

Pipe Data

Pipe Size Inches	Outside Diam. Inches	Identification			Wall Thickness (t) Inches	Inside Diameter (d) Inches	Area of Metal Square Inches	Transverse Internal Area		Moment of Inertia (I) Inches	Weight Pipe Pounds per foot	Weight Water Pounds per foot	External Surface Sq. Ft. per foot of pipe	Section Modulus
		Steel		Stainless Steel Sched. No.				(a) Square Inches	(A) Square Feet					
		Iron Pipe Size	Sched. No.											
1/8	0.405	ST D XS	40 80	10S	0.49	.307	.0548	.0740	.0005	.00088	.19	.032	.106	.00437
				40S	0.68	.269	.0720	.0568	1	.00106	.24	.025	.106	.00523
				80S	0.95	.215	.0925	.0364	.0004	.00122	.31	.016	.106	.00602
										0	.00025			
1/4	0.540	ST D XS	40 80	10S	.065	.410	.0970	.1320	.0009	.00279	.33	.057	.141	.01032
				40S	.088	.364	.1250	.1041	1	.00331	.42	.045	.141	.01227
				80S	.119	.302	.1574	.0716	.0007	.00377	.54	.031	.141	.01395
										2	.00050			
3/8	0.675	ST D XS	40 80	10S	.065	.545	.1246	.2333	.0016	.00586	.42	.101	.178	.01736
				40S	.091	.493	.1670	.1910	2	.00729	.57	.083	.178	.02160
				80S	.126	.423	.2173	.1405	.0013	.00862	.74	.061	.178	.02554
										3	.00098			
1/2	0.840	ST D XS XX S	40 80 160	5S	.065	.710	.1583	.3959	.0027	.01197	.54	.172	.220	.02849
				10S	.083	.674	.1974	.3568	5	.01431	.67	.155	.220	.03407
				40S	.109	.622	.2503	.3040	.0024	.01709	.85	.132	.220	.04069
				80S	.147	.546	.3200	.2340	8	.02008	1.09	.102	.220	.04780
					.187	.466	.3836	.1706	.0021	.02212	1.31	.074	.220	.05267
					.294	.252	.5043	.050	1	.02424	1.71	.022	.220	.05772
3/4	1.050	ST D XS XX S	40 80 160	5S	.065	.920	.2011	.6648	.0046	.02450	.69	.288	.275	.04667
				10S	.083	.884	.2521	.6138	2	.02969	.86	.266	.275	.05655
				40S	.113	.824	.3326	.5330	.0042	.03704	1.13	.231	.275	.07055
				80S	.154	.742	.4335	.4330	6	.04479	1.47	.188	.275	.08531
					.219	.612	.5698	.2961	.0037	.05269	1.94	.128	.275	.10036
					.308	.434	.7180	.148	1	.05792	2.44	.064	.275	.11032
								0	.00300					
									.00206					

									.0010 3					
1	1.315	ST D XS 160 XX S	40 80 160	5S 10S 40S 80S	.065 .109 .133 .179 .250 .358	1.185 1.097 1.049 .957 .815 .599	.2553 .4130 .4939 .6388 .8365 1.076 0	1.102 9 .9452 .8640 .7190 .5217 .282	.0076 6 .0065 6 .0060 0 .0049 9 .0036 2 .0019 6	.04999 .07569 .08734 .1056 .1251 .1405	.87 1.40 1.68 2.17 2.84 3.66	.478 .409 .375 .312 .230 .122	.344 .344 .344 .344 .344 .344	.07603 .11512 .1328 .1606 .1903 .2136
1 ¼	1.660	ST D XS 160 XX S	40 80 160	5S 10S 40S 80S	.065 .109 .140 .191 .250 .382	1.530 1.442 1.380 1.278 1.160 .896	.3257 .4717 .6685 .8815 1.107 0 1.534	1.839 1.633 1.495 1.283 1.057 .630	.0127 7 .0113 4 .0104 0 .0089 1 .0073 4 .0043 8	.1038 .1605 .1947 .2418 .2839 .3411	1.11 1.81 2.27 3.00 3.76 5.21	.797 .708 .649 .555 .458 .273	.435 .435 .435 .435 .435 .435	.1250 .1934 .2346 .2913 .3421 .4110
