

Załącznik 1 Plan sytuacyjny



Załącznik 2 Dane do obliczeń

Z.U.O. "EKO - SOFT"

Łódź ul. Rogozińskiego 17/7

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HAŁAS PRZEMYSŁOWY i DROGOWY

PROGRAM SON2 WERSJA 3.3

Licencja nr JW/65036/Sp/10 z dnia 19.08.2010

DANE WEJŚCIOWE

Rodzaj obliczeń: Poziom hałasu równownowaznego

1. Nazwa projektu: Składowisko odpadów ZK sp. z o.o. Opole

2. Temperatura powietrza [st C.] = 10

3. Wilgotność względna powietrza [%] = 70

4. Tło akustyczne dB(A):

Pora dnia : 0

Pora nocy : 0

5. Rodzaj gruntu : grunt mieszany, wskaźnik gruntu G = 0.9

6. Punktowe źródła hałasu

Lp	Symbol	Współrzędne źródła			Rodzaj źródła	LAW	tD	tN	Do
		x	y	z					
		m	m	m		dB(A)	h	h	dB
1	H3	170.0	526.0	3.0	wszechkier.	70.0	8.000	1.000	
2	H4	169.3	513.5	2.0	wszechkier.	100.0	8.000	1.000	
3	H8.1	342.1	853.5	2.5	wszechkier.	99.7	8.000		

4	H8.2	313.7	839.0	2.5	wszechkier.	99.7	8.000	
5	H9	333.8	836.9	1.0	wszechkier.	108.7	8.000	
6	H10	258.1	766.1	1.0	wszechkier.	104.0	8.000	
7	H13. 1	43.0	801.5	11.5	wszechkier.	80.0	8.000	
8	H13. 2	49.3	806.4	11.5	wszechkier.	80.0	8.000	
9	H13. 3	45.8	798.7	11.5	wszechkier.	80.0	8.000	
10	H13. 4	52.0	802.9	11.5	wszechkier.	80.0	8.000	
11	H13. 5	48.6	796.0	11.5	wszechkier.	80.0	8.000	
12	H13. 6	54.8	800.8	11.5	wszechkier.	80.0	8.000	
13	H13. 7	50.7	793.2	11.5	wszechkier.	80.0	8.000	
14	H13. 8	58.3	798.0	11.5	wszechkier.	80.0	8.000	
15	H14. 1	52.7	791.1	11.5	wszechkier.	80.0	8.000	
16	H14. 2	59.0	797.3	11.5	wszechkier.	80.0	8.000	
17	R1. 1	137.4	712.0	12.5	wszechkier.	75.0	8.000	1.000
18	R1. 2	150.6	712.0	12.5	wszechkier.	75.0	8.000	1.000
19	R1. 3	136.7	699.5	12.5	wszechkier.	75.0	8.000	1.000
20	R1. 4	150.6	700.2	12.5	wszechkier.	75.0	8.000	1.000
21	R1. 5	136.0	685.6	12.5	wszechkier.	75.0	8.000	1.000
22	R1. 6	150.6	687.0	12.5	wszechkier.	75.0	8.000	1.000
23	R2	125.6	682.8	11.5	wszechkier.	80.0	8.000	1.000
24	H26. 1	68.0	916.0	11.5	wszechkier.	75.0	8.000	1.000
25	H26. 2	66.6	904.9	11.5	wszechkier.	75.0	8.000	1.000
26	H26. 3	65.2	893.8	11.5	wszechkier.	75.0	8.000	1.000
27	H26. 4	63.8	881.3	11.5	wszechkier.	75.0	8.000	1.000
28	H26. 5	61.8	869.5	11.5	wszechkier.	75.0	8.000	1.000
29	H26. 6	60.4	857.7	11.5	wszechkier.	75.0	8.000	1.000
30	H26. 7	77.0	856.3	11.5	wszechkier.	75.0	8.000	1.000
31	H26. 8	79.1	868.1	11.5	wszechkier.	75.0	8.000	1.000
32	H26. 9	80.5	880.6	11.5	wszechkier.	75.0	8.000	1.000
33	H26. 10	81.2	892.4	11.5	wszechkier.	75.0	8.000	1.000
34	H26. 11	84.0	903.5	11.5	wszechkier.	75.0	8.000	1.000
35	H26. 12	87.4	913.9	11.5	wszechkier.	75.0	8.000	1.000
36	H27	82.6	863.3	11.5	wszechkier.	80.0	8.000	1.000
37	H28	52.7	865.3	11.5	wszechkier.	75.0	8.000	1.000
38	H29. 1	68.7	848.7	11.5	wszechkier.	51.0	8.000	1.000
39	H29. 2	76.3	847.3	11.5	wszechkier.	51.0	8.000	1.000
40	H29. 3	82.6	846.6	11.5	wszechkier.	51.0	8.000	1.000
41	H29. 4	76.0	841.8	11.5	wszechkier.	51.0	8.000	1.000

42	H29.	5	81.9	841.8	11.5	wszechkier.	51.0	8.000	1.000
43	R3		125.6	673.8	6.0	wszechkier.	66.0	8.000	
44	R5.	1	139.5	759.9	8.0	wszechkier.	51.0	8.000	
45	R5.	2	147.8	768.9	8.0	wszechkier.	51.0	8.000	
46	R5.	3	152.7	764.0	8.0	wszechkier.	51.0	8.000	
47	R5.	4	143.0	755.0	8.0	wszechkier.	51.0	8.000	
48	R5.	5	145.7	763.3	8.0	wszechkier.	51.0	8.000	
49	R7		93.7	670.3	1.5	wszechkier.	104.0	8.000	
50	R8		86.0	669.0	1.5	wszechkier.	99.8	8.000	
51	R9.	1	136.0	765.4	4.0	wszechkier.	80.0	8.000	
52	R9.	2	136.0	756.4	4.0	wszechkier.	80.0	8.000	
53	H5		160.3	630.1	2.0	wszechkier.	99.8	8.000	
54	H6		148.5	634.3	2.0	wszechkier.	104.0	8.000	
55	H7		150.6	623.9	2.0	wszechkier.	99.7	8.000	
56	Sp		337.0	873.7	2.0	wszechkier.	95.0	8.000	
57	Rw		319.0	862.6	1.5	wszechkier.	110.0	8.000	
58	Ap		324.0	888.2	2.0	wszechkier.	94.0	8.000	1.000
59	Ach		329.0	895.2	2.0	wszechkier.	86.0	8.000	1.000
60	K		319.0	902.8	35.0	wszechkier.	75.0	8.000	1.000
61	Zp-2		240.1	763.3	2.0	wszechkier.	90.0	8.000	
62	Zp-3	1	225.5	764.7	3.0	wszechkier.	68.0	8.000	
63	Zp-3	2	225.5	760.6	3.0	wszechkier.	68.0	8.000	
64	Zp-3	3	234.5	766.8	3.0	wszechkier.	68.0	8.000	
65	Zp-3	4	234.5	761.3	3.0	wszechkier.	68.0	8.000	

7. Liniowe źródła hałasu

Lp	Symbol	Początek			Koniec			LAW	tD	tN	D0
		x1	y1	z1	x2	y2	z2				
		m	m	m	m	m	m	dB(A)	h	h	dB
1	C-V-1	6.2	872.3	0.5	113.1	764.0	0.5	93.1	8.000		
2	C-V-2	113.1	764.0	0.5	6.9	872.3	0.5	93.1	8.000		
3	C-II-1	113.1	764.7	0.5	176.3	709.2	0.5	86.0	8.000		
4	C-II-2	176.3	680.0	0.5	168.6	619.7	0.5	86.0	8.000		
5	C-II-3	168.6	619.7	0.5	176.3	680.0	0.5	86.0	8.000		
6	C-II-4	176.3	709.2	0.5	112.4	764.7	0.5	86.0	8.000		

7	C-I-1	6.9	871.6	0.5	112.4	765.4	0.5	88.2	8.0001.000
8	C-I-2	112.4	765.4	0.5	177.0	709.9	0.5	88.2	8.0001.000
9	C-I-3	177.0	709.9	0.5	166.5	537.8	0.5	88.2	8.0001.000
10	C-I-4	166.5	537.8	0.5	320.6	576.0	0.5	88.2	8.0001.000
11	C-I-5	320.6	576.0	0.5	324.8	399.0	0.5	88.2	8.0001.000
12	C-I-6	324.8	399.0	0.5	166.5	537.8	0.5	88.2	8.0001.000
13	C-I-7	166.5	537.8	0.5	169.3	619.7	0.5	88.2	8.0001.000
14	C-I-8	169.3	619.7	0.5	177.0	709.9	0.5	88.2	8.0001.000
15	C-I-9	177.0	709.9	0.5	112.4	765.4	0.5	88.2	8.0001.000
16	C-I-10	112.4	765.4	0.5	7.6	872.3	0.5	88.2	8.0001.000
17	C-VI-1	112.4	765.4	0.5	211.0	793.2	0.5	98.4	8.000
18	C-VI-2	211.0	793.2	0.5	244.3	771.7	0.5	98.4	8.000
19	C-VI-3	244.3	771.7	0.5	265.1	846.6	0.5	98.4	8.000
20	C-VI-4	265.1	846.6	0.5	258.0	860.0	0.5	98.4	8.000
21	C-VI-5	258.0	860.0	0.5	330.0	950.0	0.5	98.4	8.000
22	C-VI-6	330.0	950.0	0.5	239.4	1009.0	0.5	98.4	8.000
23	C-VI-7	239.4	1009.0	0.5	172.1	938.2	0.5	98.4	8.000
24	C-VI-8	172.1	938.2	0.5	200.0	882.7	0.5	98.4	8.000
25	C-VI-9	200.0	882.7	0.5	212.3	793.2	0.5	98.4	8.000
26	C-VI-10	212.3	793.2	0.5	112.4	765.4	0.5	98.4	8.000
27	C-III-1	113.1	765.4	0.5	188.8	791.1	0.5	88.2	8.000
28	C-III-2	188.8	791.1	0.5	358.5	875.1	0.5	88.2	8.000
29	C-III-3	358.5	875.1	0.5	212.3	793.9	0.5	88.2	8.000
30	C-III-4	212.3	793.9	0.5	113.8	764.7	0.5	88.2	8.000
31	C-IV-1	113.1	764.7	0.5	150.6	735.6	0.5	81.1	8.000
32	C-IV-2	150.6	735.6	0.5	313.7	852.9	0.5	81.1	8.000
33	C-IV-3	313.7	852.9	0.5	150.6	734.9	0.5	81.1	8.000
34	C-IV-4	150.6	734.9	0.5	113.1	765.4	0.5	81.1	8.000
35	RC-1	7.6	873.0	0.5	91.6	782.1	0.5	85.2	8.0001.000
36	RC-2	91.6	782.1	0.5	87.4	756.4	0.5	85.2	8.0001.000
37	RC-3	87.4	756.4	0.5	108.3	685.6	0.5	85.2	8.0001.000
38	RC-4	108.3	685.6	0.5	91.6	782.1	0.5	85.2	8.0001.000
39	RC-5	91.6	782.1	0.5	7.6	872.3	0.5	85.2	8.0001.000
40	RL-1	6.9	872.3	0.5	91.6	781.4	0.5	74.7	8.0001.000
41	RL-2	91.6	781.4	0.5	87.4	756.4	0.5	74.7	8.0001.000
42	RL-3	87.4	756.4	0.5	108.9	684.9	0.5	74.7	8.0001.000
43	RL-4	108.9	684.9	0.5	92.3	780.7	0.5	74.7	8.0001.000
44	RL-5	92.3	780.7	0.5	7.6	871.6	0.5	74.7	8.0001.000

45	H1.11	247.0	692.6	0.7	390.7	696.0	0.7	104.8	8.000
46	H1.12	390.7	696.0	0.7	401.1	603.7	0.7	104.8	8.000
47	H1.13	401.1	603.7	0.7	245.7	601.0	0.7	104.8	8.000
48	H1.14	245.7	601.0	0.7	247.0	692.6	0.7	104.8	8.000
49	H1.21	213.0	449.0	0.7	476.0	449.7	0.7	104.8	8.000
50	H1.22	476.0	449.7	0.7	446.2	331.0	0.7	104.8	8.000
51	H1.23	446.2	331.0	0.7	258.8	332.4	0.7	104.8	8.000
52	H1.24	258.8	332.4	0.7	211.7	449.7	0.7	104.8	8.000
53	H21	288.7	254.0	0.7	369.9	295.6	0.7	110.0	8.000
54	H22	369.9	295.6	0.7	485.1	271.3	0.7	110.0	8.000
55	H23	485.1	271.3	0.7	385.1	220.0	0.7	110.0	8.000
56	H24	385.1	220.0	0.7	288.0	253.3	0.7	110.0	8.000
57	PR1	135.3	1011.1	0.5	123.5	985.4	0.5	75.9	8.000
58	PR2	123.5	985.4	0.5	168.6	966.7	0.5	75.9	8.000
59	PR3	168.6	966.7	0.5	182.5	1002.1	0.5	75.9	8.000
60	PR4	182.5	1002.1	0.5	136.0	1010.4	0.5	75.9	8.000
61	tK1	201.2	962.5	0.5	187.4	950.7	0.5	87.2	8.000
62	tK2	187.4	950.7	0.5	137.4	995.8	0.5	87.2	8.000
63	tK3	137.4	995.8	0.5	167.2	986.1	0.5	87.2	8.000
64	tK4	167.2	986.1	0.5	188.1	964.6	0.5	87.2	8.000
65	tK5	188.1	964.6	0.5	200.5	961.8	0.5	87.2	8.000
66	oZp1	6.9	872.3	0.5	112.4	765.4	0.5	90.7	8.000
67	oZp2	112.4	765.4	0.5	151.3	734.9	0.5	90.7	8.000
68	oZp3	151.3	734.9	0.5	221.4	768.2	0.5	90.7	8.000
69	oZp4	221.4	768.2	0.5	150.6	734.2	0.5	90.7	8.000
70	oZp5	150.6	734.2	0.5	112.4	765.4	0.5	90.7	8.000
71	oZp6	112.4	765.4	0.5	7.6	873.0	0.5	90.7	8.000
72	wZp1	229.0	772.4	0.7	256.8	777.2	0.7	90.7	8.000
73	wZp2	256.8	777.2	0.7	250.5	761.9	0.7	90.7	8.000
74	wZp3	250.5	761.9	0.7	231.1	772.4	0.7	90.7	8.000
75	ww1	199.2	922.2	0.7	183.9	814.0	0.7	90.7	8.000
76	ww2	183.9	814.0	0.7	180.4	647.4	0.7	90.7	8.000
77	ww3	180.4	647.4	0.7	160.3	548.2	0.7	90.7	8.000
78	ww4	160.3	548.2	0.7	258.8	528.1	0.7	90.7	8.000
79	ww5	258.8	528.1	0.7	160.3	547.5	0.7	90.7	8.000
80	ww6	160.3	547.5	0.7	179.7	646.8	0.7	90.7	8.000
81	ww7	179.7	646.8	0.7	183.9	815.4	0.7	90.7	8.000
82	ww8	183.9	815.4	0.7	199.2	921.6	0.7	90.7	8.000

83	łkt1	299.0	849.1	1.0	308.3	859.3	1.0	85.4	8.000
84	łkt2	308.3	859.3	1.0	299.0	849.1	1.0	85.4	8.000

LAW - poziom mocy akustycznej źródła nominalny

tD - czas pracy źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia

tN - czas pracy źródła w przedziale 1 najmniej korzystnej godziny nocy

8. Źródła hałasu typu budynek

Lp	Symbol	Współrzędne wierzchołków budynku [m]								ho	h1
		A(x1, y1)	B(x2, y2)	C(x3, y3)	D(x4, y4)					m	m
1	R 4	128.4	669.0	158.9	668.3	161.0	718.9	130.5	718.9	0.0	12.0
2	R 6	74.0	678.1	97.1	685.1	73.3	764.2	50.4	757.2	0.0	12.0
3	H1	266.1	877.8	317.2	945.8	264.4	985.5	214.5	917.7	0.0	11.0
4	H 1-2-6	242.3	846.0	266.0	877.1	233.9	901.4	210.3	870.8	0.0	13.0
5	H 3	218.0	882.0	233.9	902.1	216.1	916.4	200.0	896.7	0.0	13.0
6	H7	215.1	917.4	236.9	947.0	215.4	964.9	192.9	935.0	0.0	12.0
7	H8	236.6	947.9	257.5	975.7	237.0	991.9	216.0	965.3	0.0	5.0
8	H15	141.6	884.8	160.8	908.8	143.5	923.9	124.0	900.1	0.0	8.0
9	Hwm	267.0	861.9	290.0	845.0	303.3	862.6	280.0	880.0	0.0	32.0
10	Ht	279.7	879.5	292.1	871.0	324.4	913.0	312.0	922.0	0.0	32.0
11	StBż	292.1	871.6	303.3	862.0	335.0	905.3	324.1	913.2	0.0	32.0
12	Zp	226.0	758.0	234.0	758.0	234.0	768.0	226.0	768.0	0.0	5.0

8.1 Opis ścian budynków

Lp	Budynek	Wielkość	Jedn.	Ściana AB	Ściana BC	Ściana CD	Ściana DA	dach
1	R 4	Wsp. odbicia	-	0.0	0.0	0.0	0.0	0.0
		LAWew dzień	dB(A)	95.0	95.0	95.0	95.0	95.0

		Izolacyjność	dB(A)	46.0	46.0	46.0	46.0	46.0
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2 R 6		Wsp. odbicia	-	0.0	0.0	0.0	0.0	0.0
		L _{Awew} dzień	dB(A)	85.0	85.0	85.0	85.0	85.0
		L _{Awew} noc	dB(A)	85.0	85.0	85.0	85.0	85.0
		Izolacyjność	dB(A)	46.0	46.0	46.0	46.0	46.0
.....								
3 H1		Wsp. odbicia	-	0.0	0.0	0.0	0.0	0.0
		L _{Awew} dzień	dB(A)	85.0	85.0	85.0	85.0	85.0
		Izolacyjność	dB(A)	40.0	40.0	40.0	40.0	35.0
.....								
4 H 1-2-6		Wsp. odbicia	-	0.0	0.0	0.0	0.0	0.0
		L _{Awew} dzień	dB(A)	85.0	85.0	85.0	85.0	85.0
		Izolacyjność	dB(A)	40.0	40.0	40.0	40.0	35.0
.....								
5 H 3		Wsp. odbicia	-	0.0	0.0	0.0	0.0	0.0
		L _{Awew} dzień	dB(A)	85.0	85.0	85.0	85.0	85.0
		Izolacyjność	dB(A)	45.0	45.0	45.0	45.0	35.0
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6	H7	Wsp. odbicia	-	0.0	0.0	0.0	0.0
		L _A wew dzień	dB(A)	85.0	85.0	85.0	85.0
		Izolacyjność	dB(A)	40.0	40.0	40.0	35.0
.....							
...							
7	H8	Wsp. odbicia	-	0.0	0.0	0.0	0.0
		L _A wew dzień	dB(A)	96.0	96.0	96.0	96.0
		L _A wew noc	dB(A)	96.0	96.0	96.0	96.0
		Izolacyjność	dB(A)	46.0	46.0	46.0	46.0
.....							
...							
8	H15	Wsp. odbicia	-	0.0	0.0	0.0	0.0
		L _A wew dzień	dB(A)	85.0	85.0	85.0	85.0
		Izolacyjność	dB(A)	40.0	40.0	40.0	35.0
.....							
...							
9	Hwm	Wsp. odbicia	-	0.0	0.0	0.0	0.0
		L _A wew dzień	dB(A)	75.0	75.0	75.0	75.0
		L _A wew noc	dB(A)	75.0	75.0	75.0	75.0
		Izolacyjność	dB(A)	35.0	35.0	35.0	35.0
.....							
...							
10	Ht	Wsp. odbicia	-	0.0	0.0	0.0	0.0

		L _A wew dzień	dB(A)	95.0	95.0	95.0	95.0	95.0
		L _A wew noc	dB(A)	95.0	95.0	95.0	95.0	95.0
		Izolacyjność	dB(A)	45.0	45.0	45.0	45.0	45.0
.....								
...								
11	StBż	Wsp. odbicia	-	0.0	0.0	0.0	0.0	0.0
		L _A wew dzień	dB(A)	75.0	75.0	75.0	75.0	75.0
		L _A wew noc	dB(A)	75.0	75.0	75.0	75.0	75.0
		Izolacyjność	dB(A)	35.0	35.0	35.0	35.0	35.0
.....								
...								
12	Zp	Wsp. odbicia	-	0.0	0.0	0.0	0.0	0.0
		L _A wew dzień	dB(A)	108.0	108.0	108.0	108.0	108.0
		Izolacyjność	dB(A)	20.0	20.0	20.0	20.0	20.0
.....								
...								

