	77.7	47.9	71
51.64	27.23	945.24	949.68	59.5	53.3	52
51.67	27.25	944.42	948.87	107.1	51.1	100
51.7	27.27	943.54	948	133.6	58.2	125.5
51.74	27.29	942.72	947.2	79.2	51.9	72
51.77	27.32	941.91	946.39	49.8	47.8	43.1
51.81	27.34	940.9	945.4	92.5	54.3	84.9
51.84	27.36	940.08	944.59	185.4	57.6	177.3
51.87	27.38	939.33	943.85	114.3	49.9	107.3
51.9	27.4	938.57	943.1	117	52.8	109.6
51.94	27.43	937.69	942.24	97	58.7	88.8
51.97	27.45	936.94	941.49	177.8	62	169.1
52	27.47	936.06	940.62	64.1	60.5	55.6
52.03	27.49	935.3	939.88	97.5	60.7	89

52.06	27.51	934.55	939.13	92.8	64.3	83.8
52.09	27.53	933.79	938.39	132.5	67	123.1
52.12	27.55	933.03	937.64	154	65.3	144.9
52.15	27.57	932.22	936.83	163.2	69	153.6
52.19	27.59	931.4	936.03	210.7	70.6	200.8
52.22	27.61	930.64	935.28	155	71.1	145
52.25	27.63	929.88	934.53	107.6	65.4	98.4
52.28	27.65	929.13	933.79	97.1	62.4	88.4
52.31	27.67	928.37	933.04	105.8	59.7	97.4
52.34	27.69	927.61	932.29	89.7	61	81.2
52.37	27.71	926.86	931.55	91	60.3	82.6
52.4	27.73	926.1	930.8	98	69.6	88.2
52.43	27.75	925.28	929.99	106.4	69.3	96.7
52.46	27.77	924.46	929.18	138	69	128.3
52.49	27.79	923.7	928.44	49.5	58.9	41.2
52.52	27.81	922.94	927.69	75.3	62.3	66.6
52.55	27.83	922.18	926.94	70.6	61.9	61.9
52.58	27.85	921.36	926.13	142.8	59.7	134.4
52.62	27.87	920.54	925.32	153.3	57.5	145.2
52.65	27.89	919.78	924.57	74.8	55.3	67.1
52.68	27.91	919.02	923.82	112.8	55.8	105
52.72	27.94	918.01	922.83	98.4	56.1	90.5
52.75	27.96	917.25	922.08	105.7	55	98
52.78	27.98	916.49	921.33	115.4	54.7	107.7
52.81	28	915.74	920.58	113.1	56.7	105.1
52.84	28.02	914.98	919.83	130.9	61.2	122.3
52.87	28.04	914.22	919.08	82.8	59.5	74.4
52.9	28.06	913.46	918.33	90.8	59.5	82.5
52.93	28.08	912.7	917.58	97	59.8	88.7
52.96	28.1	911.94	916.84	28.6	59.5	20.2
52.99	28.12	911.18	916.09	89	62.6	80.2
53.02	28.14	910.42	915.34	102.2	66.7	92.9
53.05	28.16	909.66	914.59	78	65.5	68.9
53.08	28.18	908.9	913.84	87.8	66.7	78.4
53.12	28.21	907.82	912.77	94.1	64.2	85.1
53.15	28.23	906.99	911.96	220.8	67.3	211.4
53.18	28.25	906.23	911.21	168.4	65.2	159.2
53.21	28.27	905.47	910.46	118.5	59.8	110.2
53.24	28.29	904.71	909.71	63.8	47.5	57.2
53.27	28.31	903.89	908.89	67.8	44.2	61.6
53.31	28.33	903.06	908.08	108.3	45.7	101.9
53.34	28.35	902.24	907.27	109.7	47.5	103
53.37	28.37	901.47	906.52	214.8	49.1	208
53.4	28.39	900.71	905.76	156.8	51.9	149.5
53.43	28.41	899.89	904.95	132.2	58.3	124
53.47	28.44	899	904.07	100.1	54	92.6
53.5	28.46	898.23	903.32	93.1	53.1	85.7
53.53	28.48	897.47	902.57	85.4	51.5	78.2
53.56	28.5	896.71	901.82	61.9	47.2	55.3
53.59	28.52	895.95	901.06	57.3	46.2	50.9
53.62	28.54	895.18	900.31	90.2	50.6	83.1
53.65	28.56	894.42	899.56	72.3	45.5	65.9
53.68	28.58	893.66	898.81	77.6	43.6	71.5
53.71	28.6	892.89	898.05	66.1	63.5	57.2

53.74	28.62	892.13	897.3	80.1	53.8	72.6
53.77	28.64	891.36	896.55	117.1	66.4	107.8
53.8	28.66	890.6	895.79	96.9	65.5	87.7
53.83	28.68	889.84	895.04	96.1	59.6	87.8
53.86	28.7	889.07	894.29	79.8	59	71.6
53.89	28.72	888.31	893.53	56	64	47.1
53.92	28.74	887.48	892.72	108.8	63.5	99.9
53.95	28.76	886.65	891.9	136.5	58.4	128.3
53.98	28.78	885.89	891.14	101	55.6	93.2
54.01	28.8	885.12	890.39	147.5	54	139.9
54.04	28.82	884.36	889.64	56.8	49.1	50
54.07	28.84	883.59	888.88	93.1	54.6	85.5
54.1	28.86	882.83	888.13	150.1	61.5	141.5
54.13	28.88	882.06	887.37	98.6	56.6	90.6
54.16	28.9	881.3	886.62	82.9	58.7	74.7
54.19	28.92	880.53	885.86	82.2	58	74.1
54.22	28.94	879.76	885.11	111	54.2	103.4
54.26	28.96	878.87	884.22	106.5	54.8	98.8
54.35	29.02	876.57	881.96			
54.38	29.04	875.8	881.2	97.4	51	90.3
54.41	29.06	875.04	880.44	103.5	50.2	96.5
54.44	29.08	874.27	879.69	118.8	53.2	111.3
54.47	29.11	873.37	878.81	143	56.8	135.1
54.51	29.14	872.35	877.8	118.4	55.2	110.6
54.54	29.16	871.58	877.04	140.1	70	130.3
54.57	29.18	870.82	876.28	79.3	56.2	71.4
54.6	29.2	870.05	875.53	73.2	54.1	65.6
54.63	29.22	869.28	874.77	115.3	54.7	107.7
54.66	29.24	868.45	873.95	80.8	62.6	72
54.7	29.26	867.62	873.13	82.3	53.9	74.8
54.73	29.28	866.85	872.37	105.9	51.6	98.7
54.76	29.3	866.02	871.55	99.9	49.9	92.9
54.79	29.32	865.18	870.73	84.6	52	77.3
54.82	29.34	864.41	869.97	122.9	59.1	114.7
54.85	29.36	863.58	869.15	148.1	64.5	139
54.89	29.39	862.75	868.33	171.2	65.5	162
54.92	29.41	861.98	867.57	138.3	56.8	130.4
54.95	29.43	861.08	866.68	161	59.4	152.7
54.99	29.45	860.18	865.8	91.1	59.3	82.8
55.03	29.48	859.16	864.79	75.8	63	67
55.07	29.51	858.13	863.77	167	66.5	157.7
55.1	29.53	857.36	863.01	152	60.1	143.5
55.13	29.55	856.59	862.25	125.5	65.6	116.4
55.16	29.57	855.82	861.49	145.1	72	135
55.19	29.59	855.05	860.73	161.3	75.8	150.7
55.22	29.61	854.28	859.97	134.8	64	125.8
55.25	29.63	853.51	859.21	132.8	63	123.9
55.28	29.65	852.74	858.45	153.5	71	143.5
55.31	29.67	851.97	857.69	159.9	71.8	149.9
55.34	29.69	851.2	856.93	89.2	73.6	78.9
55.37	29.71	850.42	856.17	139.8	76.1	129.1
55.4	29.73	849.65	855.41	53	61.5	44.3
55.43	29.75	848.88	854.65	162.3	67.2	152.9
55.46	29.77	848.11	853.89	55.7	54.4	48.1