1 ½	1.900	ST D XS 160 XX S	40 80 160	5S 10S 40S 80S	.065 .109 .145 .200 .281 .400	1.770 1.682 1.610 1.500 1.338 1.100	.3747 .6133 .7995 1.068 1.429 1.885	2.461 2.222 2.036 1.767 1.406 .950	.0170 9 .0154 3 .0141 4 .0122 5 .0097 6 .0066 0	.1579 .2468 .3099 .3912 .4824 .5678	1.28 2.09 2.72 3.63 4.86 6.41	1.066 .963 .882 .765 .608 .42	.497 .497 .497 .497 .497 .497	.1662 .2598 .3262 .4118 .5078 .5977
2	2.375	ST D XS 160 XX S	40 80 160	5S 10S 40S 80S	.065 .109 .154 .218 .344 .436	2.245 2.157 2.067 1.939 1.687 1.503	.4717 .7760 1.075 1.477 2.190 2.656	3.958 3.654 3.355 2.953 2.241 1.774	.0274 9 .0253 8 .0233 0 .0205 0 .0155 6 .0123 2	.3149 .4992 .6657 .8679 1.162 1.311	1.61 2.64 3.65 5.02 7.46 9.03	1.72 1.58 1.45 1.28 .97 .77	.622 .622 .622 .622 .622 .622	.2652 .4204 .5606 .7309 .979 1.104
2 ½	2.875	ST D XS	40 80	5S 10S 40S	.083 .120 .203	2.709 2.635 2.469	.7280 1.039 1.704	5.764 5.453 4.788	.0400 2 .0378	.7100 .9873 1.530	2.48 3.53 5.79	2.50 2.36 2.07	.753 .753 .753	.4939 .6868 1.064

		XX S	160	80S	.276 .375 .552	2.323 2.125 1.771	2.254 2.945 4.028	4.238 3.546 2.464	7 .0332 2 .0294 2 .0246 3 .0171 0	1.924 2.353 2.871	7.66 10.01 13.69	1.87 1.54 1.07	.753 .753 .753	1.339 1.638 1.997
3	3.500	ST D XS 160 XX S	40 80	5S 10S 40S 80S	.083 .120 .216 .300 .438 .600	3.334 3.260 3.068 2.900 2.624 2.300	.8910 1.274 2.228 3.016 4.205 5.466	8.730 8.347 7.393 6.605 5.408 4.155	.0606 3 .0579 6 .0513 0 .0458 7 .0375 5 .0288 5	1.301 1.822 3.017 3.894 5.032 5.993	3.03 4.33 7.58 10.25 14.32 18.58	3.78 3.62 3.20 2.6 2.35 1.80	.916 .916 .916 .916 .916 .916	.7435 1.041 1.724 2.225 2.876 3.424
3½	4.000	ST D XS	40 80	5S 10S 40S 80S	.083 .120 .226 .318	3.834 3.760 3.548 3.364	1.021 1.463 2.680 3.678	11.54 5 11.10 4 9.886 8.888	.0801 7 .0771 1 .0687 0 .0617 0	1.960 2.755 4.788 6.280	3.48 4.97 9.11 12.50	5.00 4.81 4.29 3.84	1.047 1.047 1.047 1.047	.9799 1.378 2.394 3.140
4	4.500	ST D NS 120 XX S	40 80 160	5S 10S 40S 80S	.083 .120 .237 .337 .438 .531 .674	4.334 4.260 4.026 3.826 3.624 3.438 3.152	1.152 1.651 3.174 4.407 5.595 6.621 8.101	14.75 14.25 12.73 11.50 10.31 9.28 7.80	.1024 5 .0989 8 .0884 0 .0798 6 .0716 .0645 .0542	2.810 3.963 7.233 9.610 11.65 13.27 15.28	3.92 5.61 10.79 14.98 19.0 22.51 27.54	6.39 6.18 5.50 4.98 4.47 4.02 3.38	1.178 1.178 1.178 1.178 1.178 1.178 1.178	1.249 1.761 3.214 4.271 5.178 5.898 6.791
5	5.563	ST D XS 160 XX S	40 80 120 160	5S 10S 40S 80S	.109 .134 .258 .375 .500 .625 .750	5.345 5.295 5.047 4.813 4.563 4.313 4.063	1.868 2.285 4.300 6.112 7.953 9.696 11.34 0	22.44 22.02 20.01 18.19 16.35 14.61 12.97	.1558 .1529 .1390 .1263 .1136 .1015 .0901	6.947 8.425 15.16 20.67 25.73 30.03 33.63	6.36 7.77 14.62 20.78 27.04 32.96 38.55	9.72 9.54 8.67 7.88 7.09 6.33 5.61	1.456 1.456 1.456 1.456 1.456 1.456 1.456	2.498 3.029 5.451 7.431 9.250 10.796 12.090