L_Awew dzień - poziom dźwięku A wewnątrz budynku w przedziale 8 kolejnych najmniej korzystnych godzin dnia

9. Współrzędne wierzchołków wieloboku terenu zakładu

Lp	Współrzędne wierzchołków	
	x	y
	m	m

=====

1	269.2	135.3
2	829.3	313.0
3	824.4	320.6
4	766.1	319.9
5	742.5	322.7
6	723.8	331.7
7	707.8	349.1
8	528.1	612.1
9	517.7	654.4
10	510.7	729.3
11	496.2	757.8
12	322.7	977.8
13	303.3	995.8
14	261.6	1013.2
15	233.9	1017.3
16	171.4	1013.8
17	137.4	1021.5
18	123.5	1031.2
19	108.3	1046.5
20	99.9	1060.3
21	82.6	1031.9
22	50.7	957.6
23	38.9	949.3
24	18.7	914.6
25	6.9	881.3
26	18.0	675.9
27	22.9	630.1
28	84.0	496.9
29	103.4	467.7
30	195.7	233.2
31	222.8	189.4
32	268.6	134.6

Koniec danych

Załącznik 3 Wyniki obliczeń

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów			Poziom dźwięku w porze	
	x	y	z	dnia	nocy
	m	m	m	dB(A)	dB(A)
1	0.0	1260.0	1.5	37.5	22.8
2	20.0	1260.0	1.5	37.4	22.5
3	40.0	1260.0	1.5	37.4	22.4
4	60.0	1260.0	1.5	37.5	22.4
5	80.0	1260.0	1.5	37.9	22.4
6	100.0	1260.0	1.5	37.9	22.2
7	120.0	1260.0	1.5	37.7	22.4
8	140.0	1260.0	1.5	36.6	22.9
9	160.0	1260.0	1.5	36.1	26.2
10	180.0	1260.0	1.5	35.8	26.2
11	200.0	1260.0	1.5	35.8	26.2
12	220.0	1260.0	1.5	35.5	23.1
13	240.0	1260.0	1.5	35.2	22.1
14	260.0	1260.0	1.5	35.7	21.8
15	280.0	1260.0	1.5	36.0	21.6
16	300.0	1260.0	1.5	37.1	21.5
17	320.0	1260.0	1.5	37.4	21.4
18	340.0	1260.0	1.5	37.9	21.2
19	360.0	1260.0	1.5	38.6	21.1
20	380.0	1260.0	1.5	38.9	23.4
21	400.0	1260.0	1.5	38.8	22.2
22	420.0	1260.0	1.5	38.7	22.2
23	440.0	1260.0	1.5	38.6	22.2
24	460.0	1260.0	1.5	39.4	22.5
25	480.0	1260.0	1.5	40.9	23.7
26	500.0	1260.0	1.5	40.8	25.2
27	520.0	1260.0	1.5	40.7	25.3
28	540.0	1260.0	1.5	40.7	25.4
29	560.0	1260.0	1.5	40.7	25.4
30	580.0	1260.0	1.5	40.8	26.8
31	600.0	1260.0	1.5	41.1	26.6
32	620.0	1260.0	1.5	41.1	26.4
33	640.0	1260.0	1.5	40.9	26.2
34	660.0	1260.0	1.5	40.7	26.1
35	680.0	1260.0	1.5	40.5	25.8
36	700.0	1260.0	1.5	40.3	25.7
37	720.0	1260.0	1.5	40.1	25.5
38	740.0	1260.0	1.5	39.9	25.3
39	760.0	1260.0	1.5	39.7	25.0
40	780.0	1260.0	1.5	39.5	24.7
41	800.0	1260.0	1.5	39.3	24.5
42	820.0	1260.0	1.5	39.1	24.3
43	840.0	1260.0	1.5	38.9	24.0
44	860.0	1260.0	1.5	38.7	23.9
45	0.0	1240.0	1.5	37.8	23.5
46	20.0	1240.0	1.5	37.7	23.0
47	40.0	1240.0	1.5	37.9	22.9

48	60.0	1240.0	1.5	37.9	22.9
49	80.0	1240.0	1.5	38.3	22.9
50	100.0	1240.0	1.5	38.3	22.7
51	120.0	1240.0	1.5	38.2	22.8
52	140.0	1240.0	1.5	37.1	23.4
53	160.0	1240.0	1.5	36.5	26.6
54	180.0	1240.0	1.5	36.2	26.6
55	200.0	1240.0	1.5	36.1	26.6
56	220.0	1240.0	1.5	35.8	23.5
57	240.0	1240.0	1.5	35.3	22.5
58	260.0	1240.0	1.5	36.3	22.2
59	280.0	1240.0	1.5	36.3	22.0
60	300.0	1240.0	1.5	37.4	21.9
61	320.0	1240.0	1.5	37.7	21.7
62	340.0	1240.0	1.5	38.1	21.6
63	360.0	1240.0	1.5	39.1	21.5
64	380.0	1240.0	1.5	39.3	22.7
65	400.0	1240.0	1.5	39.1	22.4
66	420.0	1240.0	1.5	38.8	22.4
67	440.0	1240.0	1.5	39.2	22.4
68	460.0	1240.0	1.5	40.0	23.0
69	480.0	1240.0	1.5	41.3	25.5
70	500.0	1240.0	1.5	41.2	25.6
71	520.0	1240.0	1.5	41.2	25.7
72	540.0	1240.0	1.5	41.1	25.8
73	560.0	1240.0	1.5	41.2	27.3
74	580.0	1240.0	1.5	41.5	27.1
75	600.0	1240.0	1.5	41.6	26.9
76	620.0	1240.0	1.5	41.3	26.7
77	640.0	1240.0	1.5	41.1	26.5
78	660.0	1240.0	1.5	40.9	26.3
79	680.0	1240.0	1.5	40.7	26.1
80	700.0	1240.0	1.5	40.5	25.9
81	720.0	1240.0	1.5	40.3	25.7
82	740.0	1240.0	1.5	40.1	25.5
83	760.0	1240.0	1.5	39.9	25.3
84	780.0	1240.0	1.5	39.7	25.0
85	800.0	1240.0	1.5	39.5	24.7
86	820.0	1240.0	1.5	39.3	24.5
87	840.0	1240.0	1.5	39.0	24.2
88	860.0	1240.0	1.5	38.8	24.0
89	0.0	1220.0	1.5	38.2	24.1
90	20.0	1220.0	1.5	38.4	23.6
91	40.0	1220.0	1.5	38.2	23.4
92	60.0	1220.0	1.5	38.2	23.4
93	80.0	1220.0	1.5	38.7	23.4
94	100.0	1220.0	1.5	38.7	23.3
95	120.0	1220.0	1.5	38.7	23.4
96	140.0	1220.0	1.5	37.8	23.9
97	160.0	1220.0	1.5	36.9	27.0
98	180.0	1220.0	1.5	36.6	27.0
99	200.0	1220.0	1.5	36.4	27.0
100	220.0	1220.0	1.5	36.1	23.9
101	240.0	1220.0	1.5	35.6	23.1

102	260.0	1220.0	1.5	36.7	22.7
103	280.0	1220.0	1.5	37.0	22.4
104	300.0	1220.0	1.5	37.6	22.3
105	320.0	1220.0	1.5	38.3	22.1
106	340.0	1220.0	1.5	39.3	22.0
107	360.0	1220.0	1.5	39.5	21.9
108	380.0	1220.0	1.5	39.7	22.8
109	400.0	1220.0	1.5	39.6	22.7
110	420.0	1220.0	1.5	39.3	22.6
111	440.0	1220.0	1.5	40.2	22.7
112	460.0	1220.0	1.5	41.8	23.8
113	480.0	1220.0	1.5	41.7	25.9
114	500.0	1220.0	1.5	41.6	26.0
115	520.0	1220.0	1.5	41.6	26.1
116	540.0	1220.0	1.5	41.6	26.4
117	560.0	1220.0	1.5	41.9	27.7
118	580.0	1220.0	1.5	41.9	27.4
119	600.0	1220.0	1.5	41.8	27.2
120	620.0	1220.0	1.5	41.6	27.0
121	640.0	1220.0	1.5	41.4	26.7
122	660.0	1220.0	1.5	41.2	26.5
123	680.0	1220.0	1.5	41.0	26.3
124	700.0	1220.0	1.5	40.7	26.1
125	720.0	1220.0	1.5	40.5	25.9
126	740.0	1220.0	1.5	40.3	25.7
127	760.0	1220.0	1.5	40.1	25.5
128	780.0	1220.0	1.5	39.9	25.2
129	800.0	1220.0	1.5	39.6	24.9
130	820.0	1220.0	1.5	39.4	24.7
131	840.0	1220.0	1.5	39.2	24.4
132	860.0	1220.0	1.5	39.0	24.2
133	0.0	1200.0	1.5	38.3	24.8
134	20.0	1200.0	1.5	38.6	24.2
135	40.0	1200.0	1.5	38.6	24.0
136	60.0	1200.0	1.5	38.6	24.0
137	80.0	1200.0	1.5	39.1	24.0
138	100.0	1200.0	1.5	39.1	23.8
139	120.0	1200.0	1.5	39.1	23.9
140	140.0	1200.0	1.5	38.5	24.3
141	160.0	1200.0	1.5	37.3	27.4
142	180.0	1200.0	1.5	36.9	27.4
143	200.0	1200.0	1.5	36.8	27.4
144	220.0	1200.0	1.5	36.5	24.2
145	240.0	1200.0	1.5	36.1	23.6
146	260.0	1200.0	1.5	37.3	23.3
147	280.0	1200.0	1.5	37.9	23.1
148	300.0	1200.0	1.5	38.5	22.8
149	320.0	1200.0	1.5	38.9	22.7
150	340.0	1200.0	1.5	39.9	22.5
151	360.0	1200.0	1.5	40.7	22.3
152	380.0	1200.0	1.5	40.5	23.1
153	400.0	1200.0	1.5	40.0	23.0
154	420.0	1200.0	1.5	39.9	22.9
155	440.0	1200.0	1.5	40.8	23.4

156	460.0	1200.0	1.5	42.3	25.4
157	480.0	1200.0	1.5	42.1	26.3
158	500.0	1200.0	1.5	42.1	26.5
159	520.0	1200.0	1.5	42.0	26.6
160	540.0	1200.0	1.5	42.2	28.2
161	560.0	1200.0	1.5	42.4	28.0
162	580.0	1200.0	1.5	42.3	27.7
163	600.0	1200.0	1.5	42.1	27.5
164	620.0	1200.0	1.5	41.9	27.2
165	640.0	1200.0	1.5	41.7	27.0
166	660.0	1200.0	1.5	41.4	26.8
167	680.0	1200.0	1.5	41.2	26.6
168	700.0	1200.0	1.5	41.0	26.3
169	720.0	1200.0	1.5	40.8	26.1
170	740.0	1200.0	1.5	40.5	25.9
171	760.0	1200.0	1.5	40.3	25.7
172	780.0	1200.0	1.5	40.1	25.4
173	800.0	1200.0	1.5	39.8	25.1
174	820.0	1200.0	1.5	39.6	24.8
175	840.0	1200.0	1.5	39.4	24.6
176	860.0	1200.0	1.5	39.2	24.4
177	0.0	1180.0	1.5	38.5	25.4
178	20.0	1180.0	1.5	39.0	24.9
179	40.0	1180.0	1.5	39.2	24.6
180	60.0	1180.0	1.5	39.1	24.5
181	80.0	1180.0	1.5	39.2	24.5
182	100.0	1180.0	1.5	39.7	27.9
183	120.0	1180.0	1.5	39.7	27.9
184	140.0	1180.0	1.5	39.1	24.7
185	160.0	1180.0	1.5	37.7	27.8
186	180.0	1180.0	1.5	37.3	27.8
187	200.0	1180.0	1.5	37.2	27.8
188	220.0	1180.0	1.5	36.6	24.6
189	240.0	1180.0	1.5	37.4	24.1
190	260.0	1180.0	1.5	37.8	23.8
191	280.0	1180.0	1.5	38.2	23.6
192	300.0	1180.0	1.5	38.8	23.4
193	320.0	1180.0	1.5	39.8	23.1
194	340.0	1180.0	1.5	40.2	23.0
195	360.0	1180.0	1.5	41.1	23.7
196	380.0	1180.0	1.5	41.0	23.4
197	400.0	1180.0	1.5	40.5	23.3
198	420.0	1180.0	1.5	40.5	23.3
199	440.0	1180.0	1.5	41.4	24.1
200	460.0	1180.0	1.5	42.7	26.7
201	480.0	1180.0	1.5	42.6	26.8
202	500.0	1180.0	1.5	42.5	27.0
203	520.0	1180.0	1.5	42.6	28.7
204	540.0	1180.0	1.5	43.0	28.5
205	560.0	1180.0	1.5	42.9	28.3
206	580.0	1180.0	1.5	42.7	28.0
207	600.0	1180.0	1.5	42.4	27.7
208	620.0	1180.0	1.5	42.2	27.5
209	640.0	1180.0	1.5	41.9	27.3

210	660.0	1180.0	1.5	41.7	27.0
211	680.0	1180.0	1.5	41.5	26.8
212	700.0	1180.0	1.5	41.2	26.6
213	720.0	1180.0	1.5	41.0	26.3
214	740.0	1180.0	1.5	40.7	26.1
215	760.0	1180.0	1.5	40.5	25.9
216	780.0	1180.0	1.5	40.3	25.6
217	800.0	1180.0	1.5	40.0	25.4
218	820.0	1180.0	1.5	39.8	25.0
219	840.0	1180.0	1.5	39.6	24.8
220	860.0	1180.0	1.5	39.3	24.5
221	0.0	1160.0	1.5	38.9	27.9
222	20.0	1160.0	1.5	39.1	25.5
223	40.0	1160.0	1.5	39.7	28.3
224	60.0	1160.0	1.5	39.7	28.3
225	80.0	1160.0	1.5	39.8	28.3
226	100.0	1160.0	1.5	40.1	28.2
227	120.0	1160.0	1.5	40.2	28.2
228	140.0	1160.0	1.5	39.8	25.3
229	160.0	1160.0	1.5	38.3	28.3
230	180.0	1160.0	1.5	37.8	28.3
231	200.0	1160.0	1.5	37.7	28.2
232	220.0	1160.0	1.5	37.1	25.0
233	240.0	1160.0	1.5	37.8	24.6
234	260.0	1160.0	1.5	38.1	24.3
235	280.0	1160.0	1.5	38.1	24.2
236	300.0	1160.0	1.5	38.4	24.0
237	320.0	1160.0	1.5	40.0	23.8
238	340.0	1160.0	1.5	40.7	23.4
239	360.0	1160.0	1.5	41.5	23.9
240	380.0	1160.0	1.5	41.3	23.7
241	400.0	1160.0	1.5	40.6	23.6
242	420.0	1160.0	1.5	41.7	24.0
243	440.0	1160.0	1.5	43.3	25.3
244	460.0	1160.0	1.5	43.3	27.2
245	480.0	1160.0	1.5	43.1	27.4
246	500.0	1160.0	1.5	43.1	27.7
247	520.0	1160.0	1.5	43.5	29.1
248	540.0	1160.0	1.5	43.5	28.8
249	560.0	1160.0	1.5	43.2	28.6
250	580.0	1160.0	1.5	43.0	28.3
251	600.0	1160.0	1.5	42.7	28.0
252	620.0	1160.0	1.5	42.4	27.8
253	640.0	1160.0	1.5	42.2	27.5
254	660.0	1160.0	1.5	42.0	27.3
255	680.0	1160.0	1.5	41.7	27.0
256	700.0	1160.0	1.5	41.4	26.8
257	720.0	1160.0	1.5	41.2	26.5
258	740.0	1160.0	1.5	40.9	26.3
259	760.0	1160.0	1.5	40.7	26.0
260	780.0	1160.0	1.5	40.4	25.8
261	800.0	1160.0	1.5	40.2	25.5
262	820.0	1160.0	1.5	40.0	25.2
263	840.0	1160.0	1.5	39.7	24.9

264	860.0	1160.0	1.5	39.5	24.7
265	0.0	1140.0	1.5	39.1	28.3
266	20.0	1140.0	1.5	39.3	26.2
267	40.0	1140.0	1.5	40.0	28.7
268	60.0	1140.0	1.5	40.1	28.7
269	80.0	1140.0	1.5	40.3	28.7
270	100.0	1140.0	1.5	40.7	28.6
271	120.0	1140.0	1.5	40.7	28.6
272	140.0	1140.0	1.5	40.6	25.9
273	160.0	1140.0	1.5	39.0	28.8
274	180.0	1140.0	1.5	38.4	28.7
275	200.0	1140.0	1.5	38.3	28.7
276	220.0	1140.0	1.5	38.1	25.5
277	240.0	1140.0	1.5	38.6	28.5
278	260.0	1140.0	1.5	38.5	24.9
279	280.0	1140.0	1.5	38.5	24.7
280	300.0	1140.0	1.5	39.2	28.2
281	320.0	1140.0	1.5	40.5	24.3
282	340.0	1140.0	1.5	41.1	24.1
283	360.0	1140.0	1.5	41.8	24.3
284	380.0	1140.0	1.5	41.7	24.2
285	400.0	1140.0	1.5	41.7	24.1
286	420.0	1140.0	1.5	42.4	24.6
287	440.0	1140.0	1.5	43.9	27.5
288	460.0	1140.0	1.5	43.7	27.7
289	480.0	1140.0	1.5	43.6	27.9
290	500.0	1140.0	1.5	43.9	29.8
291	520.0	1140.0	1.5	44.0	29.5
292	540.0	1140.0	1.5	43.8	29.2
293	560.0	1140.0	1.5	43.6	28.9
294	580.0	1140.0	1.5	43.3	28.6
295	600.0	1140.0	1.5	43.0	28.4
296	620.0	1140.0	1.5	42.7	28.1
297	640.0	1140.0	1.5	42.5	27.8
298	660.0	1140.0	1.5	42.2	27.5
299	680.0	1140.0	1.5	41.9	27.3
300	700.0	1140.0	1.5	41.7	27.0
301	720.0	1140.0	1.5	41.4	26.7
302	740.0	1140.0	1.5	41.1	26.5
303	760.0	1140.0	1.5	40.9	26.2
304	780.0	1140.0	1.5	40.6	26.0
305	800.0	1140.0	1.5	40.4	25.7
306	820.0	1140.0	1.5	40.1	25.5
307	840.0	1140.0	1.5	39.9	25.1
308	860.0	1140.0	1.5	39.6	24.8
309	0.0	1120.0	1.5	39.4	28.8
310	20.0	1120.0	1.5	39.6	27.0
311	40.0	1120.0	1.5	40.0	29.2
312	60.0	1120.0	1.5	40.6	29.1
313	80.0	1120.0	1.5	40.7	29.1
314	100.0	1120.0	1.5	40.9	29.0
315	120.0	1120.0	1.5	41.3	29.0
316	140.0	1120.0	1.5	41.2	26.5
317	160.0	1120.0	1.5	39.9	29.3