55.49	29.79	847.34	853.13	81.1	49.2	74.2
55.52	29.81	846.57	852.37	52.5	54.7	44.9
55.55	29.83	845.79	851.61	67.7	54.5	60
55.58	29.85	845.02	850.84	139.5	60.6	131
55.61	29.87	844.25	850.08	93.6	49.8	86.6
55.64	29.89	843.48	849.32	99.1	49.5	92.2
55.67	29.91	842.7	848.56	69.5	46.7	63
55.7	29.93	841.87	847.73	32.2	43.5	26.1
55.73	29.95	841.09	846.97	105	45.1	98.7
55.76	29.97	840.39	846.27	128.1	43.7	122
55.79	29.99	839.61	845.51	82.6	40.7	76.9
55.82	30.01	838.84	844.75	67.2	39.4	61.7
55.85	30.03	838.07	843.98	96.4	44.3	90.2
55.88	30.05	837.29	843.22	85.6	40.3	79.9
55.92	30.08	836.2	842.14	86	46	79.5
55.95	30.1	835.36	841.31	78.3	46.8	71.7
55.98	30.12	834.58	840.55	146.3	60	137.9
56.01	30.14	833.81	839.79	87.1	53.4	79.6
56.04	30.16	833.03	839.02	92	51.1	84.8
56.07	30.18	832.26	838.26	76.2	49.3	69.3
56.1	30.2	831.48	837.49	120.8	52.2	113.5
56.13	30.22	830.71	836.73	100.3	98.2	86.5
56.16	30.25	829.93	835.97	114.5	57.5	106.4
56.19	30.27	829.16	835.2	92	56	84.1
56.22	30.29	828.38	834.44	83	55.8	75.2
56.25	30.31	827.61	833.67	90.8	59.5	82.4
56.28	30.33	826.83	832.91	126.4	62.4	117.7
56.31	30.35	826.06	832.14	69.3	59.4	61
56.34	30.37	825.28	831.38	134	58.6	125.8
56.37	30.39	824.44	830.55	91.9	56.9	83.9
56.42	30.42	823.34	829.46	45.9	58.4	37.7
56.45	30.44	822.57	828.7	186.6	60.6	178.1
56.48	30.46	821.72	827.87	191.5	50.7	184.4
56.51	30.48	820.88	827.04	135.9	47	129.3
56.54	30.5	820.04	826.21	108.1	53.8	100.6
56.58	30.53	819.14	825.32	63.8	55.9	56
56.61	30.55	818.29	824.49	103.1	56.8	95.1
56.64	30.57	817.52	823.72	58	56.2	50.2
56.67	30.59	816.74	822.95	116.2	62.1	107.5
56.7	30.61	815.96	822.19	92.7	60.7	84.2
56.73	30.63	815.18	821.42	138.9	60.8	130.4
56.76	30.65	814.41	820.65	141.5	60.4	133.1
56.79	30.67	813.56	819.82	139.1	60.4	130.7
56.83	30.7	812.59	818.86	108.7	57.8	100.6
56.86	30.72	811.81	818.09	115.9	54.3	108.3
56.89	30.74	811.03	817.33	102.2	58.7	94
56.92	30.76	810.26	816.56	32.3	56	24.5
56.95	30.78	809.41	815.73	129.2	71	119.2
56.99	30.8	808.57	814.9	41.1	55.8	33.3
57.02	30.83	807.73	814.06	146.5	103.4	132
57.05	30.85	806.88	813.23	67.2	58.9	59
57.08	30.87	806.04	812.4	81.5	56.7	73.5
57.12	30.89	805.19	811.57	115.3	55.1	107.5
57.15	30.91	804.35	810.73	71.8	49.8	64.8

57.18	30.94	803.5	809.9	73.1	54	65.5
57.23	30.97	802.27	808.68	105.1	68	95.6
57.26	30.99	801.42	807.85	128.3	56.3	120.5
57.29	31.01	800.64	807.08	47.3	53.1	39.9
57.32	31.03	799.86	806.31	79.9	56	72.1
57.35	31.05	799.08	805.54	139.4	58.9	131.1
57.38	31.07	798.3	804.77	99	53	91.6
57.41	31.09	797.52	804	84	49.5	77.1
57.44	31.11	796.74	803.23	85.9	61.4	77.3
57.47	31.13	795.96	802.46	92.9	59.1	84.6
57.5	31.15	795.18	801.69	99.9	58.7	91.7
57.53	31.18	794.4	800.92	73.2	59.3	64.9
57.56	31.2	793.55	800.09	83.5	59.5	75.1
57.6	31.22	792.51	799.06	51.3	56.8	43.4
57.64	31.25	791.53	798.09	106.7	59	98.4
57.69	31.29	790.16	796.74	73.4	53.6	65.9
57.72	31.3	789.45	796.04	92	58.1	83.8
57.75	31.33	788.67	795.27	51.6	55.8	43.8
57.78	31.35	787.88	794.49	90.6	66.5	81.3
57.81	31.37	787.1	793.72	57.9	54.8	50.3
57.84	31.39	786.32	792.95	68.1	55	60.4
57.87	31.41	785.54	792.18	86.9	60.7	78.4
57.9	31.43	784.69	791.34	55.6	54	48
57.94	31.45	783.84	790.51	69.9	51.3	62.7
57.97	31.47	783.06	789.73	49.8	48.8	43
58	31.49	782.27	788.96	65.9	49.7	58.9
58.03	31.51	781.49	788.19	70.3	54.5	62.7
58.06	31.53	780.71	787.42	78.3	58.4	70.1
58.09	31.55	779.92	786.64	112.9	56.7	105
58.12	31.57	779.14	785.87	106.8	50	99.8
58.15	31.59	778.35	785.1	62.4	47.7	55.8
58.18	31.62	777.57	784.32	48.6	49	41.7
58.21	31.64	776.79	783.55	151.9	55.3	144.1
58.24	31.66	776	782.78	76.9	55.2	69.1
58.27	31.68	775.22	782	79.4	49.4	72.5
58.3	31.7	774.43	781.23	63.9	49.5	57
58.33	31.72	773.65	780.46	100.3	49.7	93.4
58.36	31.74	772.86	779.68	101.4	49	94.5
58.39	31.76	772.08	778.91	74.7	47.9	68
58.42	31.78	771.29	778.13	43	47.3	36.4
58.44	31.8	770.64	777.49	114.5	54.7	106.9
58.48	31.82	769.72	776.58	103.8	55.3	96.1
58.51	31.84	768.94	775.81	42	40.1	36.4
58.54	31.86	768.08	774.97	87.6	35.6	82.6
58.57	31.89	767.23	774.13	85.5	35.5	80.5
58.6	31.91	766.45	773.35	47.7	36.6	42.6
58.65	31.94	765.14	772.06	121.4	49.8	114.5
58.68	31.96	764.35	771.29	138.5	52.2	131.2
58.71	31.98	763.56	770.51	118	51.6	110.8
58.74	32	762.78	769.74	94.3	46.4	87.8
58.77	32.02	761.99	768.96	99.3	48.9	92.5
58.8	32.04	761.2	768.18	59	50.3	51.9
58.83	32.06	760.42	767.41	106.8	50.4	99.7
58.86	32.08	759.63	766.63	71.2	48.7	64.4

58.89	32.11	758.84	765.86	61.4	49.5	54.5
58.92	32.13	758.05	765.08	63.3	47.1	56.7
58.95	32.15	757.27	764.3	58	49.3	51.1
58.98	32.17	756.48	763.52	113.4	50.2	106.3
59.01	32.19	755.69	762.75	66.2	48	59.4
59.04	32.21	754.9	761.97	82.9	49.9	76
59.07	32.23	754.12	761.19	73	46.8	66.5
59.1	32.25	753.26	760.35	64.3	37.2	59.1
59.14	32.27	752.41	759.51	166.4	48.4	159.7
59.17	32.29	751.62	758.73	146.4	51.5	139.2
59.2	32.32	750.76	757.89	86	46.7	79.5
59.23	32.34	749.91	757.05	137	46.8	130.4
59.26	32.36	749.12	756.27	105.7	41	99.9
59.29	32.38	748.27	755.43	104.5	42.7	98.5
59.33	32.4	747.41	754.58	97.8	35.5	92.9
59.36	32.43	746.56	753.74	87.8	39	82.4
59.4	32.45	745.57	752.77	50.4	42.5	44.4
59.43	32.47	744.78	751.99	125.6	41.7	119.8
59.46	32.49	743.99	751.21	93.3	50.4	86.3
59.49	32.51	743.2	750.43	127.8	49.1	121
59.52	32.54	742.34	749.58	60.5	46.9	53.9
59.56	32.56	741.36	748.61	97.1	45.5	90.7
59.59	32.58	740.57	747.83	90.9	46.7	84.3
59.62	32.6	739.77	747.05	77.3	45.5	70.9
59.65	32.63	738.98	746.27	68.4	45.5	62
59.68	32.65	738.19	745.49	80.2	44	74
59.71	32.67	737.4	744.71	39.4	45.4	33.1
59.74	32.69	736.61	743.93	95.9	48.5	89.1
59.77	32.71	735.82	743.15	65.7	49.4	58.8
59.8	32.73	735.03	742.37	69.9	47.2	63.3
59.83	32.75	734.24	741.59	70.9	46.3	64.5
59.86	32.77	733.45	740.81	61	44.3	54.8
59.89	32.79	732.65	740.03	72.3	46.8	65.7
59.92	32.81	731.86	739.25	82.3	51.6	75
59.96	32.84	730.81	738.21	57.3	44.9	51
59.99	32.86	730.01	737.43	83.5	44.6	77.2
60.02	32.88	729.22	736.64	114.1	63.5	105.2
60.05	32.9	728.43	735.86	75.4	44.6	69.1
60.09	32.93	727.37	734.82	85.9	40	80.3
60.12	32.95	726.58	734.04	87.9	35.8	82.9
60.15	32.97	725.72	733.19	81	36.7	75.9
60.18	32.99	724.86	732.35	110.6	40.5	104.9
60.21	33.02	724	731.5	88.5	41.8	82.7
60.25	33.04	723.14	730.65	86.8	40.7	81.1
60.28	33.06	722.28	729.8	119.4	51.1	112.3
60.31	33.08	721.42	728.95	132	60.7	123.5
60.34	33.11	720.63	728.17	135.7	58.6	127.5
60.38	33.13	719.64	727.19	90.6	48.3	83.9
60.41	33.15	718.91	726.48	107	55.1	99.3
60.44	33.17	718.12	725.69	92.2	41.5	86.4
60.47	33.19	717.26	724.84	138.5	40.2	132.8
60.5	33.22	716.4	724	115.7	40.6	110
60.53	33.24	715.6	723.21	135.5	41.5	129.7
60.56	33.26	714.81	722.43	107	38.9	101.5