6	6.625	ST D XS	40 80 120 160	5S 10S 40S 80S	.109 .134 .280 .432 .562	6.407 6.357 6.065 5.761 5.501	2.231 2.733 5.581 8.405 10.70	32.24 31.74 28.89 26.07 23.77	.2239 .2204 .2006 .1810 .1650	11.85 14.40 28.14 40.49 49.61	7.60 9.29 18.97 28.57 36.39	13.97 13.75 12.51 11.29 10.30	1.734 1.734 1.734 1.734 1.734	3.576 4.346 8.496 12.22 14.98

		XX S			.719 .864	5.187 4.897	13.32 15.64	21.15 18.84	.1469 .1308	58.97 66.33	45.35 53.16	9.16 8.16	1.734 1.734	17.81 20.02
8	8.625	ST D 40 XS 80 XX S 120 140 160	20 30 40 60 80 100 120 140 160	5S 10S40S8 0S	.109 .148 .250 .277 .322 .406 .500 .594 .719 .812 .875 .906	8.407 8.329 8.125 8.071 7.981 7.813 7.625 7.437 7.187 7.001 6.875 6.813	2.916 3.941 6.57 7.26 8.40 10.48 12.76 14.96 17.84 19.93 21.30 21.97	55.51 54.48 51.85 51.16 50.03 47.94 45.66 43.46 40.59 38.50 37.12 36.46	.3855 .3784 .3601 .3553 .3474 .3329 .3171 .3018 .2819 .2673 .2578 .2532	26.44 35.41 57.72 63.35 72.49 88.73 105.7 121.3 140.5 153.7 162.0 165.9	9.93 13.40 22.36 24.70 28.55 35.64 43.39 50.95 60.71 67.76 72.42 74.69	24.06 23.61 22.47 22.17 21.70 20.77 19.78 18.83 17.59 16.68 16.10 15.80	2.258 2.258 2.258 2.258 2.258 2.258 2.258 2.258 2.258 2.258 2.258 2.258 2.258	6.131 8.212 13.39 14.69 16.81 20.58 24.51 28.14 32.58 35.65 37.56 38.48
10	10.75 0	ST D XS 60 XX S 100 120 140 160	20 30 40 60 80 100 120 140 160	5S 10S40S 80S	.134 .165 .250 .307 .365 .500 .594 .719 .844 1.000 1.125	10.482 10.420 10.250 10.136 10.020 9.750 9.562 9.312 9.062 8.750 8.500	4.36 5.49 8.24 10.07 11.90 16.10 18.92 22.63 26.24 30.63 34.02	86.29 85.28 82.52 80.69 78.86 74.66 71.84 68.13 64.53 60.13 56.75	.5992 .5922 .5731 .5603 .5475 .5185 .4989 .4732 .4481 .4176 .3941	63.0 76.9 113.7 137.4 160.7 212.0 244.8 286.1 324.2 367.8 399.3	15.19 18.65 28.04 34.24 40.48 54.74 64.43 77.03 89.29 104.1 3	37.39 36.95 35.76 34.96 34.20 32.35 31.13 29.53 27.96 26.06 24.59	2.814 2.814 2.814 2.814 2.814 2.814 2.814 2.814 2.814 2.814 2.814	11.71 14.30 21.15 25.57 29.90 39.43 45.54 53.22 60.32 68.43 74.29
12	12.75	ST D 40 XS 60 XX S 80 100 120 140 160	20 30 40 60 80 100 120 140 160	5S 10S40S8 0S	.156 .180 .250 .330 .375 .406 .500 .562 .688 .844 1.000 1.125 1.312	12.438 12.390 12.250 12.090 12.000 11.938 11.750 11.626 11.374 11.062 10.750 10.500 10.126	6.17 7.11 9.82 12.87 14.58 15.77 19.24 21.52 26.03 31.53 36.91 41.08 47.14	121.5 0 120.5 7 117.8 6 114.8 0 113.1 0 111.9 3 108.4 3 106.1 6 101.6 4 96.14 90.76 86.59 80.53	.8438 .8373 .8185 .7972 .7854 .7773 .7528 .7372 .7058 .6677 .6303 .6013 .5592	122.4 140.4 191.8 248.4 279.3 300.3 361.5 400.4 475.1 561.6 641.6 700.5 781.1	20.98 24.17 33.38 43.77 49.56 53.52 65.42 73.15 88.63 107.3 2 125.4 9 139.6 7 160.2 7	52.65 52.25 51.07 49.74 49.00 48.50 46.92 46.00 44.04 41.66 39.33 37.52 34.89	3.338 3.338 3.338 3.338 3.338 3.338 3.338 3.338 3.338 3.338 3.338 3.338 3.338	19.2 22.0 30.2 39.0 43.8 47.1 56.7 62.8 74.6 88.1 100.7 109.9 122.6