318	180.0	1120.0	1.5	39.0	29.2
319	200.0	1120.0	1.5	38.8	29.2
320	220.0	1120.0	1.5	38.9	29.0
321	240.0	1120.0	1.5	39.3	28.7
322	260.0	1120.0	1.5	39.6	28.8
323	280.0	1120.0	1.5	39.8	28.6
324	300.0	1120.0	1.5	39.7	28.3
325	320.0	1120.0	1.5	41.1	28.3
326	340.0	1120.0	1.5	42.3	25.5
327	360.0	1120.0	1.5	42.3	24.8
328	380.0	1120.0	1.5	42.2	24.6
329	400.0	1120.0	1.5	42.5	24.6
330	420.0	1120.0	1.5	44.6	25.8
331	440.0	1120.0	1.5	44.5	28.1
332	460.0	1120.0	1.5	44.3	28.3
333	480.0	1120.0	1.5	44.4	30.5
334	500.0	1120.0	1.5	44.6	30.2
335	520.0	1120.0	1.5	44.5	29.8
336	540.0	1120.0	1.5	44.2	29.5
337	560.0	1120.0	1.5	43.9	29.2
338	580.0	1120.0	1.5	43.6	28.9
339	600.0	1120.0	1.5	43.3	28.6
340	620.0	1120.0	1.5	43.0	28.4
341	640.0	1120.0	1.5	42.7	28.1
342	660.0	1120.0	1.5	42.5	27.8
343	680.0	1120.0	1.5	42.2	27.5
344	700.0	1120.0	1.5	41.9	27.2
345	720.0	1120.0	1.5	41.6	26.9
346	740.0	1120.0	1.5	41.3	26.7
347	760.0	1120.0	1.5	41.1	26.4
348	780.0	1120.0	1.5	40.8	26.1
349	800.0	1120.0	1.5	40.5	25.9
350	820.0	1120.0	1.5	40.3	25.6
351	840.0	1120.0	1.5	40.0	25.3
352	860.0	1120.0	1.5	39.8	25.0
353	0.0	1100.0	1.5	39.8	29.3
354	20.0	1100.0	1.5	39.8	27.7
355	40.0	1100.0	1.5	40.3	29.7
356	60.0	1100.0	1.5	40.8	29.5
357	80.0	1100.0	1.5	41.2	29.5
358	100.0	1100.0	1.5	41.6	29.5
359	120.0	1100.0	1.5	41.8	29.4
360	140.0	1100.0	1.5	41.9	29.8
361	160.0	1100.0	1.5	41.2	29.8
362	180.0	1100.0	1.5	39.8	29.8
363	200.0	1100.0	1.5	39.6	29.7
364	220.0	1100.0	1.5	40.1	29.1
365	240.0	1100.0	1.5	40.1	28.9
366	260.0	1100.0	1.5	40.4	29.1
367	280.0	1100.0	1.5	40.2	28.6
368	300.0	1100.0	1.5	40.6	28.3
369	320.0	1100.0	1.5	41.8	28.4
370	340.0	1100.0	1.5	43.0	25.5
371	360.0	1100.0	1.5	42.9	25.3

372	380.0	1100.0	1.5	42.7	25.2
373	400.0	1100.0	1.5	43.5	25.5
374	420.0	1100.0	1.5	45.3	28.5
375	440.0	1100.0	1.5	45.0	28.7
376	460.0	1100.0	1.5	45.0	29.3
377	480.0	1100.0	1.5	45.3	30.9
378	500.0	1100.0	1.5	45.2	30.6
379	520.0	1100.0	1.5	44.9	30.2
380	540.0	1100.0	1.5	44.6	29.9
381	560.0	1100.0	1.5	44.2	29.6
382	580.0	1100.0	1.5	43.9	29.3
383	600.0	1100.0	1.5	43.6	28.9
384	620.0	1100.0	1.5	43.3	28.6
385	640.0	1100.0	1.5	43.0	28.3
386	660.0	1100.0	1.5	42.7	28.0
387	680.0	1100.0	1.5	42.4	27.7
388	700.0	1100.0	1.5	42.1	27.4
389	720.0	1100.0	1.5	41.8	27.1
390	740.0	1100.0	1.5	41.5	26.8
391	760.0	1100.0	1.5	41.2	26.6
392	780.0	1100.0	1.5	41.0	26.3
393	800.0	1100.0	1.5	40.7	26.0
394	820.0	1100.0	1.5	40.4	25.8
395	840.0	1100.0	1.5	40.2	25.5
396	860.0	1100.0	1.5	39.9	25.2
397	0.0	1080.0	1.5	40.4	29.8
398	20.0	1080.0	1.5	40.3	30.0
399	40.0	1080.0	1.5	40.4	30.2
400	60.0	1080.0	1.5	40.8	30.0
401	80.0	1080.0	1.5	41.8	29.9
402	100.0	1080.0	1.5	42.0	29.9
403	120.0	1080.0	1.5	42.5	29.9
404	140.0	1080.0	1.5	42.6	30.2
405	160.0	1080.0	1.5	42.2	30.3
406	180.0	1080.0	1.5	40.7	30.3
407	200.0	1080.0	1.5	40.7	30.2
408	220.0	1080.0	1.5	41.0	29.3
409	240.0	1080.0	1.5	41.1	29.0
410	260.0	1080.0	1.5	41.0	29.3
411	280.0	1080.0	1.5	40.9	28.5
412	300.0	1080.0	1.5	41.0	28.3
413	320.0	1080.0	1.5	42.3	28.4
414	340.0	1080.0	1.5	43.5	26.1
415	360.0	1080.0	1.5	43.4	25.9
416	380.0	1080.0	1.5	43.7	25.8
417	400.0	1080.0	1.5	44.5	26.5
418	420.0	1080.0	1.5	45.9	29.1
419	440.0	1080.0	1.5	45.7	29.5
420	460.0	1080.0	1.5	46.0	31.8
421	480.0	1080.0	1.5	46.0	31.4
422	500.0	1080.0	1.5	45.6	31.0
423	520.0	1080.0	1.5	45.3	30.6
424	540.0	1080.0	1.5	44.9	30.3
425	560.0	1080.0	1.5	44.6	29.9

426	580.0	1080.0	1.5	44.3	29.6
427	600.0	1080.0	1.5	43.9	29.2
428	620.0	1080.0	1.5	43.6	28.9
429	640.0	1080.0	1.5	43.3	28.5
430	660.0	1080.0	1.5	42.9	28.2
431	680.0	1080.0	1.5	42.6	27.9
432	700.0	1080.0	1.5	42.3	27.6
433	720.0	1080.0	1.5	42.0	27.3
434	740.0	1080.0	1.5	41.7	27.0
435	760.0	1080.0	1.5	41.4	26.7
436	780.0	1080.0	1.5	41.2	26.5
437	800.0	1080.0	1.5	40.9	26.2
438	820.0	1080.0	1.5	40.6	25.9
439	840.0	1080.0	1.5	40.3	25.6
440	860.0	1080.0	1.5	40.1	25.3
441	0.0	1060.0	1.5	41.2	30.4
442	20.0	1060.0	1.5	40.8	30.6
443	40.0	1060.0	1.5	40.8	30.9
444	60.0	1060.0	1.5	41.0	30.6
445	80.0	1060.0	1.5	41.7	30.5
446	100.0	1060.0	1.5	42.6	30.5
447	120.0	1060.0	1.5	43.1	30.3
448	140.0	1060.0	1.5	43.5	30.6
449	160.0	1060.0	1.5	43.6	30.9
450	180.0	1060.0	1.5	42.0	30.8
451	200.0	1060.0	1.5	42.3	31.3
452	220.0	1060.0	1.5	42.7	29.4
453	240.0	1060.0	1.5	42.7	29.3
454	260.0	1060.0	1.5	42.7	29.4
455	280.0	1060.0	1.5	42.1	28.4
456	300.0	1060.0	1.5	41.8	28.3
457	320.0	1060.0	1.5	42.9	28.6
458	340.0	1060.0	1.5	44.1	26.7
459	360.0	1060.0	1.5	44.1	26.5
460	380.0	1060.0	1.5	44.5	26.5
461	400.0	1060.0	1.5	46.9	28.0
462	420.0	1060.0	1.5	46.6	29.8
463	440.0	1060.0	1.5	46.6	32.7
464	460.0	1060.0	1.5	46.8	32.3
465	480.0	1060.0	1.5	46.5	31.9
466	500.0	1060.0	1.5	46.1	31.4
467	520.0	1060.0	1.5	45.7	31.0
468	540.0	1060.0	1.5	45.3	30.6
469	560.0	1060.0	1.5	45.0	30.2
470	580.0	1060.0	1.5	44.6	29.9
471	600.0	1060.0	1.5	44.2	29.5
472	620.0	1060.0	1.5	43.9	29.1
473	640.0	1060.0	1.5	43.5	28.8
474	660.0	1060.0	1.5	43.2	28.4
475	680.0	1060.0	1.5	42.9	28.1
476	700.0	1060.0	1.5	42.5	27.8
477	720.0	1060.0	1.5	42.2	27.5
478	740.0	1060.0	1.5	41.9	27.2
479	760.0	1060.0	1.5	41.6	26.9

480	780.0	1060.0	1.5	41.3	26.6
481	800.0	1060.0	1.5	41.0	26.3
482	820.0	1060.0	1.5	40.8	26.0
483	840.0	1060.0	1.5	40.5	25.7
484	860.0	1060.0	1.5	40.2	25.4
485	0.0	1040.0	1.5	41.5	31.0
486	20.0	1040.0	1.5	41.8	31.3
487	40.0	1040.0	1.5	41.2	31.7
488	60.0	1040.0	1.5	41.1	31.4
489	80.0	1040.0	1.5	41.6	31.2
490	100.0	1040.0	1.5	43.2	31.1
491	120.0	1040.0	1.5	44.0	31.0
492	140.0	1040.0	1.5	44.6	31.0
493	160.0	1040.0	1.5	44.9	31.5
494	180.0	1040.0	1.5	43.8	31.5
495	200.0	1040.0	1.5	44.6	31.4
496	220.0	1040.0	1.5	45.7	29.9
497	240.0	1040.0	1.5	46.4	29.8
498	260.0	1040.0	1.5	45.8	29.7
499	280.0	1040.0	1.5	44.4	29.0
500	300.0	1040.0	1.5	43.0	28.8
501	320.0	1040.0	1.5	43.7	27.8
502	340.0	1040.0	1.5	44.9	27.3
503	360.0	1040.0	1.5	44.9	27.2
504	380.0	1040.0	1.5	46.1	27.5
505	400.0	1040.0	1.5	47.7	30.3
506	420.0	1040.0	1.5	47.4	31.0
507	440.0	1040.0	1.5	47.7	33.4
508	460.0	1040.0	1.5	47.4	32.9
509	480.0	1040.0	1.5	47.0	32.4
510	500.0	1040.0	1.5	46.5	31.9
511	520.0	1040.0	1.5	46.1	31.4
512	540.0	1040.0	1.5	45.7	31.0
513	560.0	1040.0	1.5	45.3	30.5
514	580.0	1040.0	1.5	44.9	30.1
515	600.0	1040.0	1.5	44.5	29.7
516	620.0	1040.0	1.5	44.1	29.3
517	640.0	1040.0	1.5	43.8	29.0
518	660.0	1040.0	1.5	43.4	28.6
519	680.0	1040.0	1.5	43.1	28.3
520	700.0	1040.0	1.5	42.7	28.0
521	720.0	1040.0	1.5	42.4	27.6
522	740.0	1040.0	1.5	42.1	27.3
523	760.0	1040.0	1.5	41.8	27.0
524	780.0	1040.0	1.5	41.5	26.7
525	800.0	1040.0	1.5	41.2	26.4
526	820.0	1040.0	1.5	40.9	26.1
527	840.0	1040.0	1.5	40.6	25.8
528	860.0	1040.0	1.5	40.3	25.5
529	0.0	1020.0	1.5	42.2	31.7
530	20.0	1020.0	1.5	42.3	32.1
531	40.0	1020.0	1.5	42.0	32.7
532	60.0	1020.0	1.5	41.6	32.2
533	80.0	1020.0	1.5	41.7	32.1

534	100.0	1020.0	1.5	43.0	31.9
535	120.0	1020.0	1.5	45.3	31.7
536	140.0	1020.0	1.5	47.1	31.6
537	160.0	1020.0	1.5	47.4	32.1
538	180.0	1020.0	1.5	46.6	32.1
539	200.0	1020.0	1.5	47.8	31.5
540	220.0	1020.0	1.5	51.2	31.0
541	240.0	1020.0	1.5	55.2	31.2
542	260.0	1020.0	1.5	51.8	30.2
543	280.0	1020.0	1.5	48.1	29.3
544	300.0	1020.0	1.5	45.5	28.8
545	320.0	1020.0	1.5	45.2	28.2
546	340.0	1020.0	1.5	46.2	28.0
547	360.0	1020.0	1.5	46.1	27.9
548	380.0	1020.0	1.5	48.9	29.1
549	400.0	1020.0	1.5	48.6	31.6
550	420.0	1020.0	1.5	48.7	34.7
551	440.0	1020.0	1.5	48.5	34.0
552	460.0	1020.0	1.5	48.0	33.5
553	480.0	1020.0	1.5	47.5	32.9
554	500.0	1020.0	1.5	47.0	32.4
555	520.0	1020.0	1.5	46.5	31.8
556	540.0	1020.0	1.5	46.1	31.3
557	560.0	1020.0	1.5	45.6	30.9
558	580.0	1020.0	1.5	45.2	30.4
559	600.0	1020.0	1.5	44.8	30.0
560	620.0	1020.0	1.5	44.4	29.6
561	640.0	1020.0	1.5	44.0	29.2
562	660.0	1020.0	1.5	43.6	28.8
563	680.0	1020.0	1.5	43.3	28.4
564	700.0	1020.0	1.5	42.9	28.1
565	720.0	1020.0	1.5	42.6	27.8
566	740.0	1020.0	1.5	42.3	27.4
567	760.0	1020.0	1.5	41.9	27.1
568	780.0	1020.0	1.5	41.6	26.8
569	800.0	1020.0	1.5	41.3	26.5
570	820.0	1020.0	1.5	41.0	26.2
571	840.0	1020.0	1.5	40.7	25.9
572	860.0	1020.0	1.5	40.5	25.6
573	0.0	1000.0	1.5	42.7	32.5
574	20.0	1000.0	1.5	43.0	33.0
575	40.0	1000.0	1.5	43.2	33.4
576	60.0	1000.0	1.5	42.2	33.4
577	80.0	1000.0	1.5	42.2	33.2
578	100.0	1000.0	1.5	43.3	33.0
579	120.0	1000.0	1.5	47.8	32.6
580	140.0	1000.0	1.5	56.5	32.2
581	160.0	1000.0	1.5	53.2	32.7
582	180.0	1000.0	1.5	54.0	32.8
583	200.0	1000.0	1.5	52.3	32.2
584	220.0	1000.0	1.5	60.0	33.7
585	240.0	1000.0	1.5	62.7	36.7
586	260.0	1000.0	1.5	64.3	32.5
587	280.0	1000.0	1.5	54.8	29.6

588	300.0	1000.0	1.5	50.0	27.9
589	320.0	1000.0	1.5	47.2	28.1
590	340.0	1000.0	1.5	47.7	29.0
591	360.0	1000.0	1.5	47.6	29.5
592	380.0	1000.0	1.5	50.1	31.8
593	400.0	1000.0	1.5	49.9	36.2
594	420.0	1000.0	1.5	49.7	35.5
595	440.0	1000.0	1.5	49.2	34.8
596	460.0	1000.0	1.5	48.6	34.1
597	480.0	1000.0	1.5	48.0	33.4
598	500.0	1000.0	1.5	47.5	32.8
599	520.0	1000.0	1.5	46.9	32.2
600	540.0	1000.0	1.5	46.4	31.6
601	560.0	1000.0	1.5	46.0	31.1
602	580.0	1000.0	1.5	45.5	30.7
603	600.0	1000.0	1.5	45.1	30.2
604	620.0	1000.0	1.5	44.6	29.8
605	640.0	1000.0	1.5	44.2	29.3
606	660.0	1000.0	1.5	43.9	28.9
607	680.0	1000.0	1.5	43.5	28.6
608	700.0	1000.0	1.5	43.1	28.2
609	720.0	1000.0	1.5	42.8	27.9
610	740.0	1000.0	1.5	42.4	27.5
611	760.0	1000.0	1.5	42.1	27.2
612	780.0	1000.0	1.5	41.8	26.9
613	800.0	1000.0	1.5	41.5	26.6
614	820.0	1000.0	1.5	41.2	26.3
615	840.0	1000.0	1.5	40.9	26.0
616	860.0	1000.0	1.5	40.6	25.8
617	0.0	980.0	1.5	43.2	33.4
618	20.0	980.0	1.5	43.6	34.1
619	40.0	980.0	1.5	44.0	34.6
620	60.0	980.0	1.5	44.1	34.8
621	80.0	980.0	1.5	42.8	34.7
622	100.0	980.0	1.5	43.7	34.4
623	120.0	980.0	1.5	47.3	33.8
624	140.0	980.0	1.5	54.4	32.9
625	160.0	980.0	1.5	58.5	33.3
626	180.0	980.0	1.5	58.6	33.3
627	200.0	980.0	1.5	59.9	33.6
628	220.0	980.0	1.5	62.0	40.0
631	280.0	980.0	1.5	67.1	25.7
632	300.0	980.0	1.5	58.7	26.0
633	320.0	980.0	1.5	52.3	29.6
634	340.0	980.0	1.5	50.3	30.5
635	360.0	980.0	1.5	50.0	30.7
636	380.0	980.0	1.5	51.4	34.4
637	400.0	980.0	1.5	51.3	37.3
638	420.0	980.0	1.5	50.6	36.4
639	440.0	980.0	1.5	49.9	35.5
640	460.0	980.0	1.5	49.2	34.7
641	480.0	980.0	1.5	48.6	33.9
642	500.0	980.0	1.5	47.9	33.2
643	520.0	980.0	1.5	47.4	32.5