60.59	33.28	714.01	721.64	48.3	39.6	42.8
60.62	33.3	713.22	720.86	60.3	36.6	55.2
60.65	33.32	712.36	720.01	85.6	41.5	79.8
60.69	33.34	711.49	719.16	64.5	44	58.4
60.72	33.37	710.7	718.38	66.5	46.8	59.9
60.75	33.39	709.9	717.59	81.1	49.5	74.2
60.78	33.41	709.11	716.81	99.6	51.7	92.4
60.81	33.43	708.31	716.02	61.9	47	55.3
60.84	33.45	707.52	715.24	122.9	53.1	115.4
60.88	33.48	706.46	714.19	93.8	59.1	85.6
60.91	33.5	705.59	713.34	69	56.6	61.1
60.94	33.52	704.73	712.49	42.5	51.1	35.4
60.97	33.54	703.87	711.64	99.8	66.7	90.5
61.01	33.57	703	710.79	59.2	52.6	51.8
61.04	33.59	702.21	710	60.5	55	52.8
61.07	33.61	701.41	709.22	109	53.5	101.5
61.1	33.63	700.41	708.23	104.6	53.5	97.1
61.14	33.66	699.55	707.38	109.8	49.5	102.8
61.17	33.68	698.75	706.6	83.3	51.2	76.1
61.19	33.7	698.02	705.88	57.5	51.5	50.3
61.24	33.73	696.89	704.76	92.9	56.4	85
61.27	33.75	696.1	703.98	24.5	49.5	17.6
61.3	33.77	695.3	703.19	106	54.9	98.3
61.33	33.79	694.43	702.34	55	51.9	47.7
61.36	33.81	693.57	701.48	70.1	49.7	63.1
61.39	33.83	692.77	700.7	81.1	47.7	74.4
61.42	33.86	691.91	699.84	122.6	46.3	116.1
61.46	33.88	691.04	698.99	123.4	50.9	116.3
61.49	33.9	690.24	698.2	148.5	50.3	141.5
61.52	33.92	689.38	697.35	133.3	41.7	127.5
61.55	33.95	688.51	696.5	223.8	36.3	218.7
61.58	33.97	687.71	695.71	176.4	41.3	170.6
61.61	33.99	686.85	694.85	190.3	45.8	183.9
61.65	34.01	685.98	694	280.3	42	274.4
61.68	34.03	685.15	693.23	187.9	42.1	182
61.71	34.05	684.31	692.45	156.8	53.5	149.3
61.74	34.08	683.41	691.61	100.5	57.2	92.5
61.77	34.1	682.44	690.71	89.1	48.8	82.2
61.81	34.13	681.47	689.81	70.1	48.8	63.3
61.85	34.15	680.43	688.84	64.9	50.6	57.9
61.88	34.17	679.59	688.06	87.9	57	79.9
61.91	34.19	678.76	687.29	63.9	59.6	55.5
61.94	34.21	677.93	686.51	56.7	57.3	48.7
61.97	34.24	677.09	685.74	40.3	50.3	33.2
62	34.26	676.26	684.96	97.7	52	90.4
62.03	34.28	675.42	684.19	86	47.2	79.4
62.05	34.3	674.66	683.48	46.8	46.5	40.3
62.08	34.32	673.83	682.7	98.4	48.5	91.6
62.11	34.34	673.06	681.99	108.2	51	101.1
62.14	34.36	672.23	681.21	69	44.6	62.7
62.17	34.38	671.39	680.44	142.3	58.9	134.1
62.2	34.4	670.56	679.66	46.7	52.8	39.3
62.23	34.42	669.72	678.89	132.2	66.5	122.9
62.26	34.44	668.96	678.18	76.8	47.8	70.1

62.28	34.46	668.26	677.53	101.4	63.9	92.5
62.33	34.49	667.08	676.43	44.4	52.6	37
62.36	34.51	666.24	675.65	96.2	58	88.1
62.39	34.53	665.41	674.87	85.5	53.3	78.1
62.42	34.55	664.5	674.03	105.2	49.9	98.2
62.45	34.57	663.59	673.19	76.1	46.6	69.6
62.48	34.6	662.76	672.41	94.5	44.8	88.2
62.51	34.62	661.92	671.64	77.5	41.3	71.7
62.54	34.64	661.02	670.79	112.9	43.8	106.8
62.58	34.66	660.11	669.95	93.2	42.3	87.3
62.61	34.68	659.27	669.17	89.5	46.3	83
62.64	34.7	658.44	668.4	154.1	47.7	147.4
62.67	34.73	657.53	667.55	82.1	48.9	75.2
62.7	34.75	656.62	666.71	113.8	53.2	106.3
62.73	34.77	655.79	665.93	54.8	55.4	47
62.76	34.79	654.95	665.15	136.9	64.1	127.9
62.79	34.81	654.11	664.38	102.7	81.9	91.2
62.82	34.83	653.27	663.6	106.7	56.2	98.9
62.85	34.86	652.44	662.82	147.2	54.2	139.6
62.89	34.88	651.46	661.91	146.3	64.9	137.2
62.92	34.9	650.62	661.13	59.8	56.1	51.9
62.96	34.93	649.36	659.96	104.1	66.3	94.8
62.99	34.95	648.52	659.18	84.5	56.9	76.6
63.02	34.97	647.69	658.4	63.8	60.3	55.4
63.05	35	646.78	657.56	54.7	48.3	48
63.09	35.02	645.87	656.71	127.3	57.7	119.3
63.12	35.04	645.03	655.93	100.5	45.7	94.1
63.15	35.06	644.12	655.09	108.5	44.8	102.2
63.18	35.09	643.21	654.24	116.7	45.7	110.3
63.21	35.11	642.37	653.46	102.8	48.1	96.1
63.24	35.13	641.53	652.68	112.8	40.4	107.1
63.27	35.15	640.69	651.9	136.9	48.3	130.1
63.3	35.17	639.85	651.12	98.1	59.1	89.8
63.33	35.19	639.01	650.34	116.3	45.4	109.9
63.36	35.21	638.17	649.56	95.1	43.3	89.1
63.39	35.23	637.33	648.78	43.3	44	37.2
63.42	35.26	636.49	648	52.6	45.5	46.2
63.45	35.28	635.65	647.22	87.7	46.7	81.1
63.48	35.3	634.81	646.44	109.5	49.6	102.6
63.51	35.32	633.97	645.66	127	51.6	119.8
63.54	35.34	633.13	644.87	138.8	51.4	131.6
63.57	35.36	632.22	644.03	127.2	51.6	120
63.61	35.39	631.31	643.18	54.4	51.6	47.2
63.64	35.41	630.47	642.4	94	56.2	86.1
63.67	35.43	629.56	641.55	112.5	57.9	104.4
63.7	35.45	628.65	640.7	35.4	50.2	28.4
63.73	35.47	627.8	639.92	63.3	51.3	56.2
63.76	35.5	626.96	639.14	72	53.4	64.5
63.79	35.52	626.05	638.29	90.3	52.6	82.9
63.83	35.54	625	637.31	52.3	51.4	45.1
63.86	35.57	624.16	636.53	52.3	57.1	44.3
63.89	35.59	623.31	635.75	92.5	60.4	84.1
63.92	35.61	622.4	634.9	75	46.8	68.5
63.96	35.63	621.49	634.05	70.8	41.3	65