14	14.00	ST D 30	10 20 30	5S 10S	.156 .188 .250	13.688 13.624 13.500	6.78 8.16 10.80	147.1 5 145.7	1.021 9 1.012	162.6 194.6 255.3	23.07 27.73 36.71	63.77 63.17 62.03	3.665 3.665 3.665	23.2 27.8 36.6

		XS	40		.312	13.376	13.42	8	4	314.4	45.61	60.89	3.665	45.0
					.375	13.250	16.05	143.1	.9940	372.8	54.57	59.75	3.665	53.2
			60		.438	13.124	18.66	4	.9758	429.1	63.44	58.64	3.665	61.3
			80		.500	13.000	21.21	140.5	.9575	483.8	72.09	57.46	3.665	69.1
			100		.594	12.812	24.98	2	.9394	562.3	85.05	55.86	3.665	80.3
			120		.750	12.500	31.22	137.8	.9217	678.3	106.1	53.18	3.665	98.2
			140		.938	12.124	38.45	8	.8956	824.4	3	50.04	3.665	117.8
			160		1.094	11.812	44.32	135.2	.8522	929.6	130.8	47.45	3.665	132.8
					1.250	11.500	50.07	8	.8020	1027.0	5	45.01	3.665	146.8
					1.406	11.188	55.63	132.7	.7612	1117.0	150.7	42.60	3.665	159.6
								3	.7213		9			
								128.9	.6827		170.2			
								6			8			
								122.7			189.1			
								2			1			
								115.4						
								9						
								109.6						
								2						
								103.8						
								7						
								98.31						
16	16.00	ST	10	5S	.165	15.670	8.21	192.8	1.339	257.3	27.90	83.57	4.189	32.2
		D	20	10S	.188	15.624	9.34	5	3	291.9	31.75	83.08	4.189	36.5
		XS	30		.250	15.500	12.37	191.7	1.331	383.7	42.05	81.74	4.189	48.0
			40		.312	15.376	15.38	2	4	473.2	52.27	80.50	4.189	59.2
			60		.375	15.250	18.41	188.6	1.310	562.1	62.58	79.12	4.189	70.3
			80		.500	15.000	24.35	9	3	731.9	82.77	76.58	4.189	91.5
			100		.656	14.688	31.62	185.6	1.289	932.4	107.5	73.42	4.189	116.6
			120		.844	14.312	40.14	9	5	1155.8	0	69.73	4.189	144.5
			140		1.031	13.938	48.48	182.6	1.268	1364.5	136.6	66.12	4.189	170.5
			160		1.219	13.562	56.56	5	4	1555.8	1	62.62	4.189	194.5
					1.438	13.124	65.78	176.7	1.227	1760.3	164.8	58.64	4.189	220.0
					1.594	12.812	72.10	2	2	1893.5	2	55.83	4.189	236.7
								169.4	1.176		192.4			
								4	6		3			
								160.9	1.175		223.6			
								2	1.059		4			
								152.5	6		245.2			
								8	1.003		5			
								144.5	5					
								0	.9394					
								135.2	.8956					
								8						
								128.9						
								6						
18	18.00	ST	10	5S	.165	17.670	9.25	245.2	1.702	367.6	31.43	106.26	4.712	40.8
		D	20	10S	.188	17.624	10.52	2	9	417.3	35.76	105.71	4.712	46.4
					.250	17.500	13.94	243.9	1.694	549.1	47.39	104.21	4.712	61.1
		XS	30		.312	17.376	17.34	5	1	678.2	58.94	102.77	4.712	75.5
					.375	17.250	20.76	240.5	1.670	806.7	70.59	101.18	4.712	89.6