644	540.0	980.0	1.5	46.8	31.9
645	560.0	980.0	1.5	46.3	31.4
646	580.0	980.0	1.5	45.8	30.8
647	600.0	980.0	1.5	45.3	30.4
648	620.0	980.0	1.5	44.9	29.9
649	640.0	980.0	1.5	44.5	29.5
650	660.0	980.0	1.5	44.0	29.1
651	680.0	980.0	1.5	43.7	28.7
652	700.0	980.0	1.5	43.3	28.3
653	720.0	980.0	1.5	42.9	28.0
654	740.0	980.0	1.5	42.6	27.7
655	760.0	980.0	1.5	42.2	27.3
656	780.0	980.0	1.5	41.9	27.0
657	800.0	980.0	1.5	41.6	26.7
658	820.0	980.0	1.5	41.3	26.4
659	840.0	980.0	1.5	41.0	26.1
660	860.0	980.0	1.5	40.7	25.8
661	0.0	960.0	1.5	43.8	34.5
662	20.0	960.0	1.5	44.2	35.4
663	40.0	960.0	1.5	44.7	36.3
664	60.0	960.0	1.5	45.2	37.0
665	80.0	960.0	1.5	44.7	36.9
666	100.0	960.0	1.5	44.0	36.3
667	120.0	960.0	1.5	45.5	35.2
668	140.0	960.0	1.5	49.7	33.8
669	160.0	960.0	1.5	54.1	34.2
670	180.0	960.0	1.5	62.5	33.8
671	200.0	960.0	1.5	68.7	32.1
677	320.0	960.0	1.5	65.6	32.2
678	340.0	960.0	1.5	54.5	32.9
679	360.0	960.0	1.5	53.7	34.8
680	380.0	960.0	1.5	53.3	39.9
681	400.0	960.0	1.5	52.4	38.5
682	420.0	960.0	1.5	51.5	37.3
683	440.0	960.0	1.5	50.6	36.2
684	460.0	960.0	1.5	49.8	35.2
685	480.0	960.0	1.5	49.1	34.3
686	500.0	960.0	1.5	48.4	33.5
687	520.0	960.0	1.5	47.7	32.8
688	540.0	960.0	1.5	47.1	32.2
689	560.0	960.0	1.5	46.6	31.6
690	580.0	960.0	1.5	46.1	31.1
691	600.0	960.0	1.5	45.6	30.6
692	620.0	960.0	1.5	45.1	30.1
693	640.0	960.0	1.5	44.7	29.6
694	660.0	960.0	1.5	44.2	29.2
695	680.0	960.0	1.5	43.8	28.8
696	700.0	960.0	1.5	43.4	28.5
697	720.0	960.0	1.5	43.1	28.1
698	740.0	960.0	1.5	42.7	27.8
699	760.0	960.0	1.5	42.4	27.4
700	780.0	960.0	1.5	42.0	27.1
701	800.0	960.0	1.5	41.7	26.8
702	820.0	960.0	1.5	41.4	26.5

703	840.0	960.0	1.5	41.1	26.2
704	860.0	960.0	1.5	40.8	25.9
705	0.0	940.0	1.5	44.4	35.4
706	20.0	940.0	1.5	44.9	36.9
707	40.0	940.0	1.5	45.5	38.5
708	60.0	940.0	1.5	46.3	40.2
709	80.0	940.0	1.5	46.8	40.4
710	100.0	940.0	1.5	45.2	39.1
711	120.0	940.0	1.5	45.5	37.1
712	140.0	940.0	1.5	48.9	34.8
713	160.0	940.0	1.5	56.4	34.0
714	180.0	940.0	1.5	64.9	33.2
721	320.0	940.0	1.5	68.2	37.1
722	340.0	940.0	1.5	55.7	35.2
723	360.0	940.0	1.5	55.9	43.8
724	380.0	940.0	1.5	54.8	41.7
725	400.0	940.0	1.5	53.6	39.8
726	420.0	940.0	1.5	52.4	38.1
727	440.0	940.0	1.5	51.4	36.8
728	460.0	940.0	1.5	50.4	35.6
729	480.0	940.0	1.5	49.6	34.6
730	500.0	940.0	1.5	48.8	33.8
731	520.0	940.0	1.5	48.1	33.0
732	540.0	940.0	1.5	47.4	32.4
733	560.0	940.0	1.5	46.9	31.8
734	580.0	940.0	1.5	46.3	31.2
735	600.0	940.0	1.5	45.8	30.7
736	620.0	940.0	1.5	45.3	30.2
737	640.0	940.0	1.5	44.8	29.8
738	660.0	940.0	1.5	44.4	29.3
739	680.0	940.0	1.5	44.0	28.9
740	700.0	940.0	1.5	43.6	28.6
741	720.0	940.0	1.5	43.2	28.2
742	740.0	940.0	1.5	42.9	27.9
743	760.0	940.0	1.5	42.5	27.5
744	780.0	940.0	1.5	42.2	27.2
745	800.0	940.0	1.5	41.8	26.9
746	820.0	940.0	1.5	41.5	26.6
747	840.0	940.0	1.5	41.2	26.3
748	860.0	940.0	1.5	40.9	26.0
749	0.0	920.0	1.5	45.3	36.5
750	20.0	920.0	1.5	45.9	38.6
751	40.0	920.0	1.5	46.7	40.9
752	60.0	920.0	1.5	48.4	45.0
753	80.0	920.0	1.5	49.1	45.9
754	100.0	920.0	1.5	48.4	42.9
755	120.0	920.0	1.5	45.4	38.9
757	160.0	920.0	1.5	55.3	29.2
758	180.0	920.0	1.5	72.0	32.9
759	200.0	920.0	1.5	65.3	33.1
765	320.0	920.0	1.5	55.5	42.2
766	340.0	920.0	1.5	56.7	41.1
767	360.0	920.0	1.5	58.3	46.8
768	380.0	920.0	1.5	56.5	43.5

769	400.0	920.0	1.5	54.8	40.9
770	420.0	920.0	1.5	53.4	38.8
771	440.0	920.0	1.5	52.1	37.2
772	460.0	920.0	1.5	51.0	36.0
773	480.0	920.0	1.5	50.0	34.9
774	500.0	920.0	1.5	49.2	34.0
775	520.0	920.0	1.5	48.4	33.2
776	540.0	920.0	1.5	47.7	32.5
777	560.0	920.0	1.5	47.1	31.9
778	580.0	920.0	1.5	46.5	31.3
779	600.0	920.0	1.5	46.0	30.8
780	620.0	920.0	1.5	45.5	30.3
781	640.0	920.0	1.5	45.0	29.9
782	660.0	920.0	1.5	44.6	29.4
783	680.0	920.0	1.5	44.1	29.0
784	700.0	920.0	1.5	43.7	28.6
785	720.0	920.0	1.5	43.3	28.3
786	740.0	920.0	1.5	43.0	27.9
787	760.0	920.0	1.5	42.6	27.6
788	780.0	920.0	1.5	42.3	27.3
789	800.0	920.0	1.5	41.9	27.0
790	820.0	920.0	1.5	41.6	26.7
791	840.0	920.0	1.5	41.3	26.4
792	860.0	920.0	1.5	41.0	26.1
793	0.0	900.0	1.5	46.8	38.9
794	20.0	900.0	1.5	47.6	40.9
795	40.0	900.0	1.5	48.1	43.0
796	60.0	900.0	1.5	50.1	47.5
797	80.0	900.0	1.5	50.9	48.6
798	100.0	900.0	1.5	49.2	44.3
799	120.0	900.0	1.5	48.8	40.0
801	160.0	900.0	1.5	53.5	33.2
802	180.0	900.0	1.5	60.7	34.0
803	200.0	900.0	1.5	63.8	34.0
810	340.0	900.0	1.5	64.2	57.0
811	360.0	900.0	1.5	61.1	49.3
812	380.0	900.0	1.5	58.4	44.7
813	400.0	900.0	1.5	56.1	41.6
814	420.0	900.0	1.5	54.3	39.3
815	440.0	900.0	1.5	52.7	37.6
816	460.0	900.0	1.5	51.5	36.2
817	480.0	900.0	1.5	50.4	35.1
818	500.0	900.0	1.5	49.5	34.2
819	520.0	900.0	1.5	48.7	33.4
820	540.0	900.0	1.5	48.0	32.7
821	560.0	900.0	1.5	47.3	32.0
822	580.0	900.0	1.5	46.7	31.5
823	600.0	900.0	1.5	46.1	30.9
824	620.0	900.0	1.5	45.6	30.4
825	640.0	900.0	1.5	45.1	30.0
826	660.0	900.0	1.5	44.7	29.6
827	680.0	900.0	1.5	44.3	29.1
828	700.0	900.0	1.5	43.8	28.7
829	720.0	900.0	1.5	43.5	28.4

830	740.0	900.0	1.5	43.1	28.0
831	760.0	900.0	1.5	42.7	27.7
832	780.0	900.0	1.5	42.4	27.4
833	800.0	900.0	1.5	42.0	27.1
834	820.0	900.0	1.5	41.7	26.7
835	840.0	900.0	1.5	41.4	26.4
836	860.0	900.0	1.5	41.1	26.2
837	0.0	880.0	1.5	52.0	45.2
838	20.0	880.0	1.5	53.2	47.0
839	40.0	880.0	1.5	50.5	45.4
840	60.0	880.0	1.5	51.4	48.8
841	80.0	880.0	1.5	51.8	49.5
842	100.0	880.0	1.5	49.9	44.8
843	120.0	880.0	1.5	49.6	40.6
844	140.0	880.0	1.5	50.8	37.8
845	160.0	880.0	1.5	52.8	36.5
846	180.0	880.0	1.5	57.3	35.4
847	200.0	880.0	1.5	72.4	34.7
853	320.0	880.0	1.5	72.8	63.1
854	340.0	880.0	1.5	70.5	56.8
855	360.0	880.0	1.5	64.2	49.3
856	380.0	880.0	1.5	60.2	44.8
857	400.0	880.0	1.5	57.2	41.6
858	420.0	880.0	1.5	55.0	39.3
859	440.0	880.0	1.5	53.2	37.6
860	460.0	880.0	1.5	51.8	36.3
861	480.0	880.0	1.5	50.7	35.2
862	500.0	880.0	1.5	49.7	34.3
863	520.0	880.0	1.5	48.9	33.5
864	540.0	880.0	1.5	48.1	32.8
865	560.0	880.0	1.5	47.5	32.1
866	580.0	880.0	1.5	46.9	31.6
867	600.0	880.0	1.5	46.3	31.0
868	620.0	880.0	1.5	45.8	30.6
869	640.0	880.0	1.5	45.3	30.1
870	660.0	880.0	1.5	44.8	29.6
871	680.0	880.0	1.5	44.4	29.2
872	700.0	880.0	1.5	43.9	28.8
873	720.0	880.0	1.5	43.6	28.5
874	740.0	880.0	1.5	43.2	28.1
875	760.0	880.0	1.5	42.8	27.8
876	780.0	880.0	1.5	42.5	27.4
877	800.0	880.0	1.5	42.1	27.1
878	820.0	880.0	1.5	41.8	26.8
879	840.0	880.0	1.5	41.5	26.5
880	860.0	880.0	1.5	41.2	26.2
881	0.0	860.0	1.5	53.7	47.1
882	20.0	860.0	1.5	70.1	64.4
883	40.0	860.0	1.5	55.1	49.3
884	60.0	860.0	1.5	52.9	49.6
885	80.0	860.0	1.5	53.3	51.0
886	100.0	860.0	1.5	51.0	45.2
887	120.0	860.0	1.5	50.7	40.6
888	140.0	860.0	1.5	51.7	37.9

889	160.0	860.0	1.5	53.2	37.2
890	180.0	860.0	1.5	57.2	36.2
891	200.0	860.0	1.5	66.5	35.2
892	220.0	860.0	1.5	57.0	34.7
894	260.0	860.0	1.5	75.3	35.7
897	320.0	860.0	1.5	89.9	51.8
898	340.0	860.0	1.5	74.6	50.5
899	360.0	860.0	1.5	66.8	46.9
900	380.0	860.0	1.5	61.4	43.6
901	400.0	860.0	1.5	57.9	41.0
902	420.0	860.0	1.5	55.4	39.0
903	440.0	860.0	1.5	53.5	37.5
904	460.0	860.0	1.5	52.1	36.2
905	480.0	860.0	1.5	50.9	35.2
906	500.0	860.0	1.5	49.9	34.3
907	520.0	860.0	1.5	49.0	33.5
908	540.0	860.0	1.5	48.3	32.8
909	560.0	860.0	1.5	47.6	32.2
910	580.0	860.0	1.5	47.0	31.6
911	600.0	860.0	1.5	46.4	31.1
912	620.0	860.0	1.5	45.9	30.6
913	640.0	860.0	1.5	45.4	30.2
914	660.0	860.0	1.5	44.9	29.7
915	680.0	860.0	1.5	44.5	29.3
916	700.0	860.0	1.5	44.0	28.9
917	720.0	860.0	1.5	43.6	28.5
918	740.0	860.0	1.5	43.3	28.2
919	760.0	860.0	1.5	42.9	27.8
920	780.0	860.0	1.5	42.5	27.5
921	800.0	860.0	1.5	42.2	27.2
922	820.0	860.0	1.5	41.9	26.9
923	840.0	860.0	1.5	41.5	26.6
924	860.0	860.0	1.5	41.2	26.3
925	0.0	840.0	1.5	50.0	42.5
926	20.0	840.0	1.5	55.6	49.3
927	40.0	840.0	1.5	69.5	63.2
928	60.0	840.0	1.5	55.4	49.1
929	80.0	840.0	1.5	52.3	46.1
930	100.0	840.0	1.5	51.4	43.1
931	120.0	840.0	1.5	51.7	40.1
932	140.0	840.0	1.5	52.8	37.9
933	160.0	840.0	1.5	54.4	37.4
934	180.0	840.0	1.5	58.6	36.4
935	200.0	840.0	1.5	63.4	35.7
936	220.0	840.0	1.5	59.3	35.1
937	240.0	840.0	1.5	59.5	35.6
938	260.0	840.0	1.5	68.3	34.9
939	280.0	840.0	1.5	63.3	36.3
940	300.0	840.0	1.5	69.8	45.2
941	320.0	840.0	1.5	76.1	46.2
942	340.0	840.0	1.5	79.9	45.7
943	360.0	840.0	1.5	67.2	44.0
944	380.0	840.0	1.5	61.4	41.9
945	400.0	840.0	1.5	57.9	40.0

946	420.0	840.0	1.5	55.4	38.3
947	440.0	840.0	1.5	53.5	37.1
948	460.0	840.0	1.5	52.1	36.0
949	480.0	840.0	1.5	50.9	35.0
950	500.0	840.0	1.5	50.0	34.2
951	520.0	840.0	1.5	49.1	33.5
952	540.0	840.0	1.5	48.3	32.8
953	560.0	840.0	1.5	47.7	32.2
954	580.0	840.0	1.5	47.0	31.7
955	600.0	840.0	1.5	46.5	31.1
956	620.0	840.0	1.5	45.9	30.7
957	640.0	840.0	1.5	45.4	30.2
958	660.0	840.0	1.5	45.0	29.8
959	680.0	840.0	1.5	44.5	29.4
960	700.0	840.0	1.5	44.1	29.0
961	720.0	840.0	1.5	43.7	28.6
962	740.0	840.0	1.5	43.3	28.2
963	760.0	840.0	1.5	43.0	27.9
964	780.0	840.0	1.5	42.6	27.6
965	800.0	840.0	1.5	42.3	27.3
966	820.0	840.0	1.5	41.9	26.9
967	840.0	840.0	1.5	41.6	26.6
968	860.0	840.0	1.5	41.3	26.3
969	0.0	820.0	1.5	48.6	39.5
970	20.0	820.0	1.5	51.6	43.3
971	40.0	820.0	1.5	56.8	49.7
972	60.0	820.0	1.5	68.9	62.3
973	80.0	820.0	1.5	55.6	48.3
974	100.0	820.0	1.5	52.8	43.4
975	120.0	820.0	1.5	52.9	40.4
976	140.0	820.0	1.5	54.1	38.3
977	160.0	820.0	1.5	55.8	37.9
978	180.0	820.0	1.5	60.8	37.0
979	200.0	820.0	1.5	62.3	36.2
980	220.0	820.0	1.5	61.7	35.9
981	240.0	820.0	1.5	61.8	35.8
982	260.0	820.0	1.5	69.6	35.6
983	280.0	820.0	1.5	62.9	41.4
984	300.0	820.0	1.5	65.4	42.3
985	320.0	820.0	1.5	69.0	42.8
986	340.0	820.0	1.5	70.1	42.5
987	360.0	820.0	1.5	64.5	41.6
988	380.0	820.0	1.5	60.2	40.3
989	400.0	820.0	1.5	57.2	38.9
990	420.0	820.0	1.5	55.0	37.7
991	440.0	820.0	1.5	53.4	36.6
992	460.0	820.0	1.5	52.0	35.8
993	480.0	820.0	1.5	50.9	34.9
994	500.0	820.0	1.5	49.9	34.2
995	520.0	820.0	1.5	49.1	33.5
996	540.0	820.0	1.5	48.4	32.8
997	560.0	820.0	1.5	47.7	32.3
998	580.0	820.0	1.5	47.1	31.7
999	600.0	820.0	1.5	46.5	31.2

1000	620.0	820.0	1.5	46.0	30.7
1001	640.0	820.0	1.5	45.5	30.3
1002	660.0	820.0	1.5	45.0	29.9
1003	680.0	820.0	1.5	44.6	29.4
1004	700.0	820.0	1.5	44.2	29.1
1005	720.0	820.0	1.5	43.8	28.7
1006	740.0	820.0	1.5	43.4	28.3
1007	760.0	820.0	1.5	43.0	28.0
1008	780.0	820.0	1.5	42.6	27.6
1009	800.0	820.0	1.5	42.3	27.3
1010	820.0	820.0	1.5	42.0	27.0
1011	840.0	820.0	1.5	41.7	26.7
1012	860.0	820.0	1.5	41.3	26.4
1013	0.0	800.0	1.5	48.2	38.1
1014	20.0	800.0	1.5	50.9	39.8
1015	40.0	800.0	1.5	56.5	43.6
1016	60.0	800.0	1.5	59.2	50.2
1017	80.0	800.0	1.5	68.2	61.5
1018	100.0	800.0	1.5	56.0	48.0
1019	120.0	800.0	1.5	55.1	42.8
1020	140.0	800.0	1.5	56.5	39.8
1021	160.0	800.0	1.5	58.6	38.9
1022	180.0	800.0	1.5	62.8	37.7
1023	200.0	800.0	1.5	64.9	37.0
1024	220.0	800.0	1.5	66.3	36.2
1025	240.0	800.0	1.5	66.2	35.1
1026	260.0	800.0	1.5	65.1	39.3
1027	280.0	800.0	1.5	62.0	39.9
1028	300.0	800.0	1.5	62.0	40.3
1029	320.0	800.0	1.5	62.9	40.5
1030	340.0	800.0	1.5	62.8	40.3
1031	360.0	800.0	1.5	60.8	39.7
1032	380.0	800.0	1.5	58.3	38.9
1033	400.0	800.0	1.5	56.2	38.0
1034	420.0	800.0	1.5	54.4	37.1
1035	440.0	800.0	1.5	53.0	36.2
1036	460.0	800.0	1.5	51.8	35.4
1037	480.0	800.0	1.5	50.8	34.7
1038	500.0	800.0	1.5	49.9	34.0
1039	520.0	800.0	1.5	49.1	33.4
1040	540.0	800.0	1.5	48.4	32.8
1041	560.0	800.0	1.5	47.7	32.3
1042	580.0	800.0	1.5	47.1	31.8
1043	600.0	800.0	1.5	46.5	31.3
1044	620.0	800.0	1.5	46.0	30.8
1045	640.0	800.0	1.5	45.5	30.4
1046	660.0	800.0	1.5	45.1	30.0
1047	680.0	800.0	1.5	44.6	29.6
1048	700.0	800.0	1.5	44.2	29.2
1049	720.0	800.0	1.5	43.8	28.8
1050	740.0	800.0	1.5	43.4	28.4
1051	760.0	800.0	1.5	43.1	28.1
1052	780.0	800.0	1.5	42.7	27.7
1053	800.0	800.0	1.5	42.4	27.4