63.99	35.65	620.65	633.27	76.6	37.5	71.4
64.02	35.68	619.73	632.42	99.1	34	94.3
64.05	35.7	618.82	631.57	111.8	46.1	105.3
64.08	35.72	617.98	630.79	98.1	42.6	92.1
64.11	35.74	617.06	629.94	90.5	46	84
64.15	35.77	616.15	629.09	94.2	46.8	87.6
64.18	35.79	615.31	628.3	98.3	41.1	92.5
64.21	35.81	614.39	627.45	74.2	39.1	68.8
64.24	35.83	613.48	626.6	145.9	37	140.7
64.27	35.86	612.63	625.82	156.6	38.4	151.2
64.3	35.88	611.79	625.03	131.5	37.4	126.3
64.33	35.9	610.88	624.18	132.3	38.3	127
64.37	35.92	609.96	623.33	118.4	36.4	113.3
64.4	35.94	609.12	622.55	118	35.6	113
64.43	35.96	608.27	621.76	97	35.4	92.1
64.46	35.99	607.43	620.98	101.8	41.1	96.1
64.49	36.01	606.58	620.19	89.2	43.6	83.1
64.52	36.03	605.6	619.28	77.7	42.3	71.7
64.56	36.06	604.61	618.36	64	43.3	58
64.59	36.08	603.77	617.57	104.2	43.6	98.1
64.62	36.1	602.92	616.79	73.7	44.3	67.5
64.65	36.12	602.07	616	95.5	36.3	90.4
64.68	36.14	601.16	615.15	67.7	34.4	62.9
64.71	36.17	600.24	614.3	64.7	51	57.5
64.74	36.19	599.4	613.51	85.2	47.7	78.6
64.77	36.21	598.55	612.73	52	56.1	44.2
64.8	36.23	597.7	611.94	72.7	58.5	64.5
64.83	36.25	596.86	611.15	96.5	58.5	88.3
64.86	36.27	596.01	610.37	65.6	47.4	58.9
64.89	36.29	595.16	609.58	55	46.7	48.4
64.92	36.32	594.25	608.73	103.3	48.2	96.6
64.96	36.34	593.33	607.87	140.7	47.3	134.1
64.99	36.36	592.48	607.09	110.4	43.8	104.2
65.02	36.38	591.64	606.3	64.5	46.8	57.9
65.05	36.4	590.79	605.51	70.5	56.6	62.5
65.08	36.43	589.94	604.72	158.9	112.5	143.2
65.11	36.45	589.09	603.94	75.9	63.1	67.1
65.14	36.47	588.18	603.08	117	62.9	108.1
65.17	36.49	587.19	602.16	72.8	47.2	66.2
65.21	36.52	586.2	601.24	95.7	42.8	89.7
65.25	36.55	585.14	600.26	45.4	42.9	39.4
65.28	36.57	584.08	599.27	89.5	53.7	82
65.32	36.6	583.16	598.42	128.2	64.7	119.1
65.35	36.62	582.24	597.56	145.1	81.6	133.7
65.38	36.64	581.32	596.71	132.8	68.2	123.2
65.41	36.67	580.4	595.85	211.9	52.8	204.5
65.45	36.69	579.48	595	309.6	43	303.5
65.48	36.71	578.53	594.27	269.3	59.2	261
65.51	36.73	577.58	593.55	186	67.8	176.5
65.54	36.76	576.63	592.82	136.7	66.5	127.4
65.58	36.78	575.68	592.1	130.8	80.1	119.6
65.61	36.8	574.8	591.43	137.1	77.7	126.2
65.64	36.82	573.93	590.76	151.6	88.8	139.1
65.67	36.84	573.05	590.08	81.9	117	65.5

65.7	36.87	572.17	589.41	64.2	64.1	55.2
65.73	36.89	571.29	588.74	65.9	92.3	53
65.76	36.91	570.42	588.07	181.1	124.6	163.7
65.79	36.93	569.54	587.4	55.2	87.3	42.9
65.82	36.95	568.66	586.73	112.6	77.4	101.7
65.85	36.97	567.78	586.06	79.9	45.4	73.6
65.88	36.99	566.9	585.39	84.6	158.6	62.4
65.91	37.02	566.03	584.72	95.5	94	82.4
65.94	37.04	565.15	584.04	84.1	51.5	76.9
65.98	37.07	563.98	583.15	96.3	49.7	89.4
66.01	37.09	563.1	582.48	74.1	62.2	65.4
66.04	37.11	562.22	581.81	151.8	96.6	138.3
66.07	37.13	561.34	581.13	69.7	71.8	59.6
66.1	37.15	560.46	580.46	55	51.9	47.7
66.13	37.17	559.58	579.79	48	74.8	37.5
66.16	37.19	558.7	579.12	85.9	77.3	75.1
66.19	37.22	557.75	578.39	72.7	62.2	64
66.22	37.24	556.8	577.66	92.3	101.5	78.1
66.25	37.26	555.84	576.93	104.7	106.7	89.7
66.29	37.29	554.82	576.15	61.9	79.1	50.8
66.32	37.31	553.86	575.42	84.6	47.1	78
66.35	37.34	552.91	574.69	103.9	57.4	95.9
66.39	37.36	551.96	573.96	103.3	89.4	90.8
66.42	37.38	551.07	573.29	81.3	46.6	74.8
66.45	37.4	550.19	572.61	109.3	47.3	102.7
66.48	37.42	549.24	571.88	138.1	47	131.5
66.51	37.45	548.29	571.15	123.1	45.1	116.8
66.54	37.47	547.4	570.48	132.3	54.9	124.6
66.57	37.49	546.52	569.81	151.2	60.2	142.8
66.6	37.51	545.64	569.13	144.8	63.7	135.9
66.63	37.54	544.69	568.4	165.2	77.5	154.3
66.67	37.56	543.73	567.67	222.7	49.6	215.8
66.7	37.58	542.85	567	286.5	48.7	279.7
66.73	37.6	541.98	565.96	193.4	66.7	184.1
66.76	37.62	541.1	564.92	199.9	56.6	192
66.79	37.64	540.23	563.89	165.4	61.3	156.9
66.82	37.67	539.36	562.85	137.2	53.3	129.8
66.85	37.69	538.41	561.72	110.5	65.1	101.4
66.88	37.71	537.47	560.6	94.1	52.9	86.7
66.91	37.73	536.59	559.56	40.6	48.1	33.9
66.94	37.76	535.72	558.52	89.2	80.2	78
66.97	37.78	534.85	557.48	81.8	55.5	74
67	37.8	533.97	556.44	54.4	58.9	46.1
67.03	37.82	533.1	555.4	45.1	23.9	41.7
67.06	37.84	532.22	554.36	153.3	42.8	147.3
67.09	37.86	531.35	553.32	94.9	34.9	90
67.12	37.88	530.47	552.28	112.3	48.8	105.5
67.15	37.91	529.6	551.24	87.8	57.2	79.8
67.18	37.93	528.72	550.2	142.6	44.2	136.4
67.21	37.95	527.85	549.16	106.5	41.7	100.7
67.24	37.97	526.98	548.12	71	33.9	66.3
67.27	37.99	526.1	547.08	66.6	52.5	59.3
67.3	38.01	525.22	546.04	58.7	75.5	48.1
67.33	38.04	524.35	545	83.8	52.7	76.4

67.36	38.06	523.47	543.95	50.3	52.3	42.9
67.39	38.08	522.53	542.83	99.7	58.6	91.5
67.43	38.1	521.58	541.7	109.3	50.7	102.3
67.46	38.12	520.7	540.66	80.6	44.9	74.3
67.49	38.15	519.83	539.61	61.2	47	54.7
67.52	38.17	518.95	538.57	81.8	55.1	74.1
67.55	38.19	518.07	537.53	117.4	63.2	108.5
67.58	38.21	517.2	536.49	136.1	57.9	128
67.61	38.23	516.25	535.36	89.6	64.9	80.5
67.64	38.26	515.3	534.23	87.8	59.1	79.5
67.67	38.28	514.42	533.19	61.1	61.6	52.5
67.7	38.3	513.54	532.14	134.9	62.2	126.2
67.73	38.32	512.67	531.1	34.3	63.1	25.5
67.76	38.34	511.79	530.06	86.7	60.1	78.3
67.79	38.37	510.91	529.01	91.8	48.3	85
67.82	38.39	510.03	527.97	119.4	58.7	111.2
67.85	38.41	509.16	526.93	64.6	54.9	56.9
67.88	38.43	508.28	525.88	96.2	50.2	89.2
67.91	38.45	507.4	524.84	110	54.1	102.4
67.94	38.48	506.45	523.71	95.1	72.7	85
67.98	38.5	505.5	522.58	112.5	53.1	105.1
68.01	38.52	504.62	521.53	65.6	47.5	59
68.04	38.54	503.74	520.49	85.2	48.9	78.4
68.07	38.57	502.79	519.35	84.4	62.8	75.6
68.1	38.59	501.84	518.22	88.7	47.9	82
68.13	38.61	500.96	517.18	130.8	45.9	124.4
68.16	38.63	500.08	516.13	127	42.2	121.1
68.19	38.66	499.13	515	146	38	140.7
68.23	38.68	498.26	514.15	113.7	37.6	108.5
68.26	38.7	497.46	513.37	149	42.6	143
68.29	38.72	496.65	512.58	103.3	45	97
68.32	38.74	495.85	511.8	113	43.9	106.8
68.35	38.77	495.05	511.01	147.1	43.8	140.9
68.38	38.79	494.24	510.23	127	54.4	119.4
68.41	38.81	493.44	509.45	49.1	53.8	41.5
68.44	38.83	492.63	508.66	78.7	48.1	72
68.47	38.85	491.83	507.88	102.1	48.7	95.3
68.5	38.88	490.96	507.03	110.9	44.2	104.7
68.53	38.9	490.09	506.18	101.2	45.4	94.9
68.56	38.92	489.22	505.33	73.4	46.5	66.8
68.6	38.95	488.34	504.48	88.7	48.4	81.9
68.63	38.97	487.54	503.69	109.6	70.4	99.8
68.66	38.99	486.67	502.84	65.8	57.7	57.7
68.69	39.01	485.8	501.99	92.7	53.9	85.2
68.72	39.04	484.99	501.2	68.8	47.7	62.1
68.75	39.06	484.19	500.42	47.7	47	41.2
68.78	39.08	483.31	499.57	115	53	107.6
68.82	39.1	482.44	498.71	80.9	56	73
68.85	39.13	481.64	497.93	68.5	51.8	61.2
68.88	39.15	480.76	497.08	107.7	60.6	99.3
68.91	39.18	479.82	496.16	51.9	64.8	42.9
68.95	39.2	478.95	495.31	60.8	57.6	52.8
68.98	39.22	478.14	494.52	79.3	47.3	72.6
69.01	39.24	477.34	493.73	92.1	60.3	83.7