			40		.438	17.124	24.17	3	3	930.3	82.15	99.84	4.712	103.4
			60		.500	17.000	27.49	237.1	1.646	1053.2	93.45	98.27	4.712	117.0

			80		.562	16.876	30.79	3	7	1171.5	104.6	96.93	4.712	130.1
			100		.750	16.500	40.64	233.7	1.623	1514.7	7	92.57	4.712	168.3
			120		.938	16.124	50.23	1	0	1833.0	138.1	88.50	4.712	203.8
			140		1.156	15.688	61.17	230.3	1.599	2180.0	7	83.76	4.712	242.3
			160		1.375	15.250	71.81	0	0	2498.1	170.9	79.07	4.712	277.6
					1.562	14.876	80.66	226.9	1.576	2749.0	2	75.32	4.712	305.5
					1.781	14.438	90.75	8	3	3020.0	207.9	70.88	4.712	335.6
								223.6	1.553		6			
								8	3		244.1			
								213.8	1.484		4			
								3	9		274.2			
								204.2	1.418		2			
								4	3		308.5			
								193.3	1.342		0			
								0	3					
								182.6	1.268					
								6	4					
								173.8	1.207					
								0	0					
								163.7	1.136					
								2	9					
20	20.00	ST	10	5S	.188	19.624	11.70	302.4	2.100	574.2	39.78	131.06	5.236	57.4
		D	20	10S	.218	19.564	13.55	6	4	662.8	46.06	130.27	5.236	66.3
		XS	30		.250	19.500	15.51	300.6	2.087	765.4	52.73	129.42	5.236	75.6
			40		.375	19.250	23.12	1	6	1113.0	78.60	125.67	5.236	111.3
			60		.500	19.000	30.63	298.6	2.074	1457.0	104.1	122.87	5.236	145.7
			80		.594	18.812	36.15	5	0	1703.0	3	120.46	5.236	170.4
			100		.812	18.376	48.95	290.0	2.014	2257.0	123.1	114.92	5.236	225.7
			120		1.031	17.938	61.44	4	2	2772.0	1	109.51	5.236	277.1
			140		1.281	17.438	75.33	283.5	1.969	3315.2	166.4	103.39	5.236	331.5
			160		1.500	17.000	87.18	3	0	3754.0	0	98.35	5.236	375.5
					1.750	16.500	100.3	278.0	1.930	4216.0	208.8	92.66	5.236	421.7
					1.969	16.062	3	0	5	4585.5	7	87.74	5.236	458.5
							111.4	265.2	1.841		256.1			
							9	1	7		0			
								252.7	1.755		296.3			
								2	0		7			
								238.8	1.658		341.0			
								3	5		9			
								226.9	1.576		379.1			
								8	2		7			
								213.8	1.484					
								2	9					
								202.6	1.407					
								7	4					
22	22.00	ST	10	5S	.188	21.624	12.88	367.2	2.550	766.2	43.80	159.14	5.760	69.7
		D	20	10S	.218	21.564	14.92	5	3	884.8	50.71	158.26	5.760	80.4
		XS	30		.250	21.500	17.08	365.2	2.536	1010.3	58.07	157.32	5.760	91.8
			60		.375	21.250	25.48	1	2	1489.7	86.61	153.68	5.760	135.4
			80		.500	21.000	33.77	363.0	2.521	1952.5	114.8	150.09	5.760	117.5
			100		.875	20.250	58.07	5	2	3244.9	1	139.56	5.760	295.0
			120		1.125	19.75	73.78	354.6	2.462	4030.4	197.4	132.76	5.760	366.4
			140		1.375	19.25	89.09	6	9	4758.5	1	126.12	5.760	432.6

			160		1.625 1.875 2.125	18.75 18.25 17.75	104.0 2 118.5 5 132.6 8	346.3 6 322.0 6 306.3 5	2.405 3 2.236 5 2.127 5	5432.0 6053.7 6626.4	250.8 1 302.8 8 353.6 1	119.65 113.36 107.23	5.760 5.760 5.760	493.8 550.3 602.4