1054	820.0	800.0	1.5	42.0	27.1
1055	840.0	800.0	1.5	41.7	26.8
1056	860.0	800.0	1.5	41.4	26.5
1057	0.0	780.0	1.5	47.8	37.0
1058	20.0	780.0	1.5	49.8	37.8
1059	40.0	780.0	1.5	52.7	40.2
1060	60.0	780.0	1.5	54.4	44.6
1061	80.0	780.0	1.5	57.7	52.5
1062	100.0	780.0	1.5	67.6	60.7
1063	120.0	780.0	1.5	61.1	47.7
1064	140.0	780.0	1.5	64.9	42.9
1065	160.0	780.0	1.5	73.0	40.7
1066	180.0	780.0	1.5	68.3	38.9
1067	200.0	780.0	1.5	65.8	37.8
1068	220.0	780.0	1.5	70.6	36.9
1069	240.0	780.0	1.5	72.2	38.4
1070	260.0	780.0	1.5	69.7	38.6
1071	280.0	780.0	1.5	63.4	38.8
1072	300.0	780.0	1.5	60.5	39.0
1073	320.0	780.0	1.5	59.7	39.1
1074	340.0	780.0	1.5	59.1	38.9
1075	360.0	780.0	1.5	58.0	38.4
1076	380.0	780.0	1.5	56.6	37.9
1077	400.0	780.0	1.5	55.1	37.2
1078	420.0	780.0	1.5	53.8	36.5
1079	440.0	780.0	1.5	52.6	35.8
1080	460.0	780.0	1.5	51.6	35.1
1081	480.0	780.0	1.5	50.6	34.5
1082	500.0	780.0	1.5	49.8	33.9
1083	520.0	780.0	1.5	49.0	33.3
1084	540.0	780.0	1.5	48.3	32.8
1085	560.0	780.0	1.5	47.7	32.2
1086	580.0	780.0	1.5	47.1	31.8
1087	600.0	780.0	1.5	46.5	31.3
1088	620.0	780.0	1.5	46.0	30.8
1089	640.0	780.0	1.5	45.5	30.4
1090	660.0	780.0	1.5	45.1	30.0
1091	680.0	780.0	1.5	44.7	29.6
1092	700.0	780.0	1.5	44.2	29.2
1093	720.0	780.0	1.5	43.8	28.8
1094	740.0	780.0	1.5	43.5	28.5
1095	760.0	780.0	1.5	43.1	28.1
1096	780.0	780.0	1.5	42.7	27.8
1097	800.0	780.0	1.5	42.4	27.5
1098	820.0	780.0	1.5	42.1	27.2
1099	840.0	780.0	1.5	41.7	26.9
1100	860.0	780.0	1.5	41.4	26.6
1101	0.0	760.0	1.5	46.0	36.3
1102	20.0	760.0	1.5	47.0	37.4
1103	40.0	760.0	1.5	48.2	37.9
1105	80.0	760.0	1.5	55.6	52.3
1106	100.0	760.0	1.5	59.4	54.2
1107	120.0	760.0	1.5	72.2	64.1
1108	140.0	760.0	1.5	62.8	49.1

1109	160.0	760.0	1.5	60.1	43.9
1110	180.0	760.0	1.5	63.6	40.8
1111	200.0	760.0	1.5	67.3	38.9
1112	220.0	760.0	1.5	74.9	37.6
1113	240.0	760.0	1.5	76.2	38.2
1114	260.0	760.0	1.5	76.0	38.3
1115	280.0	760.0	1.5	63.9	38.3
1116	300.0	760.0	1.5	59.5	38.3
1117	320.0	760.0	1.5	57.9	38.2
1118	340.0	760.0	1.5	57.1	37.9
1119	360.0	760.0	1.5	56.3	37.6
1120	380.0	760.0	1.5	55.3	37.1
1121	400.0	760.0	1.5	54.3	36.6
1122	420.0	760.0	1.5	53.2	36.0
1123	440.0	760.0	1.5	52.2	35.5
1124	460.0	760.0	1.5	51.2	34.8
1125	480.0	760.0	1.5	50.3	34.3
1126	500.0	760.0	1.5	49.5	33.7
1127	520.0	760.0	1.5	48.8	33.2
1128	540.0	760.0	1.5	48.1	32.7
1129	560.0	760.0	1.5	47.5	32.2
1130	580.0	760.0	1.5	46.9	31.8
1131	600.0	760.0	1.5	46.4	31.3
1132	620.0	760.0	1.5	45.9	30.8
1133	640.0	760.0	1.5	45.4	30.4
1134	660.0	760.0	1.5	45.0	30.0
1135	680.0	760.0	1.5	44.5	29.6
1136	700.0	760.0	1.5	44.1	29.2
1137	720.0	760.0	1.5	43.7	28.8
1138	740.0	760.0	1.5	43.4	28.5
1139	760.0	760.0	1.5	43.0	28.2
1140	780.0	760.0	1.5	42.6	27.8
1141	800.0	760.0	1.5	42.3	27.5
1142	820.0	760.0	1.5	42.0	27.2
1143	840.0	760.0	1.5	41.6	26.9
1144	860.0	760.0	1.5	41.3	26.6
1145	0.0	740.0	1.5	44.9	35.8
1146	20.0	740.0	1.5	44.5	36.4
1147	40.0	740.0	1.5	44.0	35.3
1150	100.0	740.0	1.5	59.5	58.1
1151	120.0	740.0	1.5	58.5	49.5
1152	140.0	740.0	1.5	68.8	63.0
1153	160.0	740.0	1.5	67.3	50.5
1154	180.0	740.0	1.5	63.9	44.3
1155	200.0	740.0	1.5	62.7	40.6
1156	220.0	740.0	1.5	66.6	39.1
1157	240.0	740.0	1.5	67.1	38.7
1158	260.0	740.0	1.5	64.5	38.3
1159	280.0	740.0	1.5	61.3	38.1
1160	300.0	740.0	1.5	58.8	37.9
1161	320.0	740.0	1.5	57.4	37.7
1162	340.0	740.0	1.5	56.6	37.4
1163	360.0	740.0	1.5	56.0	37.1
1164	380.0	740.0	1.5	55.3	36.7

1165	400.0	740.0	1.5	54.3	36.2
1166	420.0	740.0	1.5	53.2	35.7
1167	440.0	740.0	1.5	52.1	35.2
1168	460.0	740.0	1.5	51.1	34.6
1169	480.0	740.0	1.5	50.3	34.1
1170	500.0	740.0	1.5	49.5	33.6
1171	520.0	740.0	1.5	48.8	33.1
1172	540.0	740.0	1.5	48.2	32.6
1173	560.0	740.0	1.5	47.6	32.2
1174	580.0	740.0	1.5	47.0	31.7
1175	600.0	740.0	1.5	46.5	31.3
1176	620.0	740.0	1.5	46.0	30.9
1177	640.0	740.0	1.5	45.5	30.5
1178	660.0	740.0	1.5	45.1	30.1
1179	680.0	740.0	1.5	44.7	29.7
1180	700.0	740.0	1.5	44.3	29.3
1181	720.0	740.0	1.5	43.9	28.9
1182	740.0	740.0	1.5	43.5	28.5
1183	760.0	740.0	1.5	43.1	28.2
1184	780.0	740.0	1.5	42.8	27.9
1185	800.0	740.0	1.5	42.4	27.5
1186	820.0	740.0	1.5	42.1	27.2
1187	840.0	740.0	1.5	41.8	26.9
1188	860.0	740.0	1.5	41.5	26.6
1189	0.0	720.0	1.5	47.9	35.7
1190	20.0	720.0	1.5	45.6	36.1
1191	40.0	720.0	1.5	44.1	36.5
1194	100.0	720.0	1.5	59.9	58.8
1195	120.0	720.0	1.5	56.4	46.2
1198	180.0	720.0	1.5	63.7	51.3
1199	200.0	720.0	1.5	59.9	42.9
1200	220.0	720.0	1.5	61.3	40.0
1201	240.0	720.0	1.5	61.8	39.0
1202	260.0	720.0	1.5	61.2	38.5
1203	280.0	720.0	1.5	60.1	38.1
1204	300.0	720.0	1.5	59.1	37.8
1205	320.0	720.0	1.5	58.5	37.5
1206	340.0	720.0	1.5	58.1	37.1
1207	360.0	720.0	1.5	58.0	36.8
1208	380.0	720.0	1.5	57.7	36.4
1209	400.0	720.0	1.5	56.1	35.9
1210	420.0	720.0	1.5	53.9	35.5
1211	440.0	720.0	1.5	52.3	35.0
1212	460.0	720.0	1.5	51.1	34.5
1213	480.0	720.0	1.5	50.2	34.0
1214	500.0	720.0	1.5	49.4	33.5
1215	520.0	720.0	1.5	48.7	33.0
1216	540.0	720.0	1.5	48.1	32.6
1217	560.0	720.0	1.5	47.5	32.1
1218	580.0	720.0	1.5	47.0	31.7
1219	600.0	720.0	1.5	46.4	31.3
1220	620.0	720.0	1.5	46.0	30.9
1221	640.0	720.0	1.5	45.5	30.5
1222	660.0	720.0	1.5	45.1	30.1

1223	680.0	720.0	1.5	44.7	29.7
1224	700.0	720.0	1.5	44.3	29.3
1225	720.0	720.0	1.5	43.9	28.9
1226	740.0	720.0	1.5	43.5	28.5
1227	760.0	720.0	1.5	43.1	28.2
1228	780.0	720.0	1.5	42.8	27.9
1229	800.0	720.0	1.5	42.5	27.6
1230	820.0	720.0	1.5	42.1	27.3
1231	840.0	720.0	1.5	41.8	27.0
1232	860.0	720.0	1.5	41.5	26.7
1233	0.0	700.0	1.5	50.1	35.8
1234	20.0	700.0	1.5	50.5	36.3
1235	40.0	700.0	1.5	50.8	36.6
1236	60.0	700.0	1.5	44.9	37.3
1238	100.0	700.0	1.5	59.0	54.5
1239	120.0	700.0	1.5	58.1	47.4
1242	180.0	700.0	1.5	64.9	56.8
1243	200.0	700.0	1.5	58.6	44.1
1244	220.0	700.0	1.5	59.4	40.6
1245	240.0	700.0	1.5	63.3	39.4
1246	260.0	700.0	1.5	66.5	38.7
1247	280.0	700.0	1.5	66.6	38.3
1248	300.0	700.0	1.5	66.9	37.9
1249	320.0	700.0	1.5	67.3	37.5
1250	340.0	700.0	1.5	67.8	37.1
1251	360.0	700.0	1.5	68.4	36.7
1252	380.0	700.0	1.5	69.2	36.2
1253	400.0	700.0	1.5	62.8	35.8
1254	420.0	700.0	1.5	55.7	35.3
1255	440.0	700.0	1.5	52.7	34.9
1256	460.0	700.0	1.5	51.2	34.4
1257	480.0	700.0	1.5	50.1	33.9
1258	500.0	700.0	1.5	49.3	33.5
1259	520.0	700.0	1.5	48.6	33.0
1260	540.0	700.0	1.5	48.0	32.5
1261	560.0	700.0	1.5	47.4	32.1
1262	580.0	700.0	1.5	46.9	31.7
1263	600.0	700.0	1.5	46.4	31.2
1264	620.0	700.0	1.5	45.9	30.9
1265	640.0	700.0	1.5	45.5	30.5
1266	660.0	700.0	1.5	45.1	30.1
1267	680.0	700.0	1.5	44.7	29.7
1268	700.0	700.0	1.5	44.3	29.3
1269	720.0	700.0	1.5	43.9	28.9
1270	740.0	700.0	1.5	43.5	28.6
1271	760.0	700.0	1.5	43.2	28.2
1272	780.0	700.0	1.5	42.8	27.9
1273	800.0	700.0	1.5	42.5	27.6
1274	820.0	700.0	1.5	42.2	27.3
1275	840.0	700.0	1.5	41.8	27.0
1276	860.0	700.0	1.5	41.5	26.7
1277	0.0	680.0	1.5	50.5	36.1
1278	20.0	680.0	1.5	52.5	36.6
1279	40.0	680.0	1.5	55.6	37.0

1280	60.0	680.0	1.5	60.5	37.6
1282	100.0	680.0	1.5	70.8	46.6
1283	120.0	680.0	1.5	62.5	48.9
1286	180.0	680.0	1.5	66.1	54.7
1287	200.0	680.0	1.5	58.4	44.1
1288	220.0	680.0	1.5	59.5	41.0
1289	240.0	680.0	1.5	68.1	39.8
1290	260.0	680.0	1.5	65.0	39.1
1291	280.0	680.0	1.5	62.4	38.6
1292	300.0	680.0	1.5	61.7	38.1
1293	320.0	680.0	1.5	61.4	37.6
1294	340.0	680.0	1.5	61.1	37.2
1295	360.0	680.0	1.5	61.2	36.7
1296	380.0	680.0	1.5	64.5	36.2
1297	400.0	680.0	1.5	67.2	35.8
1298	420.0	680.0	1.5	57.2	35.3
1299	440.0	680.0	1.5	53.2	34.8
1300	460.0	680.0	1.5	51.3	34.3
1301	480.0	680.0	1.5	50.1	33.9
1302	500.0	680.0	1.5	49.2	33.4
1303	520.0	680.0	1.5	48.5	33.0
1304	540.0	680.0	1.5	47.9	32.5
1305	560.0	680.0	1.5	47.3	32.1
1306	580.0	680.0	1.5	46.8	31.6
1307	600.0	680.0	1.5	46.3	31.2
1308	620.0	680.0	1.5	45.9	30.8
1309	640.0	680.0	1.5	45.5	30.5
1310	660.0	680.0	1.5	45.0	30.1
1311	680.0	680.0	1.5	44.6	29.7
1312	700.0	680.0	1.5	44.3	29.3
1313	720.0	680.0	1.5	43.9	28.9
1314	740.0	680.0	1.5	43.5	28.6
1315	760.0	680.0	1.5	43.2	28.3
1316	780.0	680.0	1.5	42.8	27.9
1317	800.0	680.0	1.5	42.5	27.6
1318	820.0	680.0	1.5	42.2	27.3
1319	840.0	680.0	1.5	41.9	27.0
1320	860.0	680.0	1.5	41.5	26.7
1321	0.0	660.0	1.5	50.7	36.6
1322	20.0	660.0	1.5	52.7	37.3
1323	40.0	660.0	1.5	55.7	38.0
1324	60.0	660.0	1.5	60.7	38.8
1325	80.0	660.0	1.5	69.5	40.2
1326	100.0	660.0	1.5	70.6	42.1
1327	120.0	660.0	1.5	63.6	43.5
1328	140.0	660.0	1.5	63.9	42.2
1329	160.0	660.0	1.5	64.1	48.6
1330	180.0	660.0	1.5	66.7	53.2
1331	200.0	660.0	1.5	59.3	44.0
1332	220.0	660.0	1.5	59.7	41.5
1333	240.0	660.0	1.5	68.3	40.4
1334	260.0	660.0	1.5	63.6	39.7
1335	280.0	660.0	1.5	58.5	39.0
1336	300.0	660.0	1.5	57.1	38.5

1337	320.0	660.0	1.5	56.6	37.9
1338	340.0	660.0	1.5	56.5	37.4
1339	360.0	660.0	1.5	57.5	36.8
1340	380.0	660.0	1.5	62.6	36.3
1341	400.0	660.0	1.5	69.6	35.8
1342	420.0	660.0	1.5	58.1	35.3
1343	440.0	660.0	1.5	53.6	34.8
1344	460.0	660.0	1.5	51.3	34.3
1345	480.0	660.0	1.5	50.0	33.9
1346	500.0	660.0	1.5	49.1	33.4
1347	520.0	660.0	1.5	48.4	32.9
1348	540.0	660.0	1.5	47.8	32.5
1349	560.0	660.0	1.5	47.3	32.1
1350	580.0	660.0	1.5	46.8	31.6
1351	600.0	660.0	1.5	46.3	31.2
1352	620.0	660.0	1.5	45.9	30.8
1353	640.0	660.0	1.5	45.4	30.4
1354	660.0	660.0	1.5	45.0	30.1
1355	680.0	660.0	1.5	44.6	29.7
1356	700.0	660.0	1.5	44.3	29.3
1357	720.0	660.0	1.5	43.9	28.9
1358	740.0	660.0	1.5	43.5	28.6
1359	760.0	660.0	1.5	43.2	28.2
1360	780.0	660.0	1.5	42.8	27.9
1361	800.0	660.0	1.5	42.5	27.6
1362	820.0	660.0	1.5	42.2	27.3
1363	840.0	660.0	1.5	41.9	27.0
1364	860.0	660.0	1.5	41.6	26.7
1365	0.0	640.0	1.5	50.5	37.0
1366	20.0	640.0	1.5	52.3	37.8
1367	40.0	640.0	1.5	54.8	38.5
1368	60.0	640.0	1.5	58.0	39.4
1369	80.0	640.0	1.5	61.2	40.4
1370	100.0	640.0	1.5	62.3	41.4
1371	120.0	640.0	1.5	63.8	42.4
1372	140.0	640.0	1.5	72.5	43.7
1373	160.0	640.0	1.5	72.4	49.7
1374	180.0	640.0	1.5	67.8	51.9
1375	200.0	640.0	1.5	60.0	44.2
1376	220.0	640.0	1.5	59.8	42.1
1377	240.0	640.0	1.5	68.6	41.1
1378	260.0	640.0	1.5	63.4	40.4
1379	280.0	640.0	1.5	58.0	39.7
1380	300.0	640.0	1.5	56.4	39.0
1381	320.0	640.0	1.5	56.0	38.3
1382	340.0	640.0	1.5	56.0	37.7
1383	360.0	640.0	1.5	57.0	37.1
1384	380.0	640.0	1.5	61.6	36.5
1385	400.0	640.0	1.5	72.8	35.9
1386	420.0	640.0	1.5	58.8	35.4
1387	440.0	640.0	1.5	53.8	34.8
1388	460.0	640.0	1.5	51.3	34.3
1389	480.0	640.0	1.5	49.9	33.9
1390	500.0	640.0	1.5	49.0	33.4

1391	520.0	640.0	1.5	48.3	32.9
1392	540.0	640.0	1.5	47.8	32.5
1393	560.0	640.0	1.5	47.2	32.0
1394	580.0	640.0	1.5	46.7	31.6
1395	600.0	640.0	1.5	46.3	31.2
1396	620.0	640.0	1.5	45.9	30.8
1397	640.0	640.0	1.5	45.5	30.4
1398	660.0	640.0	1.5	45.1	30.0
1399	680.0	640.0	1.5	44.7	29.6
1400	700.0	640.0	1.5	44.3	29.3
1401	720.0	640.0	1.5	43.9	28.9
1402	740.0	640.0	1.5	43.6	28.6
1403	760.0	640.0	1.5	43.2	28.2
1404	780.0	640.0	1.5	42.9	27.9
1405	800.0	640.0	1.5	42.6	27.6
1406	820.0	640.0	1.5	42.3	27.3
1407	840.0	640.0	1.5	41.9	27.0
1408	860.0	640.0	1.5	41.6	26.7
1409	0.0	620.0	1.5	50.1	37.4
1410	20.0	620.0	1.5	51.7	38.2
1411	40.0	620.0	1.5	53.5	39.1
1412	60.0	620.0	1.5	55.5	40.0
1413	80.0	620.0	1.5	57.4	41.0
1414	100.0	620.0	1.5	59.3	42.0
1415	120.0	620.0	1.5	62.9	43.2
1416	140.0	620.0	1.5	70.3	44.9
1417	160.0	620.0	1.5	72.1	51.0
1418	180.0	620.0	1.5	65.1	51.2
1419	200.0	620.0	1.5	59.7	44.9
1420	220.0	620.0	1.5	59.5	43.1
1421	240.0	620.0	1.5	68.9	42.1
1422	260.0	620.0	1.5	63.7	41.2
1423	280.0	620.0	1.5	60.1	40.5
1424	300.0	620.0	1.5	59.5	39.8
1425	320.0	620.0	1.5	59.5	39.0
1426	340.0	620.0	1.5	59.6	38.2
1427	360.0	620.0	1.5	60.0	37.4
1428	380.0	620.0	1.5	62.1	36.7
1429	400.0	620.0	1.5	78.3	36.0
1430	420.0	620.0	1.5	59.2	35.4
1431	440.0	620.0	1.5	53.6	34.9
1432	460.0	620.0	1.5	51.1	34.4
1433	480.0	620.0	1.5	49.8	33.9
1434	500.0	620.0	1.5	48.9	33.4
1435	520.0	620.0	1.5	48.2	32.9
1436	540.0	620.0	1.5	47.6	32.5
1437	560.0	620.0	1.5	47.1	32.0
1438	580.0	620.0	1.5	46.7	31.6
1439	600.0	620.0	1.5	46.2	31.2
1440	620.0	620.0	1.5	45.8	30.8
1441	640.0	620.0	1.5	45.4	30.4
1442	660.0	620.0	1.5	45.0	30.0
1443	680.0	620.0	1.5	44.6	29.6
1444	700.0	620.0	1.5	44.3	29.2