69.04	39.26	476.53	492.95	56.3	50.4	49.2
69.07	39.29	475.73	492.16	62.6	53.9	55
69.1	39.31	474.92	491.37	89.4	68.5	79.8
69.13	39.33	474.11	490.59	110.8	78.5	99.8
69.16	39.35	473.31	489.8	100.7	56.5	92.8
69.19	39.37	472.5	489.01	97.3	70.5	87.4
69.22	39.4	471.62	488.16	94.9	51.5	87.6
69.25	39.42	470.75	487.3	115	42.6	109
69.28	39.44	469.94	486.52	99.1	62	90.4
69.31	39.46	469.14	485.73	119.1	46.1	112.7
69.34	39.49	468.26	484.88	114.6	46.2	108.1
69.38	39.51	467.39	484.02	85.3	40.9	79.6
69.41	39.53	466.58	483.23	79.4	41.4	73.6
69.44	39.55	465.77	482.45	139.9	39	134.4
69.47	39.58	464.96	481.66	75.6	38.8	70.2
69.5	39.6	464.15	480.87	152.7	45.4	146.3
69.53	39.62	463.28	480.01	91.6	47.5	85
69.56	39.65	462.34	479.09	70.1	44.5	63.9
69.6	39.67	461.46	478.24	122	60.9	113.5
69.63	39.69	460.65	477.45	69.7	49	62.9
69.66	39.71	459.78	476.6	77.7	49.1	70.9
69.69	39.74	458.83	475.68	94.5	60.8	86
69.73	39.76	457.96	474.82	83.2	45.6	76.9
69.76	39.79	457.15	474.03	62.5	45.9	56.1
69.79	39.81	456.34	473.24	86.6	45.1	80.3
69.82	39.83	455.53	472.45	55.7	42	49.8
69.85	39.85	454.72	471.66	60.8	43.5	54.7
69.88	39.87	453.91	470.87	71.8	41.7	65.9
69.91	39.89	453.1	470.08	33.6	51.5	26.4
69.94	39.92	452.29	469.29	91.1	51.6	83.9
69.97	39.94	451.48	468.5	48.5	45.3	42.2
70	39.96	450.67	467.71	66.7	43.6	60.6
70.03	39.98	449.86	466.92	86	41.4	80.2
70.06	40	449.05	466.13	66.9	47.1	60.4
70.09	40.03	448.24	465.34	125.9	65.8	116.7
70.12	40.05	447.43	464.55	93.8	54.4	86.1
70.15	40.07	446.62	463.76	92.3	44.4	86.1
70.18	40.09	445.74	462.9	67.6	51.8	60.3
70.21	40.12	444.8	461.98	94.4	53.8	86.9
70.25	40.14	443.85	461.06	126.6	45.7	120.2
70.29	40.17	442.77	460	211.7	48.7	204.9
70.33	40.2	441.66	458.98	164.7	50.6	157.6
70.36	40.22	440.77	458.17	105.2	44.8	99
70.39	40.24	439.88	457.36	59.1	49.2	52.2
70.42	40.27	438.99	456.54	36.8	46.3	30.3
70.45	40.29	438.1	455.73	90.8	57.4	82.8
70.48	40.31	437.21	454.92	48.7	49.4	41.8
70.51	40.33	436.32	454.1	97.5	46.9	91
70.54	40.35	435.35	453.22	41.1	46.5	34.6
70.57	40.38	434.31	452.27	76.7	59.2	68.4
70.61	40.41	433.27	451.32	54.6	48.7	47.7
70.64	40.43	432.23	450.37	60.6	50	53.6
70.68	40.46	431.27	449.49	69.4	39.5	63.9
70.71	40.48	430.38	448.67	64	39.3	58.5

70.74	40.5	429.41	447.79	76.4	45.3	70
70.77	40.52	428.45	446.91	95.9	50.8	88.8
70.8	40.55	427.55	446.09	87.9	50.7	80.8
70.83	40.57	426.66	445.28	38.7	48.3	31.9
70.86	40.59	425.77	444.46	66.7	50.4	59.6
70.89	40.61	424.88	443.65	73.1	56.2	65.2
70.92	40.63	423.99	442.83	134.9	59.5	126.6
70.95	40.66	423.09	442.02	105.2	48.4	98.4
70.98	40.68	422.13	441.13	77.2	45.9	70.8
71.02	40.7	421.16	440.25	53.3	41.9	47.4
71.05	40.73	420.27	439.44	63.6	45.5	57.2
71.08	40.75	419.38	438.62	54.1	44	48
71.1	40.77	418.52	437.84	88.3	44.3	82.1
71.13	40.79	417.7	437.09	72.9	47.3	66.3
71.16	40.81	416.85	436.31	57.7	36.4	52.6
71.19	40.83	415.88	435.42	93.1	43.6	87
71.23	40.86	414.84	434.47	74.6	69.4	64.9
71.26	40.88	413.87	433.59	135.3	44.3	129.1
71.29	40.9	412.97	432.77	60.5	44.9	54.2
71.32	40.93	412.01	431.88	60.6	44.7	54.4
71.36	40.95	411.04	431	84.5	42.8	78.5
71.39	40.97	410.14	430.18	88	44.8	81.7
71.42	41	409.25	429.36	105.6	49.3	98.7
71.45	41.02	408.35	428.55	78.7	43.1	72.6
71.48	41.04	407.46	427.73	107.6	46	101.1
71.51	41.06	406.57	426.91	100.1	48.2	93.3
71.54	41.09	405.6	426.03	92.6	45.5	86.2
71.57	41.11	404.63	425.14	89.6	46	83.2
71.6	41.13	403.73	424.32	98.3	57.3	90.3
71.63	41.15	402.76	423.44	89.6	57.8	81.5
71.67	41.18	401.79	422.55	97	63.3	88.1
71.7	41.2	400.9	421.73	102.3	54.7	94.7
71.73	41.22	400	420.91	94.6	58.7	86.4
71.76	41.24	399.11	420.1	98.3	52.1	91
71.79	41.27	398.14	419.21	140.7	56.7	132.8
71.82	41.29	397.17	418.32	63.2	48.1	56.5
71.85	41.31	396.27	417.5	94.3	36.9	89.1
71.88	41.34	395.3	416.62	196.6	44.7	190.3
71.93	41.37	394.19	415.46	126	29.3	121.9
71.96	41.39	393.33	414.57	142.5	27.5	138.7
71.99	41.42	392.48	413.68	104.7	28.2	100.7
72.02	41.44	391.69	412.86	57.7	37.7	52.4
72.05	41.46	390.91	412.04	133.2	57.3	125.2
72.08	41.48	390.05	411.15	50.7	46.5	44.2
72.12	41.51	389.2	410.27	103.7	43.5	97.7
72.15	41.53	388.41	409.45	88	40.4	82.4
72.18	41.55	387.56	408.56	117	41	111.3
72.21	41.58	386.71	407.67	105	37.2	99.8
72.24	41.6	385.92	406.85	51.9	34.2	47.1
72.27	41.62	385.06	405.96	86.9	34.2	82.2
72.31	41.65	384.21	405.07	63.1	32.7	58.5
72.34	41.67	383.42	404.25	51.3	29.7	47.2
72.37	41.69	382.63	403.43	64.4	30.2	60.2
72.4	41.71	381.85	402.61	51.8	33.8	47

72.43	41.74	381.06	401.79	105.8	37.1	100.6
72.46	41.76	380.27	400.97	55.4	33.4	50.7
72.49	41.78	379.48	400.15	53.5	35.8	48.5
72.52	41.8	378.63	399.26	62.8	37	57.6
72.55	41.83	377.77	398.37	104.9	43.8	98.8
72.58	41.85	376.92	397.48	35.2	32	30.7
72.62	41.88	376.06	396.59	31.9	33.4	27.2
72.65	41.9	375.27	395.77	39.4	32.1	34.9
72.68	41.92	374.48	394.94	80.9	35.1	76
72.71	41.94	373.69	394.12	77.4	44.3	71.2
72.75	41.97	372.64	393.03	140.6	63.7	131.7
72.78	41.99	371.85	392.2	75.1	42.2	69.2
72.81	42.02	371.06	391.38	71.6	44.6	65.4
72.84	42.04	370.27	390.56	71.7	53.5	64.3
72.87	42.06	369.48	389.74	81.7	59.7	73.3
72.9	42.08	368.69	388.91	87	52.5	79.7
72.93	42.1	367.9	388.09	131.5	45.1	125.2
72.96	42.13	367.11	387.27	68	49.4	61.1
72.99	42.15	366.32	386.45	92.8	50.8	85.7
73.02	42.17	365.53	385.62	148.5	51.6	141.3
73.05	42.19	364.74	384.8	117.9	53.7	110.3
73.08	42.21	363.95	383.98	132.2	55.1	124.4
73.11	42.24	363.16	383.15	93.8	46.9	87.3
73.14	42.26	362.23	382.19	111.4	41.3	105.6
73.18	42.29	361.18	381.09	99.9	42.6	93.9
73.22	42.32	360.25	380.13	102.1	46.1	95.6
73.25	42.34	359.46	379.31	121.1	44.1	115
73.28	42.36	358.67	378.49	137.8	47.3	131.2
73.31	42.38	357.88	377.66	98.8	53.8	91.3
73.34	42.41	357.09	376.84	107.8	56.1	100
73.37	42.43	356.3	376.01	97.5	61	88.9
73.4	42.45	355.44	375.12	70.7	45	64.4
73.43	42.48	354.58	374.23	137.6	55.4	129.9
73.46	42.5	353.79	373.4	109.3	57.2	101.3
73.49	42.52	353	372.58	115.2	61.2	106.6
73.52	42.54	352.2	371.75	49	50.4	42
73.55	42.56	351.41	370.93	28.2	40.9	22.5
73.58	42.59	350.55	370.03	38.5	45	32.2
73.62	42.61	349.69	369.14	73.2	52.6	65.8
73.65	42.64	348.9	368.31	39.6	53.2	32.2
73.68	42.66	348.11	367.49	57.5	52.8	50.1
73.71	42.68	347.32	366.66	77.1	56.7	69.2
73.74	42.7	346.52	365.84	67.5	55.5	59.7
73.77	42.72	345.73	365.01	74.7	53	67.3
73.8	42.75	344.94	364.19	69.6	55.6	61.8
73.83	42.77	344.14	363.36	124.7	51.4	117.5
73.86	42.79	343.35	362.53	104.1	44.8	97.8
73.89	42.81	342.56	361.71	106.3	42.4	100.4
73.92	42.83	341.76	360.88	149.4	45.9	143
73.94	42.86	341.03	360.12	108.6	48.5	101.8
73.97	42.87	340.34	359.4	72.3	53	64.9
74	42.89	339.61	358.64	137.7	68.4	128.1
74.03	42.92	338.78	357.78	27.4	33.2	22.7
74.06	42.94	337.92	356.89	106.8	56.3	98.9