24	24.00	ST D XS	10 2030 40 60 80 100 120 140 160	5S 10S	.218 .250 .375 .500 .562 .688 .969 1.219 1.531 1.812 2.062 2.344	23.564 23.500 23.250 23.000 22.876 22.624 22.062 21.562 20.938 20.376 19.876 19.312	16.29 18.65 27.83 36.91 41.39 50.31 70.04 87.17 108.0 7 126.3 1	436.1 0 433.7 4 424.5 6 415.4 8 411.0 0 402.0 7	3.028 5 3.012 1 2.948 3 2.885 3 2.854 2 2.792 1	1151.6 1315.4 1942.0 2549.5 2843.0 3421.3 4652.8 5672.0 6849.9 7825.0 8625.0 9455.9	55.37 63.41 94.62 125.4 9 140.6 8 171.2 9 238.3 5 296.5	188.98 187.95 183.95 179.87 178.09 174.23 165.52 158.26 149.06 141.17 134.45 126.84	6.283 6.283 6.283 6.283 6.283 6.283 6.283 6.283 6.283 6.283 6.283 6.283	96.0 109.6 161.9 212.5 237.0 285.1 387.7 472.8 570.8 652.1 718.9 787.9
26	26.00	ST D XS	1020		.312 .375 .500	25.376 25.250 25.000	25.18 30.19 40.06	505.7 5 500.7 4 490.8 7	3.512 2 3.477 4 3.408 8	2077.2 2478.4 3257.0	85.60 102.6 3 136.1 7	219.16 216.99 212.71	6.806 6.806 6.806	159.8 190.6 250.5
28	28.00	ST D XS	1020 30		.312 .375 .500 .625	27.376 27.250 27.000 26.750	27.14 32.54 43.20 53.75	588.6 1 583.2 1 572.5 6 562.0 0	4.087 6 4.050 1 3.976 1 3.902 8	2601.0 3105.1 4084.8 5037.7	92.26 110.6 4 146.8 5 182.7 3	255.07 252.73 248.11 243.53	7.330 7.330 7.330 7.330	185.8 221.8 291.8 359.8
30	30.00	ST		5S	.250	29.500	23.37	683.4	4.746	2585.2	79.43	296.18	7.854	172.3

		D XS	1020 30	10S	.312 .375 .500 .625	29.376 29.250 29.000 28.750	29.10 34.90 46.34 57.68	9 677.7 6 671.9 6 660.5 2 649.1 8	5 4.706 7 4.666 4 4.586 9 4.508 2	3206.3 3829.4 5042.2 6224.0	98.93 118.6 5 157.5 3 196.0 8	293.70 291.18 286.22 281.31	7.854 7.854 7.854 7.854	213.8 255.3 336.1 414.9
32	32.00	ST D XS	1020 30 40		.312 .375 .500 .625 .688	31.376 31.250 31.000 30.750 30.624	31.06 37.26 49.48 61.60 67.68	773.1 9 766.9 9 754.7 7 742.6 4 736.5 7	5.369 4 5.326 3 5.241 4 5.157 2 5.115 1	3898.9 4658.5 6138.6 7583.4 8298.3	105.5 9 126.6 6 168.2 1 209.4 3 230.0 8	335.05 332.36 327.06 321.81 319.18	8.378 8.378 8.378 8.378 8.378	243.7 291.2 383.7 474.0 518.6
34	34.00	ST D XS	1020 30 40		.344 .375 .500 .625 .688	33.312 33.250 33.000 32.750 32.624	36.37 39.61 52.62 65.53 72.00	871.5 5 868.3 1 855.3 0 842.3 9 835.9 2	6.052 4 6.029 9 5.939 6 5.849 9 5.805 0	5150.5 5599.3 7383.5 9127.6 9991.6	123.6 5 134.6 7 178.8 9 222.7 8 244.7 7	377.67 376.27 370.63 365.03 362.23	8.901 8.901 8.901 8.901 8.901	303.0 329.4 434.3 536.9 587.7
36	36.00	ST D XS	1020 30 40		.312 .375 .500 .625 .750	35.376 35.250 35.000 34.750 34.500	34.98 41.97 55.76 69.46 83.06	982.9 0 975.9 1 962.1 1 948.4 2 934.8 2	6.825 7 6.777 1 6.681 3 6.586 2 6.491 8	5569.5 6658.9 8786.2 10868. 4 12906. 1 236.1 3 282.3 5	118.9 2 142.6 8 189.5 7 236.1 3 282.3 5	425.92 422.89 416.91 417.22 405.09	9.425 9.425 9.425 9.425 9.425	309.4 369.9 488.1 603.8 717.0