1445	720.0	620.0	1.5	43.9	28.9
1446	740.0	620.0	1.5	43.6	28.5
1447	760.0	620.0	1.5	43.2	28.2
1448	780.0	620.0	1.5	42.9	27.9
1449	800.0	620.0	1.5	42.6	27.6
1450	820.0	620.0	1.5	42.2	27.3
1451	840.0	620.0	1.5	41.9	27.0
1452	860.0	620.0	1.5	41.6	26.6
1453	0.0	600.0	1.5	49.8	37.8
1454	20.0	600.0	1.5	51.0	38.6
1455	40.0	600.0	1.5	52.3	39.6
1456	60.0	600.0	1.5	53.8	40.7
1457	80.0	600.0	1.5	55.4	41.8
1458	100.0	600.0	1.5	57.4	43.1
1459	120.0	600.0	1.5	60.0	44.4
1460	140.0	600.0	1.5	62.8	46.3
1461	160.0	600.0	1.5	63.8	52.1
1462	180.0	600.0	1.5	61.7	51.1
1463	200.0	600.0	1.5	58.4	46.1
1464	220.0	600.0	1.5	58.3	44.5
1465	240.0	600.0	1.5	66.8	43.4
1466	260.0	600.0	1.5	74.6	42.4
1467	280.0	600.0	1.5	73.6	41.8
1468	300.0	600.0	1.5	72.7	41.4
1469	320.0	600.0	1.5	71.9	40.7
1470	340.0	600.0	1.5	71.2	39.1
1471	360.0	600.0	1.5	70.6	37.8
1472	380.0	600.0	1.5	70.0	36.9
1473	400.0	600.0	1.5	69.7	36.2
1474	420.0	600.0	1.5	57.6	35.5
1475	440.0	600.0	1.5	52.8	34.9
1476	460.0	600.0	1.5	50.7	34.4
1477	480.0	600.0	1.5	49.5	33.9
1478	500.0	600.0	1.5	48.7	33.4
1479	520.0	600.0	1.5	48.1	32.9
1480	540.0	600.0	1.5	47.5	32.4
1481	560.0	600.0	1.5	47.1	32.0
1482	580.0	600.0	1.5	46.6	31.6
1483	600.0	600.0	1.5	46.2	31.2
1484	620.0	600.0	1.5	45.8	30.8
1485	640.0	600.0	1.5	45.4	30.4
1486	660.0	600.0	1.5	45.0	30.0
1487	680.0	600.0	1.5	44.6	29.6
1488	700.0	600.0	1.5	44.2	29.2
1489	720.0	600.0	1.5	43.9	28.8
1490	740.0	600.0	1.5	43.5	28.5
1491	760.0	600.0	1.5	43.2	28.2
1492	780.0	600.0	1.5	42.9	27.9
1493	800.0	600.0	1.5	42.5	27.6
1494	820.0	600.0	1.5	42.2	27.3
1495	840.0	600.0	1.5	41.9	27.0
1496	860.0	600.0	1.5	41.6	26.6
1497	0.0	580.0	1.5	49.2	38.1
1498	20.0	580.0	1.5	50.2	39.1

1499	40.0	580.0	1.5	51.4	40.1
1500	60.0	580.0	1.5	52.6	41.4
1501	80.0	580.0	1.5	54.0	42.8
1502	100.0	580.0	1.5	55.7	44.4
1503	120.0	580.0	1.5	57.2	46.1
1504	140.0	580.0	1.5	58.7	48.1
1505	160.0	580.0	1.5	61.2	53.3
1506	180.0	580.0	1.5	59.1	51.7
1507	200.0	580.0	1.5	56.9	48.0
1508	220.0	580.0	1.5	56.4	46.4
1509	240.0	580.0	1.5	57.7	45.3
1510	260.0	580.0	1.5	58.5	44.9
1511	280.0	580.0	1.5	58.3	45.6
1512	300.0	580.0	1.5	58.1	47.7
1513	320.0	580.0	1.5	58.3	50.7
1514	340.0	580.0	1.5	57.4	41.1
1515	360.0	580.0	1.5	57.3	38.4
1516	380.0	580.0	1.5	57.2	37.2
1517	400.0	580.0	1.5	56.4	36.3
1518	420.0	580.0	1.5	53.8	35.6
1519	440.0	580.0	1.5	51.5	35.0
1520	460.0	580.0	1.5	50.1	34.4
1521	480.0	580.0	1.5	49.2	33.9
1522	500.0	580.0	1.5	48.5	33.4
1523	520.0	580.0	1.5	48.0	32.9
1524	540.0	580.0	1.5	47.5	32.4
1525	560.0	580.0	1.5	47.0	32.0
1526	580.0	580.0	1.5	46.6	31.5
1527	600.0	580.0	1.5	46.1	31.1
1528	620.0	580.0	1.5	45.7	30.7
1529	640.0	580.0	1.5	45.3	30.3
1530	660.0	580.0	1.5	45.0	30.0
1531	680.0	580.0	1.5	44.6	29.6
1532	700.0	580.0	1.5	44.2	29.2
1533	720.0	580.0	1.5	43.9	28.8
1534	740.0	580.0	1.5	43.5	28.4
1535	760.0	580.0	1.5	43.2	28.1
1536	780.0	580.0	1.5	42.8	27.8
1537	800.0	580.0	1.5	42.5	27.5
1538	820.0	580.0	1.5	42.2	27.2
1539	840.0	580.0	1.5	41.9	26.9
1540	860.0	580.0	1.5	41.6	26.6
1541	0.0	560.0	1.5	48.8	38.3
1542	20.0	560.0	1.5	49.6	39.4
1543	40.0	560.0	1.5	50.6	40.6
1544	60.0	560.0	1.5	51.8	42.0
1545	80.0	560.0	1.5	53.1	43.7
1546	100.0	560.0	1.5	54.3	45.7
1547	120.0	560.0	1.5	55.5	48.1
1548	140.0	560.0	1.5	56.9	50.7
1549	160.0	560.0	1.5	63.5	55.2
1550	180.0	560.0	1.5	58.4	53.6
1551	200.0	560.0	1.5	56.7	51.2
1552	220.0	560.0	1.5	56.1	50.4

1553	240.0	560.0	1.5	56.8	53.0
1554	260.0	560.0	1.5	59.8	58.3
1555	280.0	560.0	1.5	55.6	50.4
1556	300.0	560.0	1.5	54.6	47.1
1557	320.0	560.0	1.5	59.1	57.7
1558	340.0	560.0	1.5	53.7	42.4
1559	360.0	560.0	1.5	53.3	38.9
1560	380.0	560.0	1.5	53.1	37.4
1561	400.0	560.0	1.5	52.5	36.4
1562	420.0	560.0	1.5	51.5	35.7
1563	440.0	560.0	1.5	50.5	35.0
1564	460.0	560.0	1.5	49.7	34.4
1565	480.0	560.0	1.5	49.0	33.9
1566	500.0	560.0	1.5	48.4	33.3
1567	520.0	560.0	1.5	47.9	32.9
1568	540.0	560.0	1.5	47.4	32.4
1569	560.0	560.0	1.5	47.0	31.9
1570	580.0	560.0	1.5	46.5	31.5
1571	600.0	560.0	1.5	46.1	31.1
1572	620.0	560.0	1.5	45.7	30.7
1573	640.0	560.0	1.5	45.3	30.3
1574	660.0	560.0	1.5	44.9	29.9
1575	680.0	560.0	1.5	44.6	29.5
1576	700.0	560.0	1.5	44.2	29.1
1577	720.0	560.0	1.5	43.8	28.8
1578	740.0	560.0	1.5	43.5	28.4
1579	760.0	560.0	1.5	43.2	28.1
1580	780.0	560.0	1.5	42.8	27.8
1581	800.0	560.0	1.5	42.5	27.5
1582	820.0	560.0	1.5	42.2	27.2
1583	840.0	560.0	1.5	41.9	26.8
1584	860.0	560.0	1.5	41.6	26.5
1585	0.0	540.0	1.5	48.4	38.5
1586	20.0	540.0	1.5	49.2	39.6
1587	40.0	540.0	1.5	50.2	41.0
1588	60.0	540.0	1.5	51.2	42.6
1589	80.0	540.0	1.5	52.3	44.5
1590	100.0	540.0	1.5	53.3	46.9
1591	120.0	540.0	1.5	54.7	50.0
1592	140.0	540.0	1.5	56.9	54.0
1593	160.0	540.0	1.5	60.9	58.7
1594	180.0	540.0	1.5	63.8	60.7
1595	200.0	540.0	1.5	66.0	55.1
1596	220.0	540.0	1.5	60.9	51.1
1597	240.0	540.0	1.5	57.6	48.1
1598	260.0	540.0	1.5	54.9	45.8
1599	280.0	540.0	1.5	53.1	44.0
1600	300.0	540.0	1.5	52.8	43.7
1601	320.0	540.0	1.5	57.8	56.5
1602	340.0	540.0	1.5	52.2	42.6
1603	360.0	540.0	1.5	51.8	39.1
1604	380.0	540.0	1.5	51.5	37.5
1605	400.0	540.0	1.5	51.1	36.5
1606	420.0	540.0	1.5	50.6	35.7

1607	440.0	540.0	1.5	50.0	35.0
1608	460.0	540.0	1.5	49.5	34.4
1609	480.0	540.0	1.5	49.0	33.8
1610	500.0	540.0	1.5	48.4	33.3
1611	520.0	540.0	1.5	47.9	32.8
1612	540.0	540.0	1.5	47.4	32.3
1613	560.0	540.0	1.5	47.0	31.9
1614	580.0	540.0	1.5	46.5	31.5
1615	600.0	540.0	1.5	46.1	31.0
1616	620.0	540.0	1.5	45.7	30.6
1617	640.0	540.0	1.5	45.3	30.2
1618	660.0	540.0	1.5	44.9	29.8
1619	680.0	540.0	1.5	44.5	29.5
1620	700.0	540.0	1.5	44.2	29.1
1621	720.0	540.0	1.5	43.8	28.7
1622	740.0	540.0	1.5	43.5	28.4
1623	760.0	540.0	1.5	43.1	28.0
1624	780.0	540.0	1.5	42.8	27.7
1625	800.0	540.0	1.5	42.5	27.4
1626	820.0	540.0	1.5	42.2	27.1
1627	840.0	540.0	1.5	41.9	26.8
1628	860.0	540.0	1.5	41.6	26.5
1629	0.0	520.0	1.5	48.0	38.6
1630	20.0	520.0	1.5	48.9	39.7
1631	40.0	520.0	1.5	49.6	41.2
1632	60.0	520.0	1.5	50.7	42.8
1633	80.0	520.0	1.5	51.6	44.9
1634	100.0	520.0	1.5	52.7	47.6
1635	120.0	520.0	1.5	54.5	51.3
1636	140.0	520.0	1.5	58.1	56.8
1637	160.0	520.0	1.5	67.0	66.9
1638	180.0	520.0	1.5	66.2	66.0
1639	200.0	520.0	1.5	58.4	56.7
1640	220.0	520.0	1.5	55.9	51.3
1641	240.0	520.0	1.5	55.7	47.7
1642	260.0	520.0	1.5	54.9	45.2
1643	280.0	520.0	1.5	52.5	43.4
1644	300.0	520.0	1.5	52.2	43.3
1645	320.0	520.0	1.5	56.8	55.3
1646	340.0	520.0	1.5	51.8	42.8
1647	360.0	520.0	1.5	51.3	39.1
1648	380.0	520.0	1.5	51.0	37.6
1649	400.0	520.0	1.5	50.7	36.5
1650	420.0	520.0	1.5	50.4	35.7
1651	440.0	520.0	1.5	50.1	35.0
1652	460.0	520.0	1.5	49.7	34.4
1653	480.0	520.0	1.5	49.2	33.8
1654	500.0	520.0	1.5	48.7	33.3
1655	520.0	520.0	1.5	48.1	32.8
1656	540.0	520.0	1.5	47.5	32.3
1657	560.0	520.0	1.5	47.0	31.8
1658	580.0	520.0	1.5	46.6	31.4
1659	600.0	520.0	1.5	46.1	31.0
1660	620.0	520.0	1.5	45.7	30.6

1661	640.0	520.0	1.5	45.3	30.2
1662	660.0	520.0	1.5	44.9	29.8
1663	680.0	520.0	1.5	44.5	29.4
1664	700.0	520.0	1.5	44.2	29.0
1665	720.0	520.0	1.5	43.8	28.6
1666	740.0	520.0	1.5	43.5	28.3
1667	760.0	520.0	1.5	43.1	28.0
1668	780.0	520.0	1.5	42.8	27.7
1669	800.0	520.0	1.5	42.5	27.4
1670	820.0	520.0	1.5	42.2	27.0
1671	840.0	520.0	1.5	41.8	26.7
1672	860.0	520.0	1.5	41.5	26.4
1673	0.0	500.0	1.5	47.5	38.5
1674	20.0	500.0	1.5	48.3	39.7
1675	40.0	500.0	1.5	49.4	41.1
1676	60.0	500.0	1.5	50.1	42.7
1677	80.0	500.0	1.5	50.9	44.8
1678	100.0	500.0	1.5	52.0	47.4
1679	120.0	500.0	1.5	53.8	51.0
1680	140.0	500.0	1.5	57.2	56.0
1681	160.0	500.0	1.5	63.5	63.2
1682	180.0	500.0	1.5	63.0	62.7
1683	200.0	500.0	1.5	57.7	56.3
1684	220.0	500.0	1.5	55.4	52.3
1685	240.0	500.0	1.5	53.7	47.8
1686	260.0	500.0	1.5	53.0	45.1
1687	280.0	500.0	1.5	52.5	43.3
1688	300.0	500.0	1.5	52.3	43.1
1689	320.0	500.0	1.5	56.2	54.4
1690	340.0	500.0	1.5	52.0	42.9
1691	360.0	500.0	1.5	51.6	39.1
1692	380.0	500.0	1.5	51.4	37.5
1693	400.0	500.0	1.5	51.3	36.5
1694	420.0	500.0	1.5	51.1	35.6
1695	440.0	500.0	1.5	50.9	34.9
1696	460.0	500.0	1.5	50.6	34.3
1697	480.0	500.0	1.5	50.1	33.7
1698	500.0	500.0	1.5	49.3	33.2
1699	520.0	500.0	1.5	48.5	32.7
1700	540.0	500.0	1.5	47.8	32.2
1701	560.0	500.0	1.5	47.2	31.7
1702	580.0	500.0	1.5	46.6	31.3
1703	600.0	500.0	1.5	46.2	30.9
1704	620.0	500.0	1.5	45.7	30.5
1705	640.0	500.0	1.5	45.3	30.1
1706	660.0	500.0	1.5	44.9	29.7
1707	680.0	500.0	1.5	44.5	29.3
1708	700.0	500.0	1.5	44.2	29.0
1709	720.0	500.0	1.5	43.8	28.6
1710	740.0	500.0	1.5	43.4	28.2
1711	760.0	500.0	1.5	43.1	27.9
1712	780.0	500.0	1.5	42.8	27.6
1713	800.0	500.0	1.5	42.4	27.3
1714	820.0	500.0	1.5	42.1	26.9

1715	840.0	500.0	1.5	41.8	26.6
1716	860.0	500.0	1.5	41.5	26.4
1717	0.0	480.0	1.5	47.3	38.3
1718	20.0	480.0	1.5	48.3	39.5
1719	40.0	480.0	1.5	48.9	40.8
1720	60.0	480.0	1.5	49.6	42.3
1721	80.0	480.0	1.5	50.3	44.2
1722	100.0	480.0	1.5	51.2	46.5
1723	120.0	480.0	1.5	52.6	49.2
1724	140.0	480.0	1.5	54.5	52.5
1725	160.0	480.0	1.5	56.5	55.2
1726	180.0	480.0	1.5	56.7	55.1
1727	200.0	480.0	1.5	55.6	52.4
1728	220.0	480.0	1.5	55.6	50.8
1729	240.0	480.0	1.5	55.8	51.1
1730	260.0	480.0	1.5	54.4	45.5
1731	280.0	480.0	1.5	54.1	43.3
1732	300.0	480.0	1.5	53.9	43.0
1733	320.0	480.0	1.5	56.5	53.5
1734	340.0	480.0	1.5	53.8	43.0
1735	360.0	480.0	1.5	53.6	39.0
1736	380.0	480.0	1.5	53.5	37.4
1737	400.0	480.0	1.5	53.4	36.4
1738	420.0	480.0	1.5	53.4	35.5
1739	440.0	480.0	1.5	53.5	34.8
1740	460.0	480.0	1.5	53.4	34.2
1741	480.0	480.0	1.5	52.5	33.6
1742	500.0	480.0	1.5	50.7	33.1
1743	520.0	480.0	1.5	49.2	32.6
1744	540.0	480.0	1.5	48.1	32.1
1745	560.0	480.0	1.5	47.4	31.7
1746	580.0	480.0	1.5	46.8	31.2
1747	600.0	480.0	1.5	46.2	30.8
1748	620.0	480.0	1.5	45.8	30.4
1749	640.0	480.0	1.5	45.3	30.0
1750	660.0	480.0	1.5	44.9	29.6
1751	680.0	480.0	1.5	44.5	29.2
1752	700.0	480.0	1.5	44.1	28.9
1753	720.0	480.0	1.5	43.8	28.5
1754	740.0	480.0	1.5	43.4	28.2
1755	760.0	480.0	1.5	43.1	27.9
1756	780.0	480.0	1.5	42.7	27.6
1757	800.0	480.0	1.5	42.4	27.2
1758	820.0	480.0	1.5	42.1	26.9
1759	840.0	480.0	1.5	41.8	26.6
1760	860.0	480.0	1.5	41.5	26.3
1761	0.0	460.0	1.5	47.3	38.1
1762	20.0	460.0	1.5	47.9	39.1
1763	40.0	460.0	1.5	48.5	40.4
1764	60.0	460.0	1.5	49.0	41.7
1765	80.0	460.0	1.5	49.7	43.2
1766	100.0	460.0	1.5	50.4	45.1
1767	120.0	460.0	1.5	51.4	47.1
1768	140.0	460.0	1.5	52.4	49.0