74.09	42.96	337.13	356.06	65	49.1	58.1
74.12	42.99	336.27	355.16	98.4	50.9	91.3
74.16	43.01	335.41	354.27	91.8	68.7	82.2
74.19	43.04	334.55	353.37	137.6	66.5	128.3
74.22	43.06	333.69	352.47	103.7	59.3	95.4
74.25	43.08	332.89	351.65	70.7	62.2	62
74.28	43.11	332.03	350.75	73.7	52.3	66.3
74.32	43.13	331.17	349.85	57.3	56.3	49.4
74.35	43.15	330.37	349.03	98.4	53	91
74.38	43.18	329.58	348.2	79.4	60.3	71
74.41	43.2	328.78	347.37	86.8	57.1	78.8
74.44	43.22	327.99	346.54	114.3	59.6	106
74.47	43.24	327.19	345.71	121.7	67.2	112.3
74.5	43.26	326.4	344.89	93.7	64.3	84.7
74.53	43.29	325.6	344.06	80.3	56.3	72.4
74.56	43.31	324.8	343.23	77.5	54.5	69.9
74.59	43.33	324.01	342.4	103.6	58.2	95.5
74.62	43.35	323.21	341.57	65	55.5	57.2
74.65	43.38	322.42	340.74	65.5	55.9	57.7
74.68	43.4	321.62	339.91	110.8	59.8	102.5
74.71	43.42	320.82	339.08	61.6	59.3	53.3
74.74	43.44	319.96	338.19	72	51	64.9
74.77	43.47	319.1	337.29	80.5	50.8	73.4
74.8	43.49	318.3	336.46	86.4	52.2	79.1
74.83	43.51	317.5	335.63	151.7	51.1	144.5
74.86	43.54	316.71	334.8	162.6	51.8	155.3
74.89	43.56	315.84	333.9	163.4	64.8	154.3
74.93	43.58	314.98	333	221.5	79.8	210.4
74.96	43.61	314.06	332	39.6	67.9	30.1
74.99	43.63	313.14	331	34	48.7	27.2
75.02	43.65	312.22	330.01	74.8	54.8	67.1
75.05	43.67	311.22	328.93	71.3	52.9	63.9
75.08	43.7	310.22	327.84	65.1	51.9	57.9
75.11	43.72	309.3	326.85	74.7	54.9	67.1
75.14	43.74	308.37	325.85	69.5	54.1	61.9
75.17	43.77	307.45	324.85	36.7	47.2	30.1
75.2	43.79	306.45	323.77	97.9	48.3	91.2
75.24	43.81	305.45	322.69	89.8	51.2	82.7
75.27	43.84	304.53	321.69	99.5	62.7	90.7
75.3	43.86	303.61	320.69	104.3	56.1	96.4
75.33	43.88	302.61	319.61	103.1	58.3	95
75.36	43.91	301.61	318.52	103.6	64	94.6
75.39	43.93	300.69	317.52	84.3	59.7	76
75.42	43.95	299.76	316.52	71.5	57.2	63.5
75.45	43.98	298.76	315.44	125.4	51.1	118.2
75.49	44	297.58	314.16	82.7	56.2	74.9
75.53	44.03	296.35	312.82	59	59.3	50.7
75.56	44.06	295.38	311.77	101	63	92.2
75.59	44.08	294.61	310.94	126.6	73.2	116.4
75.61	44.1	293.84	310.11	117.5	64.6	108.5
75.64	44.11	293.07	309.27	105.6	60.5	97.1
75.66	44.13	292.3	308.44	91.5	58	83.4
75.69	44.15	291.53	307.61	77.4	63.1	68.6
75.71	44.17	290.76	306.77	94.5	60.7	86

75.74	44.19	289.99	305.94	88.1	60.8	79.6
75.76	44.21	289.21	305.1	108	71.6	98
75.79	44.23	288.44	304.27	105	68.5	95.4
75.81	44.24	287.67	303.43	65.7	52	58.4
75.84	44.26	286.9	302.6	62.4	54.4	54.8
75.86	44.28	286.13	301.77	93.8	56.1	85.9
75.89	44.3	285.36	300.93	107.7	51.8	100.4
75.91	44.32	284.59	300.1	145.1	53.3	137.6
75.94	44.34	283.82	299.26	71.4	59.2	63.2
75.97	44.36	282.97	298.34	90.8	50.3	83.8
75.99	44.38	282.12	297.42	184.6	51	177.5
76.02	44.4	281.35	296.59	145.1	51.3	137.9
76.04	44.42	280.58	295.75	182.3	43.4	176.3
76.07	44.43	279.81	294.92	250.2	53	242.8
76.1	44.45	278.96	294	265.5	38.9	260.1
76.12	44.48	278.22	293.29	256.3	40.7	250.6
76.15	44.49	277.55	292.64	177.7	46.3	171.2
76.17	44.51	276.87	291.99	85.7	47.1	79.1
76.2	44.53	276.2	291.34	97.2	45.3	90.9
76.23	44.55	275.46	290.63	111.9	43.7	105.7
76.26	44.57	274.65	289.85	97.3	43.5	91.2
76.28	44.6	273.91	289.14	96.4	38.6	91
76.31	44.61	273.23	288.49	132.6	42	126.7
76.34	44.63	272.49	287.78	59.6	46.3	53.2
76.36	44.65	271.75	287.07	51.7	40.3	46.1
76.39	44.67	271.08	286.42	51.3	39.2	45.8
76.41	44.69	270.4	285.77	64.5	41.1	58.7
76.44	44.71	269.66	285.06	71.9	41.8	66
76.47	44.73	268.92	284.34	49.1	43.5	43.1
76.49	44.75	268.25	283.69	67.3	41.6	61.5
76.52	44.77	267.57	283.05	91.6	46.8	85.1
76.55	44.79	266.83	282.33	80.7	40.4	75.1
76.58	44.81	266.02	281.55	60.2	41.4	54.4
76.6	44.83	265.28	280.84	77	48.5	70.2
76.63	44.85	264.6	280.19	87.4	49.5	80.5
76.66	44.87	263.86	279.48	60.8	44.2	54.6
76.68	44.89	263.12	278.76	51.3	43.7	45.2
76.71	44.91	262.44	278.11	56.6	42.2	50.7
76.74	44.93	261.7	277.4	83.7	47.6	77
76.77	44.96	260.89	276.62	80.4	51.8	73.2
76.79	44.98	260.15	275.9	86.8	52.7	79.4
76.82	45	259.47	275.26	89.1	52.6	81.7
76.85	45.02	258.73	274.54	56.1	51.6	48.9
76.87	45.04	257.99	273.83	94.5	54.6	86.9
76.9	45.06	257.31	273.18	103	51.2	95.9
76.93	45.08	256.57	272.46	105.5	51.4	98.3
76.95	45.1	255.82	271.75	97.2	49.5	90.3
76.98	45.12	255.15	271.1	105	53.4	97.6
77.01	45.14	254.41	270.38	106.1	52.1	98.8
77.03	45.16	253.66	269.67	143.7	56.8	135.7
77.06	45.18	252.99	269.02	132.6	49.6	125.7
77.08	45.19	252.31	268.37	206.8	49	200
77.11	45.21	251.63	267.72	256.2	46.7	249.6
77.14	45.23	250.89	267	305.3	47.2	298.7