1769	160.0	460.0	1.5	53.5	50.3
1770	180.0	460.0	1.5	54.4	50.2
1771	200.0	460.0	1.5	57.4	49.0
1772	220.0	460.0	1.5	61.3	47.4
1773	240.0	460.0	1.5	60.9	47.8
1774	260.0	460.0	1.5	61.1	52.6
1775	280.0	460.0	1.5	60.5	44.4
1776	300.0	460.0	1.5	60.5	43.1
1777	320.0	460.0	1.5	61.1	52.7
1778	340.0	460.0	1.5	60.6	43.1
1779	360.0	460.0	1.5	60.5	38.9
1780	380.0	460.0	1.5	60.6	37.3
1781	400.0	460.0	1.5	60.6	36.2
1782	420.0	460.0	1.5	60.7	35.4
1783	440.0	460.0	1.5	60.8	34.7
1784	460.0	460.0	1.5	61.2	34.1
1785	480.0	460.0	1.5	59.6	33.5
1786	500.0	460.0	1.5	53.3	33.0
1787	520.0	460.0	1.5	50.1	32.5
1788	540.0	460.0	1.5	48.6	32.0
1789	560.0	460.0	1.5	47.6	31.6
1790	580.0	460.0	1.5	46.9	31.1
1791	600.0	460.0	1.5	46.3	30.7
1792	620.0	460.0	1.5	45.8	30.3
1793	640.0	460.0	1.5	45.4	29.9
1794	660.0	460.0	1.5	44.9	29.5
1795	680.0	460.0	1.5	44.5	29.2
1796	700.0	460.0	1.5	44.1	28.8
1797	720.0	460.0	1.5	43.8	28.4
1798	740.0	460.0	1.5	43.4	28.1
1799	760.0	460.0	1.5	43.1	27.8
1800	780.0	460.0	1.5	42.7	27.5
1801	800.0	460.0	1.5	42.4	27.1
1802	820.0	460.0	1.5	42.1	26.8
1803	840.0	460.0	1.5	41.8	26.5
1804	860.0	460.0	1.5	41.5	26.2
1805	0.0	440.0	1.5	47.1	37.7
1806	20.0	440.0	1.5	47.5	38.7
1807	40.0	440.0	1.5	48.0	39.8
1808	60.0	440.0	1.5	48.5	40.9
1809	80.0	440.0	1.5	49.1	42.2
1810	100.0	440.0	1.5	49.7	43.6
1811	120.0	440.0	1.5	50.4	44.9
1812	140.0	440.0	1.5	51.2	46.1
1813	160.0	440.0	1.5	52.1	46.9
1814	180.0	440.0	1.5	54.0	46.9
1815	200.0	440.0	1.5	60.2	46.2
1816	220.0	440.0	1.5	70.0	45.1
1817	240.0	440.0	1.5	62.6	44.3
1818	260.0	440.0	1.5	61.9	45.8
1819	280.0	440.0	1.5	62.7	56.2
1820	300.0	440.0	1.5	61.6	44.7
1821	320.0	440.0	1.5	61.9	52.0
1822	340.0	440.0	1.5	61.5	43.2

1823	360.0	440.0	1.5	61.4	38.8
1824	380.0	440.0	1.5	61.3	37.0
1825	400.0	440.0	1.5	61.3	36.0
1826	420.0	440.0	1.5	61.4	35.2
1827	440.0	440.0	1.5	61.6	34.5
1828	460.0	440.0	1.5	63.9	33.9
1829	480.0	440.0	1.5	67.0	33.3
1830	500.0	440.0	1.5	55.2	32.8
1831	520.0	440.0	1.5	50.9	32.3
1832	540.0	440.0	1.5	48.9	31.9
1833	560.0	440.0	1.5	47.8	31.4
1834	580.0	440.0	1.5	47.1	31.0
1835	600.0	440.0	1.5	46.4	30.6
1836	620.0	440.0	1.5	45.9	30.2
1837	640.0	440.0	1.5	45.4	29.8
1838	660.0	440.0	1.5	45.0	29.4
1839	680.0	440.0	1.5	44.5	29.1
1840	700.0	440.0	1.5	44.1	28.7
1841	720.0	440.0	1.5	43.8	28.3
1842	740.0	440.0	1.5	43.4	28.0
1843	760.0	440.0	1.5	43.0	27.7
1844	780.0	440.0	1.5	42.7	27.3
1845	800.0	440.0	1.5	42.4	27.0
1846	820.0	440.0	1.5	42.0	26.7
1847	840.0	440.0	1.5	41.7	26.5
1848	860.0	440.0	1.5	41.4	26.2
1849	0.0	420.0	1.5	46.7	37.3
1850	20.0	420.0	1.5	47.1	38.2
1851	40.0	420.0	1.5	47.6	39.1
1852	60.0	420.0	1.5	48.0	40.1
1853	80.0	420.0	1.5	48.5	41.1
1854	100.0	420.0	1.5	49.1	42.1
1855	120.0	420.0	1.5	49.6	43.1
1856	140.0	420.0	1.5	50.3	43.9
1857	160.0	420.0	1.5	51.3	44.3
1858	180.0	420.0	1.5	53.2	44.3
1859	200.0	420.0	1.5	57.9	43.9
1860	220.0	420.0	1.5	70.8	43.2
1861	240.0	420.0	1.5	61.2	42.5
1862	260.0	420.0	1.5	56.3	42.3
1863	280.0	420.0	1.5	55.1	44.3
1864	300.0	420.0	1.5	59.5	58.0
1865	320.0	420.0	1.5	56.1	51.8
1866	340.0	420.0	1.5	54.4	43.3
1867	360.0	420.0	1.5	54.2	38.5
1868	380.0	420.0	1.5	54.2	36.7
1869	400.0	420.0	1.5	54.3	35.7
1870	420.0	420.0	1.5	55.0	34.9
1871	440.0	420.0	1.5	57.2	34.3
1872	460.0	420.0	1.5	65.4	33.7
1873	480.0	420.0	1.5	63.2	33.2
1874	500.0	420.0	1.5	55.0	32.7
1875	520.0	420.0	1.5	51.1	32.2
1876	540.0	420.0	1.5	49.2	31.7

1877	560.0	420.0	1.5	48.0	31.3
1878	580.0	420.0	1.5	47.2	30.9
1879	600.0	420.0	1.5	46.6	30.5
1880	620.0	420.0	1.5	46.0	30.1
1881	640.0	420.0	1.5	45.5	29.7
1882	660.0	420.0	1.5	45.0	29.3
1883	680.0	420.0	1.5	44.6	29.0
1884	700.0	420.0	1.5	44.1	28.6
1885	720.0	420.0	1.5	43.7	28.2
1886	740.0	420.0	1.5	43.4	27.9
1887	760.0	420.0	1.5	43.0	27.6
1888	780.0	420.0	1.5	42.7	27.2
1889	800.0	420.0	1.5	42.3	26.9
1890	820.0	420.0	1.5	42.0	26.7
1891	840.0	420.0	1.5	41.7	26.4
1892	860.0	420.0	1.5	41.4	26.1
1893	0.0	400.0	1.5	46.4	36.9
1894	20.0	400.0	1.5	46.8	37.6
1895	40.0	400.0	1.5	47.2	38.4
1896	60.0	400.0	1.5	47.6	39.2
1897	80.0	400.0	1.5	48.1	40.0
1898	100.0	400.0	1.5	48.5	40.8
1899	120.0	400.0	1.5	49.1	41.5
1900	140.0	400.0	1.5	49.7	42.1
1901	160.0	400.0	1.5	50.6	42.4
1902	180.0	400.0	1.5	52.3	42.4
1903	200.0	400.0	1.5	55.7	42.1
1904	220.0	400.0	1.5	63.4	41.6
1905	240.0	400.0	1.5	65.7	41.1
1906	260.0	400.0	1.5	57.0	40.6
1907	280.0	400.0	1.5	54.1	40.8
1908	300.0	400.0	1.5	53.4	43.3
1909	320.0	400.0	1.5	56.6	54.3
1910	340.0	400.0	1.5	53.1	42.3
1911	360.0	400.0	1.5	52.9	37.8
1912	380.0	400.0	1.5	53.0	36.3
1913	400.0	400.0	1.5	53.3	35.4
1914	420.0	400.0	1.5	54.4	34.6
1915	440.0	400.0	1.5	58.0	34.0
1916	460.0	400.0	1.5	70.8	33.5
1917	480.0	400.0	1.5	60.5	32.9
1918	500.0	400.0	1.5	54.2	32.5
1919	520.0	400.0	1.5	51.1	32.0
1920	540.0	400.0	1.5	49.4	31.6
1921	560.0	400.0	1.5	48.2	31.1
1922	580.0	400.0	1.5	47.4	30.7
1923	600.0	400.0	1.5	46.7	30.3
1924	620.0	400.0	1.5	46.1	29.9
1925	640.0	400.0	1.5	45.5	29.6
1926	660.0	400.0	1.5	45.0	29.2
1927	680.0	400.0	1.5	44.6	28.8
1928	700.0	400.0	1.5	44.1	28.5
1929	720.0	400.0	1.5	43.7	28.1
1930	740.0	400.0	1.5	43.3	27.8

1931	760.0	400.0	1.5	43.0	27.4
1932	780.0	400.0	1.5	42.6	27.1
1933	800.0	400.0	1.5	42.3	26.9
1934	820.0	400.0	1.5	42.0	26.6
1935	840.0	400.0	1.5	41.6	26.3
1936	860.0	400.0	1.5	41.3	26.0
1937	0.0	380.0	1.5	46.1	36.4
1938	20.0	380.0	1.5	46.4	37.0
1939	40.0	380.0	1.5	46.8	37.7
1940	60.0	380.0	1.5	47.2	38.4
1941	80.0	380.0	1.5	47.6	39.0
1942	100.0	380.0	1.5	48.1	39.6
1943	120.0	380.0	1.5	48.6	40.2
1944	140.0	380.0	1.5	49.2	40.6
1945	160.0	380.0	1.5	50.1	40.8
1946	180.0	380.0	1.5	51.4	40.8
1947	200.0	380.0	1.5	54.0	40.6
1948	220.0	380.0	1.5	59.4	40.3
1949	240.0	380.0	1.5	78.2	39.8
1950	260.0	380.0	1.5	59.3	39.4
1951	280.0	380.0	1.5	55.0	39.1
1952	300.0	380.0	1.5	53.8	39.4
1953	320.0	380.0	1.5	53.7	39.9
1954	340.0	380.0	1.5	53.7	38.4
1955	360.0	380.0	1.5	53.7	36.7
1956	380.0	380.0	1.5	53.8	35.7
1957	400.0	380.0	1.5	54.2	34.9
1958	420.0	380.0	1.5	55.4	34.3
1959	440.0	380.0	1.5	59.9	33.7
1960	460.0	380.0	1.5	74.9	33.2
1961	480.0	380.0	1.5	58.5	32.7
1962	500.0	380.0	1.5	53.6	32.2
1963	520.0	380.0	1.5	51.1	31.8
1964	540.0	380.0	1.5	49.5	31.4
1965	560.0	380.0	1.5	48.4	31.0
1966	580.0	380.0	1.5	47.5	30.6
1967	600.0	380.0	1.5	46.8	30.2
1968	620.0	380.0	1.5	46.1	29.8
1969	640.0	380.0	1.5	45.6	29.4
1970	660.0	380.0	1.5	45.1	29.1
1971	680.0	380.0	1.5	44.6	28.7
1972	700.0	380.0	1.5	44.1	28.4
1973	720.0	380.0	1.5	43.7	28.0
1974	740.0	380.0	1.5	43.3	27.7
1975	760.0	380.0	1.5	42.9	27.3
1976	780.0	380.0	1.5	42.6	27.0
1977	800.0	380.0	1.5	42.2	26.8
1978	820.0	380.0	1.5	41.9	26.5
1979	840.0	380.0	1.5	41.6	26.2
1980	860.0	380.0	1.5	41.3	25.9
1981	0.0	360.0	1.5	45.8	35.8
1982	20.0	360.0	1.5	46.1	36.4
1983	40.0	360.0	1.5	46.5	37.0
1984	60.0	360.0	1.5	46.9	37.5

1985	80.0	360.0	1.5	47.3	38.1
1986	100.0	360.0	1.5	47.7	38.6
1987	120.0	360.0	1.5	48.2	39.0
1988	140.0	360.0	1.5	48.8	39.3
1989	160.0	360.0	1.5	49.6	39.5
1990	180.0	360.0	1.5	50.7	39.5
1991	200.0	360.0	1.5	52.7	39.3
1992	220.0	360.0	1.5	56.7	39.1
1993	240.0	360.0	1.5	66.2	38.7
1994	260.0	360.0	1.5	63.1	38.3
1995	280.0	360.0	1.5	57.3	37.9
1996	300.0	360.0	1.5	56.2	37.6
1997	320.0	360.0	1.5	56.2	37.2
1998	340.0	360.0	1.5	56.3	36.6
1999	360.0	360.0	1.5	56.5	35.8
2000	380.0	360.0	1.5	56.5	35.1
2001	400.0	360.0	1.5	56.7	34.5
2002	420.0	360.0	1.5	57.5	33.9
2003	440.0	360.0	1.5	62.4	33.4
2004	460.0	360.0	1.5	67.2	32.9
2005	480.0	360.0	1.5	57.2	32.5
2006	500.0	360.0	1.5	53.3	32.0
2007	520.0	360.0	1.5	51.2	31.6
2008	540.0	360.0	1.5	49.8	31.2
2009	560.0	360.0	1.5	48.6	30.8
2010	580.0	360.0	1.5	47.7	30.4
2011	600.0	360.0	1.5	46.9	30.0
2012	620.0	360.0	1.5	46.2	29.6
2013	640.0	360.0	1.5	45.6	29.3
2014	660.0	360.0	1.5	45.1	28.9
2015	680.0	360.0	1.5	44.6	28.6
2016	700.0	360.0	1.5	44.1	28.2
2017	720.0	360.0	1.5	43.7	27.9
2018	740.0	360.0	1.5	43.3	27.5
2019	760.0	360.0	1.5	42.9	27.2
2020	780.0	360.0	1.5	42.5	26.9
2021	800.0	360.0	1.5	42.2	26.7
2022	820.0	360.0	1.5	41.9	26.4
2023	840.0	360.0	1.5	41.5	26.1
2024	860.0	360.0	1.5	41.2	25.9
2025	0.0	340.0	1.5	45.5	35.3
2026	20.0	340.0	1.5	45.8	35.8
2027	40.0	340.0	1.5	46.2	36.3
2028	60.0	340.0	1.5	46.6	36.8
2029	80.0	340.0	1.5	46.9	37.2
2030	100.0	340.0	1.5	47.4	37.6
2031	120.0	340.0	1.5	47.9	38.0
2032	140.0	340.0	1.5	48.4	38.2
2033	160.0	340.0	1.5	49.2	38.3
2034	180.0	340.0	1.5	50.2	38.3
2035	200.0	340.0	1.5	51.7	38.2
2036	220.0	340.0	1.5	54.6	38.0
2037	240.0	340.0	1.5	60.9	37.7
2038	260.0	340.0	1.5	70.1	37.4

2039	280.0	340.0	1.5	64.4	37.0
2040	300.0	340.0	1.5	64.2	36.6
2041	320.0	340.0	1.5	64.1	36.2
2042	340.0	340.0	1.5	64.1	35.7
2043	360.0	340.0	1.5	64.1	35.1
2044	380.0	340.0	1.5	64.0	34.6
2045	400.0	340.0	1.5	63.9	34.1
2046	420.0	340.0	1.5	63.9	33.6
2047	440.0	340.0	1.5	66.6	33.1
2048	460.0	340.0	1.5	63.3	32.6
2049	480.0	340.0	1.5	56.4	32.2
2050	500.0	340.0	1.5	53.6	31.8
2051	520.0	340.0	1.5	51.7	31.4
2052	540.0	340.0	1.5	50.2	31.0
2053	560.0	340.0	1.5	48.9	30.6
2054	580.0	340.0	1.5	47.9	30.2
2055	600.0	340.0	1.5	47.0	29.8
2056	620.0	340.0	1.5	46.3	29.5
2057	640.0	340.0	1.5	45.7	29.1
2058	660.0	340.0	1.5	45.1	28.8
2059	680.0	340.0	1.5	44.6	28.4
2060	700.0	340.0	1.5	44.1	28.1
2061	720.0	340.0	1.5	43.7	27.7
2062	740.0	340.0	1.5	43.2	27.4
2063	760.0	340.0	1.5	42.9	27.1
2064	780.0	340.0	1.5	42.5	26.8
2065	800.0	340.0	1.5	42.1	26.6
2066	820.0	340.0	1.5	41.8	26.3
2067	840.0	340.0	1.5	41.5	26.0
2068	860.0	340.0	1.5	41.2	25.8
2069	0.0	320.0	1.5	45.2	34.8
2070	20.0	320.0	1.5	45.5	35.2
2071	40.0	320.0	1.5	45.9	35.6
2072	60.0	320.0	1.5	46.2	36.1
2073	80.0	320.0	1.5	46.6	36.4
2074	100.0	320.0	1.5	47.1	36.8
2075	120.0	320.0	1.5	47.6	37.0
2076	140.0	320.0	1.5	48.1	37.2
2077	160.0	320.0	1.5	48.8	37.3
2078	180.0	320.0	1.5	49.7	37.3
2079	200.0	320.0	1.5	51.0	37.2
2080	220.0	320.0	1.5	52.9	37.1
2081	240.0	320.0	1.5	56.3	36.8
2082	260.0	320.0	1.5	60.7	36.5
2083	280.0	320.0	1.5	61.5	36.2
2084	300.0	320.0	1.5	61.9	35.8
2085	320.0	320.0	1.5	62.5	35.4
2086	340.0	320.0	1.5	63.2	35.0
2087	360.0	320.0	1.5	64.0	34.6
2088	380.0	320.0	1.5	64.2	34.1
2089	400.0	320.0	1.5	63.8	33.6
2090	420.0	320.0	1.5	63.5	33.2
2091	440.0	320.0	1.5	63.2	32.7
2092	460.0	320.0	1.5	60.0	32.3

2093	480.0	320.0	1.5	57.2	31.9
2094	500.0	320.0	1.5	54.9	31.5
2095	520.0	320.0	1.5	52.7	31.1
2096	540.0	320.0	1.5	50.8	30.7
2097	560.0	320.0	1.5	49.3	30.3
2098	580.0	320.0	1.5	48.1	30.0
2099	600.0	320.0	1.5	47.2	29.6
2100	620.0	320.0	1.5	46.4	29.3
2101	640.0	320.0	1.5	45.7	28.9
2102	660.0	320.0	1.5	45.1	28.6
2103	680.0	320.0	1.5	44.5	28.2
2104	700.0	320.0	1.5	44.1	27.9
2105	720.0	320.0	1.5	43.6	27.6
2106	740.0	320.0	1.5	43.2	27.3
2107	760.0	320.0	1.5	42.8	27.0
2108	780.0	320.0	1.5	42.4	26.7
2109	800.0	320.0	1.5	42.1	26.4
2110	820.0	320.0	1.5	41.7	26.2
2111	840.0	320.0	1.5	41.4	25.9
2112	860.0	320.0	1.5	41.1	25.7
2113	0.0	300.0	1.5	44.9	34.2
2114	20.0	300.0	1.5	45.3	34.6
2115	40.0	300.0	1.5	45.6	35.0
2116	60.0	300.0	1.5	46.0	35.4
2117	80.0	300.0	1.5	46.4	35.7
2118	100.0	300.0	1.5	46.8	36.0
2119	120.0	300.0	1.5	47.3	36.2
2120	140.0	300.0	1.5	47.8	36.3
2121	160.0	300.0	1.5	48.5	36.4
2122	180.0	300.0	1.5	49.4	36.4
2123	200.0	300.0	1.5	50.5	36.4
2124	220.0	300.0	1.5	52.0	36.2
2125	240.0	300.0	1.5	53.9	36.0
2126	260.0	300.0	1.5	56.1	35.8
2127	280.0	300.0	1.5	58.2	35.5
2128	300.0	300.0	1.5	60.4	35.2
2129	320.0	300.0	1.5	62.9	34.8
2130	340.0	300.0	1.5	66.2	34.4
2131	360.0	300.0	1.5	71.4	34.0
2132	380.0	300.0	1.5	72.5	33.6
2133	400.0	300.0	1.5	69.1	33.2
2134	420.0	300.0	1.5	66.7	32.8
2135	440.0	300.0	1.5	64.9	32.4
2136	460.0	300.0	1.5	63.3	32.0
2137	480.0	300.0	1.5	61.4	31.6
2138	500.0	300.0	1.5	57.8	31.2
2139	520.0	300.0	1.5	54.1	30.9
2140	540.0	300.0	1.5	51.5	30.5
2141	560.0	300.0	1.5	49.6	30.1
2142	580.0	300.0	1.5	48.3	29.8
2143	600.0	300.0	1.5	47.2	29.4
2144	620.0	300.0	1.5	46.4	29.1
2145	640.0	300.0	1.5	45.7	28.7
2146	660.0	300.0	1.5	45.0	28.4