77.17	45.26	249.99	266.02	289.9	42	284
77.19	45.28	249.3	265.26	278.4	41.4	272.6
77.22	45.3	248.61	264.51	215	65	205.9
77.24	45.31	247.92	263.75	137.6	49.7	130.6
77.27	45.33	247.23	263	101.5	55.4	93.7
77.29	45.35	246.54	262.24	77	50.7	69.9
77.32	45.37	245.85	261.49	66.2	53.2	58.7
77.34	45.39	245.16	260.73	96	57.4	88
77.37	45.41	244.47	259.98	132.7	59.1	124.4
77.39	45.43	243.78	259.22	59.6	52.5	52.3
77.42	45.45	243.09	258.47	104.9	47.4	98.2
77.45	45.47	242.33	257.63	122.3	51.8	115
77.48	45.49	241.51	256.73	117.8	47	111.3
77.51	45.51	240.68	255.82	122.5	48.1	115.8
77.54	45.53	239.85	254.91	92.2	51.3	85
77.56	45.55	239.09	254.08	100.6	57.3	92.6
77.59	45.57	238.4	253.32	67.5	52.5	60.1
77.62	45.59	237.64	252.49	78.9	53.4	71.5
77.64	45.61	236.88	251.66	103	53.7	95.4
77.67	45.63	236.12	250.83	116.4	47.9	109.7
77.7	45.66	235.36	250	72.7	46.6	66.2
77.72	45.67	234.67	249.24	119.2	48.6	112.4
77.75	45.7	233.91	248.41	129.5	49.9	122.5
77.78	45.72	233.15	247.57	184.6	55.6	176.8
77.81	45.74	232.39	246.74	79	47.5	72.4
77.83	45.76	231.63	245.91	138.4	50.7	131.3
77.86	45.78	230.93	245.15	123.3	49.7	116.4
77.88	45.79	230.24	244.4	106.4	50	99.4
77.91	45.81	229.55	243.64	79.6	51.6	72.4
77.94	45.83	228.79	242.8	99.9	53.4	92.5
77.97	45.86	227.82	241.74	66	63.3	57.2
78.01	45.89	226.85	240.68	93.2	48.9	86.4
78.04	45.91	226.02	239.77	82.4	52.6	75.1
78.07	45.93	225.19	238.87	112.7	50.4	105.6
78.09	45.95	224.43	238.03	97.2	52.1	89.9
78.12	45.97	223.74	237.27	173.2	54.2	165.6
78.14	45.99	223.04	236.52	133	52.1	125.7
78.17	46.01	222.35	235.76	107.2	46.5	100.7
78.19	46.03	221.66	235	176.7	52.5	169.3
78.22	46.05	220.91	234.22	162	57	154.1
78.25	46.07	220.16	233.43	125.7	55.6	117.9
78.27	46.09	219.48	232.72	116.7	56.9	108.7
78.3	46.11	218.8	232.01	108.4	59.4	100.1
78.32	46.13	218.12	231.29	108.3	58.5	100.1
78.35	46.14	217.43	230.58	135.4	60.9	126.9
78.38	46.17	216.68	229.8	106.9	62.5	98.2
78.4	46.19	215.93	229.01	114.4	64.1	105.4
78.43	46.21	215.25	228.3	135.4	65.6	126.2
78.45	46.22	214.57	227.59	119.1	63.4	110.3
78.48	46.24	213.89	226.87	93.6	58.9	85.4
78.5	46.26	213.21	226.16	111.6	55.1	103.9
78.53	46.28	212.52	225.45	109.3	49.1	102.4
78.57	46.31	211.5	224.38	82.2	47.4	75.5
78.59	46.33	210.75	223.59	50.7	46	44.2

78.62	46.35	210.07	222.88	94.7	51.4	87.5
78.64	46.37	209.38	222.16	115.7	55.2	108
78.67	46.39	208.7	221.45	132.9	64.6	123.8
78.7	46.41	207.95	220.67	97	58.7	88.8
78.73	46.43	207.13	219.81	160	52	152.7
78.75	46.45	206.38	219.02	93.9	47.5	87.3
78.78	46.47	205.7	218.31	95	48.1	88.3
78.8	46.49	205.01	217.59	133.3	57.6	125.3
78.83	46.51	204.33	216.88	110.3	51.8	103
78.85	46.53	203.65	216.17	140.7	49.2	133.8
78.88	46.54	202.96	215.45	96.1	46.7	89.6
78.9	46.56	202.28	214.74	58.7	45	52.4
78.93	46.58	201.53	213.95	48.3	47.7	41.6
78.96	46.61	200.78	213.17	93.4	49.3	86.4
78.98	46.62	200.09	212.45	91	52.5	83.7
79.01	46.64	199.41	211.74	143.6	57.2	135.6
79.04	46.66	198.66	210.95	95.3	53.9	87.7
79.06	46.68	197.91	210.16	86.9	50.3	79.9
79.09	46.7	197.22	209.45	73.7	45.9	67.3
79.11	46.72	196.54	208.73	129.2	47.9	122.5
79.14	46.74	195.79	207.95	85.3	48.7	78.5
79.17	46.76	195.03	207.16	65.2	42.4	59.3
79.19	46.78	194.35	206.44	74.4	43	68.4
79.22	46.8	193.66	205.73	42.5	47.5	35.8
79.25	46.82	192.91	204.94	100.5	49.6	93.6
79.27	46.84	192.16	204.15	130.2	52.6	122.9
79.3	46.86	191.48	203.44	79.7	65.4	70.6
79.32	46.88	190.79	202.72	98.3	52.3	91
79.35	46.9	190.11	202.01	220.5	55.7	212.7
79.38	46.92	189.35	201.22	118.6	50.3	111.6
79.4	46.94	188.6	200.43	187	35.8	182
79.43	46.96	187.91	199.72	243.6	32.8	239
79.45	46.98	187.23	199	279	36.7	273.8
79.48	47		198.2	177.2	43.3	171.1
79.5	47.02		197.37	147.4	46.4	140.9
79.54	47.05		196.26	145.7	50.4	138.6
79.57	47.07		195.34	119.6	51.1	112.5
79.59	47.09		194.55	99.4	52.9	92
79.62	47.1		193.75	163.9	63.6	155
79.64	47.12		192.95	125.7	60.4	117.3
79.67	47.14		192.16	106.5	48.2	99.7
79.69	47.16		191.36	73.4	51.3	66.2
79.72	47.18		190.57	95.8	49.4	88.9
79.74	47.2		189.77	87.9	49.2	81
79.77	47.22		188.98	67.9	49.7	61
79.79	47.24		188.18	112.5	60	104.1
79.82	47.26		187.38	158.9	69.9	149.1
79.85	47.28		186.51	85.3	59.3	77
79.87	47.3		185.63	75.7	82.3	64.2
79.9	47.32		184.75	69.3	51.9	62.1
79.93	47.34		183.88	55.4	49.4	48.5
79.96	47.36		183	104.1	55	96.4
79.98	47.38		182.13	128.1	56.7	120.1
80.01	47.4		181.33	159.5	56.7	151.6

80.03	47.42	180.53	200.8	52.5	193.5
80.06	47.44	179.73	68.6	51	61.4
80.08	47.46	178.94	76.1	50	69.1
80.11	47.48	178.14	119.9	53.1	112.5
80.13	47.5	177.34	118.7	58.9	110.4
80.16	47.51	176.55	67.7	59.4	59.4
80.19	47.54	175.67	49.6	55	41.9
80.21	47.56	174.79	78.2	56.4	70.3
80.24	47.58	173.99	93.7	54.3	86.1
80.26	47.59	173.2	89.3	52.8	81.9
80.29	47.61	172.4	106.3	54.8	98.7
80.31	47.63	171.6	176.6	50	169.6
80.34	47.65	170.75	148.1	50.5	141.1
80.36	47.67	169.9	162.5	55.8	154.6
80.39	47.69	168.96	132.4	58.1	124.3
80.42	47.72	167.86	61.1	59.4	52.8
80.45	47.74	166.92	76.9	56.1	69
80.48	47.76	165.99	100.7	52.5	93.4
80.51	47.78	165.05	101.5	61.3	92.9
80.53	47.8	164.11	96.4	52.2	89.1
80.56	47.82	163.18	100.4	56.2	92.6
80.59	47.84	162.24	80.9	47.1	74.4
80.62	47.86	161.31	65.9	44.6	59.7
80.65	47.89	160.11	68.6	55.4	60.8
80.68	47.91	159.09	116.4	51.6	109.1
80.71	47.93	158.16	66.4	56.8	58.5
80.74	47.95	157.22	112.6	58.2	104.4
80.77	47.98	156.2	93.3	54.6	85.7
80.8	48	155.17	100.8	52.9	93.4
80.82	48.02	154.24	172.1	69.8	162.3
80.85	48.04	153.3	203.7	46.2	197.3
80.88	48.06	152.38	193	41	187.2
80.91	48.08	151.45	148.5	39.4	143
80.93	48.1	150.53	182.6	42.4	176.6
80.96	48.12	149.61	145.3	38.5	139.9
80.99	48.15	148.68	121.5	42.1	115.6
81.01	48.16	147.84	160.4	48.8	153.5
81.04	48.18	147			
81.06	48.2	146.16	79.5	42.2	73.6
81.09	48.22	145.32	156.1	64.2	147.1
81.11	48.24	144.48	83.3	51.2	76.1
81.14	48.26	143.64	77.8	56.7	69.9
81.16	48.28	142.8	94.1	61.1	85.5
81.19	48.3	141.88	85.6	70.1	75.8
81.24	48.34	140.2	75.8	61	67.2
81.27	48.36	139.28	63.1	53.1	55.6
81.29	48.38	138.43	85.6	53.1	78.2
81.32	48.4	137.59	128.3	53.3	120.9
81.34	48.42	136.75	60.4	50.2	53.3
81.37	48.44	135.91	116.1	44.4	109.9
81.39	48.45	135.07	95.2	56	87.3
81.42	48.47	134.23	99.2	46.5	92.7
81.44	48.49	133.39	98.5	45.8	92.1
81.47	48.51	132.55	117.3	48.4	110.5

81.49	48.53	131.71	127.8	51	120.7
81.52	48.55	130.87	101.7	52.3	94.4
81.54	48.57	130.03	139.9	51.9	132.6
81.57	48.59	129.18	128.4	49.4	121.5
81.6	48.61	128.26	163.3	48.2	156.6
81.62	48.63	127.33	116.7	52.8	109.3
81.65	48.65	126.49	109.1	54.6	101.5
81.67	48.67	125.65	125.3	56.7	117.4
81.7	48.69	124.81	122.2	54.9	114.5
81.72	48.71	123.96	115.1	54.9	107.4
81.75	48.73	123.12	106	50.7	98.9
81.77	48.74	122.28	89.6	49.6	82.7
81.8	48.76	121.44	80.9	51.6	73.7
81.82	48.78	120.6	89.9	52.8	82.5
81.85	48.8	119.75	76.2	54.1	68.6
81.87	48.82	118.91	89.8	48.1	83.1
81.9	48.84	118.07	103.2	58.6	95
81.93	48.86	117.14	137.6	63.8	128.6
81.96	48.88	116.13	31.6	44.8	25.3
81.99	48.91	115.12	108.2	44.9	101.9
82.02	48.93	114.02	60.3	47.7	53.7
82.06	48.96	112.76	38.6	48.9	31.7
82.08	48.98	111.83	62.6	55.5	54.8
82.11	49	110.99	75.2	63.8	66.3
82.13	49.02	110.14	87.3	56.3	79.4
82.16	49.04	109.22	62.4	53.2	55
82.19	49.06	108.29	54.3	44.5	48.1
82.22	49.08	107.36	73.8	48.7	67
82.24	49.1	106.43	83.6	48.6	76.8
82.27	49.12	105.59	83.2	52.8	75.8
82.3	49.14	104.66	109	52.3	101.7
82.32	49.17	103.73	71.2	56.5	63.3
82.35	49.18	102.89	60.4	57.3	52.4
82.37	49.2	102.04	243.6	68.7	234
82.4	49.22	101.2	56.5	60.4	48
82.43	49.24	100.27	104.3	56.5	96.4
82.46	49.27	99.17	65.3	58.9	57.1
82.48	49.29	98.33	107.8	62	99.2
82.51	49.31	97.48	197.9	68.2	188.4
82.53	49.33	96.64	122.3	61.4	113.7
82.56	49.35	95.79	150.7	60.1	142.3
82.58	49.36	94.95	168.9	61.8	160.3
82.61	49.38	94.1	54.8	61	46.2
82.63	49.4	93.26	106.6	64.8	97.6
82.66	49.42	92.41	123	72.7	112.8
82.68	49.44	91.57	108.5	73	98.3
82.71	49.46	90.72	72.7	63.4	63.8
82.73	49.48	89.88	95.5	45.2	89.2
82.76	49.5	89.03	151.2	26.2	147.5
82.78	49.52	88.19	120.2	23.5	116.9
82.81	49.54	87.34	90.9	34.6	86
82.83	49.56	86.5	101.6	54	94.1
82.86	49.58	85.65	149.1	63.6	140.2
82.89	49.6	84.72	97.3	77.9	86.4

82.92	49.63	83.45	96.6	68.9	87
82.95	49.65	82.44	148.1	76.6	137.4
82.98	49.67	81.59	174	74.5	163.5
83	49.69	80.74	115.8	71.2	105.9
83.03	49.71	79.9	152.9	69.8	143.1
83.05	49.73	79.05	196.2	65.1	187.1
83.08	49.74	78.2	153.9	57.2	145.9
83.1	49.76	77.36	170.1	53.6	162.6
83.13	49.78	76.51	165.8	57.4	157.8
83.15	49.8	75.66	121.4	70.6	111.5
83.18	49.82	74.82	134.5	68.6	124.9
83.2	49.84	74.05	84.9	63.2	76.1
83.22	49.86	73.29	44.2	60.9	35.7
83.25	49.87	72.53	193.4	53.8	185.9
83.27	49.89	71.77	128.9	63.3	120.1
83.29	49.91	70.89	42.7	58.6	34.6
83.32	49.93	70.07	147.8	66.7	138.5
83.34	49.95	69.23	70.4	63.8	61.5
83.37	49.97	68.38	103	56.6	95.1
83.39	49.99	67.53	90	45.9	83.5
83.42	50.01	66.68	75.2	28.5	71.2
83.44	50.03	65.83	100.4	28.6	96.4
83.47	50.04	64.99	115.1	41.6	109.3
83.49	50.06	64.14	135.9	52.3	128.6
83.52	50.08	63.29	62.1	52.8	54.7
83.54	50.1	62.44	42.9	44.1	36.8
83.57	50.12	61.59	93.5	34.4	88.6
83.59	50.14	60.75	149.1	36.9	143.9
83.62	50.16	59.86	94.4	29.8	90.2
83.65	50.18	58.92	45.9	43	39.9
83.67	50.2	58.03	60	51.7	52.7
83.7	50.22	57.27	140.5	54.4	132.9
83.72	50.24	56.5	78.5	53.4	71
83.74	50.26	55.65	67.9	53.4	60.4
83.77	50.28	54.81	115.2	56.5	107.3
83.79	50.29	53.96	47.2	58.1	39
83.82	50.31	53.11	95.7	59.3	87.4
83.84	50.33	52.26	86	60.7	77.5
83.87	50.35	51.41	117.2	63.7	108.3
83.89	50.37	50.56	115.6	65.5	106.4
83.92	50.39	49.71	88.6	68.7	79
83.94	50.41	48.95	75	63.4	66.1
83.96	50.43	48.18	153.4	62.3	144.7
83.99	50.44	47.33	59.1	56.2	51.2
84.04	50.49	45.46	137.9	56.6	129.9
84.07	50.51	44.61	73.7	49.8	66.7
84.09	50.53	43.76	110.2	49.1	103.3
84.12	50.55	42.91	133.1	47.1	126.5
84.14	50.56	42.06	97.1	42.9	91.1
84.17	50.58	41.21	63	42.9	56.9
84.19	50.6	40.36	107.9	42.7	101.9
84.22	50.62	39.51	59.9	39.9	54.3
84.24	50.64	38.66	75.4	42.6	69.4
84.27	50.66	37.81	75.8	42	70

84.29	50.68	36.96	133.8	43.4	127.8
84.32	50.7	36.11	36.9	40.4	31.2
84.34	50.72	35.26	75.4	39.9	69.8
84.37	50.74	34.41	89.9	39.5	84.3
84.39	50.76	33.64	70.6	50.3	63.6
84.41	50.77	32.88	67.5	41.3	61.7
84.45	50.8	31.77	46.7	44.6	40.5
84.48	50.82	30.75	96.7	62.8	87.9
84.5	50.84	29.81	70.7	46.5	64.1
84.53	50.86	28.96	65.3	45.4	58.9
84.55	50.88	28.11	65.8	48.8	58.9
84.58	50.9	27.09	137.1	52.9	129.7
84.62	50.93	25.9	76.4	53.6	68.9
84.65	50.96	24.79	112.9	49.2	106.1
84.68	50.98	23.77	95.6	48.2	88.9
84.71	51	22.83	108.9	52	101.6
84.73	51.02	21.98	55.7	54.8	48
84.76	51.04	21.12	59	45.6	52.6
84.78	51.06	20.27	7.2	33.5	2.5
84.81	51.08	19.42	185	52.3	177.7
84.83	51.1	18.69	150.2	40	144.6
84.86	51.12	17.96	68.5	44.8	62.2
84.88	51.14	17.23	72	52.2	64.7
84.91	51.16	16.5	159.3	55.8	151.5
84.94	51.18	15.7	134.1	59.8	125.8
84.96	51.2	14.9	105.6	52.1	98.3
84.99	51.22	14.17	78.6	47.9	71.9
85.01	51.23	13.51	77.4	45.9	71
85.03	51.25	12.86	136.3	49.8	129.3
85.06	51.27	12.13	99.9	50.6	92.9
85.08	51.29	11.4	70.6	57.7	62.6
85.11	51.31	10.67	131.3	68.4	121.7
85.13	51.33	9.94	160.6	62.2	151.9
85.16	51.35	9.21	141.7	50.3	134.6
85.18	51.37	8.48	145.9	44.2	139.7
85.21	51.39	7.75	190.1	40.1	184.4
85.23	51.41	7.02	159.7	40.8	154
85.26	51.43	6.29	135.8	43.8	129.7
85.28	51.45	5.56	123.5	47.9	116.8
85.31	51.47	4.83	120.2	50.7	113.1
85.33	51.48	4.1	113.3	56.7	105.4
85.36	51.5	3.37	119	63.1	110.2
85.39	51.53	2.57	158.9	59.7	150.6
85.41	51.55	1.76	71.1	54.4	63.5
85.44	51.57	1.03	134	56.8	126
85.46	51.59	0.3	100	58.2	91.8
85.49	51.6	-0.43	88.5	59.2	80.2