2147	680.0	300.0	1.5	44.5	28.0
2148	700.0	300.0	1.5	44.0	27.7
2149	720.0	300.0	1.5	43.5	27.4
2150	740.0	300.0	1.5	43.1	27.1
2151	760.0	300.0	1.5	42.7	26.9
2152	780.0	300.0	1.5	42.4	26.6
2153	800.0	300.0	1.5	42.0	26.3
2154	820.0	300.0	1.5	41.7	26.1
2155	840.0	300.0	1.5	41.3	25.8
2156	860.0	300.0	1.5	41.0	25.6
2157	0.0	280.0	1.5	44.7	33.7
2158	20.0	280.0	1.5	45.0	34.1
2159	40.0	280.0	1.5	45.3	34.4
2160	60.0	280.0	1.5	45.7	34.7
2161	80.0	280.0	1.5	46.1	35.0
2162	100.0	280.0	1.5	46.5	35.2
2163	120.0	280.0	1.5	47.0	35.4
2164	140.0	280.0	1.5	47.6	35.5
2165	160.0	280.0	1.5	48.2	35.6
2166	180.0	280.0	1.5	49.1	35.6
2167	200.0	280.0	1.5	50.2	35.6
2168	220.0	280.0	1.5	51.7	35.5
2169	240.0	280.0	1.5	53.8	35.3
2170	260.0	280.0	1.5	56.9	35.1
2171	280.0	280.0	1.5	61.5	34.8
2172	300.0	280.0	1.5	66.1	34.5
2173	320.0	280.0	1.5	71.4	34.2
2174	340.0	280.0	1.5	84.9	33.9
2175	360.0	280.0	1.5	71.0	33.5
2176	380.0	280.0	1.5	68.1	33.2
2177	400.0	280.0	1.5	70.2	32.8
2178	420.0	280.0	1.5	74.1	32.4
2179	440.0	280.0	1.5	82.3	32.0
2180	460.0	280.0	1.5	76.5	31.7
2181	480.0	280.0	1.5	72.0	31.3
2182	500.0	280.0	1.5	62.2	30.9
2183	520.0	280.0	1.5	55.5	30.6
2184	540.0	280.0	1.5	52.0	30.2
2185	560.0	280.0	1.5	49.9	29.9
2186	580.0	280.0	1.5	48.4	29.6
2187	600.0	280.0	1.5	47.2	29.2
2188	620.0	280.0	1.5	46.3	28.9
2189	640.0	280.0	1.5	45.6	28.5
2190	660.0	280.0	1.5	45.0	28.2
2191	680.0	280.0	1.5	44.4	27.9
2192	700.0	280.0	1.5	43.9	27.6
2193	720.0	280.0	1.5	43.5	27.3
2194	740.0	280.0	1.5	43.0	27.0
2195	760.0	280.0	1.5	42.6	26.7
2196	780.0	280.0	1.5	42.3	26.5
2197	800.0	280.0	1.5	41.9	26.2
2198	820.0	280.0	1.5	41.6	26.0
2199	840.0	280.0	1.5	41.3	25.7
2200	860.0	280.0	1.5	40.9	25.4

2201	0.0	260.0	1.5	44.4	33.2
2202	20.0	260.0	1.5	44.7	33.5
2203	40.0	260.0	1.5	45.1	33.8
2204	60.0	260.0	1.5	45.4	34.1
2205	80.0	260.0	1.5	45.8	34.3
2206	100.0	260.0	1.5	46.2	34.5
2207	120.0	260.0	1.5	46.7	34.7
2208	140.0	260.0	1.5	47.3	34.8
2209	160.0	260.0	1.5	48.0	34.9
2210	180.0	260.0	1.5	48.8	34.9
2211	200.0	260.0	1.5	49.9	34.8
2212	220.0	260.0	1.5	51.5	34.8
2213	240.0	260.0	1.5	54.0	34.6
2214	260.0	260.0	1.5	58.3	34.4
2215	280.0	260.0	1.5	67.6	34.2
2216	300.0	260.0	1.5	85.1	33.9
2217	320.0	260.0	1.5	72.2	33.7
2218	340.0	260.0	1.5	67.4	33.4
2219	360.0	260.0	1.5	64.5	33.0
2220	380.0	260.0	1.5	63.2	32.7
2221	400.0	260.0	1.5	63.8	32.4
2222	420.0	260.0	1.5	66.1	32.0
2223	440.0	260.0	1.5	70.1	31.7
2224	460.0	260.0	1.5	80.8	31.3
2225	480.0	260.0	1.5	71.9	31.0
2226	500.0	260.0	1.5	62.2	30.6
2227	520.0	260.0	1.5	55.5	30.3
2228	540.0	260.0	1.5	52.0	30.0
2229	560.0	260.0	1.5	49.8	29.6
2230	580.0	260.0	1.5	48.3	29.3
2231	600.0	260.0	1.5	47.1	29.0
2232	620.0	260.0	1.5	46.2	28.7
2233	640.0	260.0	1.5	45.5	28.3
2234	660.0	260.0	1.5	44.9	28.0
2235	680.0	260.0	1.5	44.3	27.7
2236	700.0	260.0	1.5	43.8	27.4
2237	720.0	260.0	1.5	43.4	27.1
2238	740.0	260.0	1.5	42.9	26.9
2239	760.0	260.0	1.5	42.5	26.6
2240	780.0	260.0	1.5	42.2	26.3
2241	800.0	260.0	1.5	41.8	26.1
2242	820.0	260.0	1.5	41.5	25.8
2243	840.0	260.0	1.5	41.2	25.6
2244	860.0	260.0	1.5	40.9	25.3
2245	0.0	240.0	1.5	44.2	32.7
2246	20.0	240.0	1.5	44.5	33.0
2247	40.0	240.0	1.5	44.8	33.3
2248	60.0	240.0	1.5	45.2	33.5
2249	80.0	240.0	1.5	45.5	33.7
2250	100.0	240.0	1.5	46.0	33.9
2251	120.0	240.0	1.5	46.4	34.1
2252	140.0	240.0	1.5	47.0	34.2
2253	160.0	240.0	1.5	47.7	34.2
2254	180.0	240.0	1.5	48.5	34.2

2255	200.0	240.0	1.5	49.6	34.2
2256	220.0	240.0	1.5	51.2	34.1
2257	240.0	240.0	1.5	53.6	34.0
2258	260.0	240.0	1.5	57.6	33.8
2259	280.0	240.0	1.5	64.7	33.6
2260	300.0	240.0	1.5	71.4	33.4
2261	320.0	240.0	1.5	79.1	33.1
2262	340.0	240.0	1.5	75.5	32.9
2263	360.0	240.0	1.5	69.6	32.6
2264	380.0	240.0	1.5	66.7	32.3
2265	400.0	240.0	1.5	69.1	32.0
2266	420.0	240.0	1.5	79.5	31.7
2267	440.0	240.0	1.5	71.8	31.3
2268	460.0	240.0	1.5	66.0	31.0
2269	480.0	240.0	1.5	62.2	30.7
2270	500.0	240.0	1.5	58.0	30.4
2271	520.0	240.0	1.5	54.2	30.0
2272	540.0	240.0	1.5	51.4	29.7
2273	560.0	240.0	1.5	49.4	29.4
2274	580.0	240.0	1.5	48.0	29.1
2275	600.0	240.0	1.5	46.9	28.7
2276	620.0	240.0	1.5	46.1	28.4
2277	640.0	240.0	1.5	45.4	28.1
2278	660.0	240.0	1.5	44.7	27.8
2279	680.0	240.0	1.5	44.2	27.5
2280	700.0	240.0	1.5	43.7	27.2
2281	720.0	240.0	1.5	43.2	27.0
2282	740.0	240.0	1.5	42.8	26.7
2283	760.0	240.0	1.5	42.4	26.5
2284	780.0	240.0	1.5	42.1	26.2
2285	800.0	240.0	1.5	41.7	26.0
2286	820.0	240.0	1.5	41.4	25.7
2287	840.0	240.0	1.5	41.1	25.4
2288	860.0	240.0	1.5	40.8	25.2
2289	0.0	220.0	1.5	43.9	32.3
2290	20.0	220.0	1.5	44.2	32.5
2291	40.0	220.0	1.5	44.5	32.8
2292	60.0	220.0	1.5	44.9	33.0
2293	80.0	220.0	1.5	45.3	33.2
2294	100.0	220.0	1.5	45.7	33.3
2295	120.0	220.0	1.5	46.1	33.4
2296	140.0	220.0	1.5	46.7	33.5
2297	160.0	220.0	1.5	47.3	33.6
2298	180.0	220.0	1.5	48.1	33.6
2299	200.0	220.0	1.5	49.1	33.6
2300	220.0	220.0	1.5	50.5	33.5
2301	240.0	220.0	1.5	52.5	33.4
2302	260.0	220.0	1.5	55.3	33.2
2303	280.0	220.0	1.5	58.8	33.1
2304	300.0	220.0	1.5	61.9	32.9
2305	320.0	220.0	1.5	64.2	32.6
2306	340.0	220.0	1.5	67.1	32.4
2307	360.0	220.0	1.5	71.4	32.1
2308	380.0	220.0	1.5	80.3	31.8

2309	400.0	220.0	1.5	72.2	31.6
2310	420.0	220.0	1.5	66.0	31.3
2311	440.0	220.0	1.5	62.3	31.0
2312	460.0	220.0	1.5	59.6	30.7
2313	480.0	220.0	1.5	57.2	30.4
2314	500.0	220.0	1.5	54.8	30.0
2315	520.0	220.0	1.5	52.4	29.7
2316	540.0	220.0	1.5	50.4	29.4
2317	560.0	220.0	1.5	48.9	29.1
2318	580.0	220.0	1.5	47.6	28.8
2319	600.0	220.0	1.5	46.7	28.5
2320	620.0	220.0	1.5	45.9	28.2
2321	640.0	220.0	1.5	45.2	27.9
2322	660.0	220.0	1.5	44.6	27.6
2323	680.0	220.0	1.5	44.0	27.3
2324	700.0	220.0	1.5	43.5	27.1
2325	720.0	220.0	1.5	43.1	26.8
2326	740.0	220.0	1.5	42.7	26.6
2327	760.0	220.0	1.5	42.3	26.3
2328	780.0	220.0	1.5	41.9	26.1
2329	800.0	220.0	1.5	41.6	25.8
2330	820.0	220.0	1.5	41.3	25.6
2331	840.0	220.0	1.5	41.0	25.3
2332	860.0	220.0	1.5	40.6	25.0
2333	0.0	200.0	1.5	43.7	31.8
2334	20.0	200.0	1.5	44.0	32.0
2335	40.0	200.0	1.5	44.3	32.2
2336	60.0	200.0	1.5	44.6	32.4
2337	80.0	200.0	1.5	45.0	32.6
2338	100.0	200.0	1.5	45.4	32.8
2339	120.0	200.0	1.5	45.8	32.9
2340	140.0	200.0	1.5	46.3	32.9
2341	160.0	200.0	1.5	46.9	33.0
2342	180.0	200.0	1.5	47.7	33.0
2343	200.0	200.0	1.5	48.6	33.0
2344	220.0	200.0	1.5	49.7	32.9
2345	240.0	200.0	1.5	51.2	32.8
2346	260.0	200.0	1.5	53.0	32.7
2347	280.0	200.0	1.5	55.1	32.5
2348	300.0	200.0	1.5	56.9	32.3
2349	320.0	200.0	1.5	58.4	32.1
2350	340.0	200.0	1.5	59.9	31.9
2351	360.0	200.0	1.5	61.6	31.7
2352	380.0	200.0	1.5	62.8	31.4
2353	400.0	200.0	1.5	61.7	31.2
2354	420.0	200.0	1.5	59.4	30.9
2355	440.0	200.0	1.5	57.4	30.6
2356	460.0	200.0	1.5	55.7	30.3
2357	480.0	200.0	1.5	54.1	30.0
2358	500.0	200.0	1.5	52.4	29.7
2359	520.0	200.0	1.5	50.9	29.5
2360	540.0	200.0	1.5	49.4	29.2
2361	560.0	200.0	1.5	48.2	28.8
2362	580.0	200.0	1.5	47.2	28.5

2363	600.0	200.0	1.5	46.3	28.2
2364	620.0	200.0	1.5	45.6	28.0
2365	640.0	200.0	1.5	44.9	27.7
2366	660.0	200.0	1.5	44.4	27.4
2367	680.0	200.0	1.5	43.8	27.2
2368	700.0	200.0	1.5	43.4	26.9
2369	720.0	200.0	1.5	42.9	26.7
2370	740.0	200.0	1.5	42.5	26.4
2371	760.0	200.0	1.5	42.2	26.2
2372	780.0	200.0	1.5	41.8	25.9
2373	800.0	200.0	1.5	41.5	25.7
2374	820.0	200.0	1.5	41.1	25.4
2375	840.0	200.0	1.5	40.8	25.2
2376	860.0	200.0	1.5	40.5	24.9
2377	0.0	180.0	1.5	43.4	31.3
2378	20.0	180.0	1.5	43.7	31.5
2379	40.0	180.0	1.5	44.0	31.7
2380	60.0	180.0	1.5	44.3	31.9
2381	80.0	180.0	1.5	44.7	32.1
2382	100.0	180.0	1.5	45.1	32.2
2383	120.0	180.0	1.5	45.5	32.3
2384	140.0	180.0	1.5	46.0	32.4
2385	160.0	180.0	1.5	46.5	32.4
2386	180.0	180.0	1.5	47.2	32.4
2387	200.0	180.0	1.5	47.9	32.4
2388	220.0	180.0	1.5	48.9	32.4
2389	240.0	180.0	1.5	50.0	32.3
2390	260.0	180.0	1.5	51.2	32.2
2391	280.0	180.0	1.5	52.5	32.0
2392	300.0	180.0	1.5	53.7	31.9
2393	320.0	180.0	1.5	54.7	31.7
2394	340.0	180.0	1.5	55.7	31.5
2395	360.0	180.0	1.5	56.4	31.2
2396	380.0	180.0	1.5	56.7	31.0
2397	400.0	180.0	1.5	56.3	30.8
2398	420.0	180.0	1.5	55.3	30.5
2399	440.0	180.0	1.5	54.1	30.2
2400	460.0	180.0	1.5	53.0	30.0
2401	480.0	180.0	1.5	51.9	29.7
2402	500.0	180.0	1.5	50.7	29.4
2403	520.0	180.0	1.5	49.6	29.1
2404	540.0	180.0	1.5	48.5	28.9
2405	560.0	180.0	1.5	47.5	28.6
2406	580.0	180.0	1.5	46.7	28.3
2407	600.0	180.0	1.5	45.9	28.0
2408	620.0	180.0	1.5	45.2	27.7
2409	640.0	180.0	1.5	44.7	27.5
2410	660.0	180.0	1.5	44.1	27.2
2411	680.0	180.0	1.5	43.6	27.0
2412	700.0	180.0	1.5	43.2	26.7
2413	720.0	180.0	1.5	42.8	26.5
2414	740.0	180.0	1.5	42.4	26.2
2415	760.0	180.0	1.5	42.0	26.0
2416	780.0	180.0	1.5	41.7	25.8

2417	800.0	180.0	1.5	41.3	25.5
2418	820.0	180.0	1.5	41.0	25.2
2419	840.0	180.0	1.5	40.7	25.0
2420	860.0	180.0	1.5	40.4	24.8
2421	0.0	160.0	1.5	43.2	30.9
2422	20.0	160.0	1.5	43.4	31.1
2423	40.0	160.0	1.5	43.7	31.3
2424	60.0	160.0	1.5	44.1	31.4
2425	80.0	160.0	1.5	44.4	31.6
2426	100.0	160.0	1.5	44.8	31.7
2427	120.0	160.0	1.5	45.2	31.8
2428	140.0	160.0	1.5	45.6	31.8
2429	160.0	160.0	1.5	46.1	31.9
2430	180.0	160.0	1.5	46.7	31.9
2431	200.0	160.0	1.5	47.3	31.9
2432	220.0	160.0	1.5	48.1	31.8
2433	240.0	160.0	1.5	48.9	31.7
2434	260.0	160.0	1.5	49.8	31.6
2435	280.0	160.0	1.5	50.7	31.5
2436	300.0	160.0	1.5	51.5	31.4
2437	320.0	160.0	1.5	52.2	31.2
2438	340.0	160.0	1.5	52.8	31.0
2439	360.0	160.0	1.5	53.2	30.8
2440	380.0	160.0	1.5	53.3	30.6
2441	400.0	160.0	1.5	53.1	30.3
2442	420.0	160.0	1.5	52.5	30.1
2443	440.0	160.0	1.5	51.8	29.9
2444	460.0	160.0	1.5	51.0	29.6
2445	480.0	160.0	1.5	50.2	29.4
2446	500.0	160.0	1.5	49.3	29.1
2447	520.0	160.0	1.5	48.5	28.8
2448	540.0	160.0	1.5	47.6	28.6
2449	560.0	160.0	1.5	46.9	28.3
2450	580.0	160.0	1.5	46.1	28.0
2451	600.0	160.0	1.5	45.5	27.8
2452	620.0	160.0	1.5	44.9	27.5
2453	640.0	160.0	1.5	44.4	27.3
2454	660.0	160.0	1.5	43.9	27.0
2455	680.0	160.0	1.5	43.4	26.8
2456	700.0	160.0	1.5	43.0	26.5
2457	720.0	160.0	1.5	42.6	26.3
2458	740.0	160.0	1.5	42.2	26.1
2459	760.0	160.0	1.5	41.8	25.8
2460	780.0	160.0	1.5	41.5	25.6
2461	800.0	160.0	1.5	41.2	25.3
2462	820.0	160.0	1.5	40.9	25.1
2463	840.0	160.0	1.5	40.6	24.9
2464	860.0	160.0	1.5	40.3	24.7
2465	0.0	140.0	1.5	42.9	30.5
2466	20.0	140.0	1.5	43.2	30.6
2467	40.0	140.0	1.5	43.5	30.8
2468	60.0	140.0	1.5	43.8	30.9
2469	80.0	140.0	1.5	44.1	31.1
2470	100.0	140.0	1.5	44.4	31.2

2471	120.0	140.0	1.5	44.8	31.3
2472	140.0	140.0	1.5	45.2	31.3
2473	160.0	140.0	1.5	45.7	31.4
2474	180.0	140.0	1.5	46.1	31.4
2475	200.0	140.0	1.5	46.7	31.4
2476	220.0	140.0	1.5	47.3	31.3
2477	240.0	140.0	1.5	47.9	31.2
2478	260.0	140.0	1.5	48.6	31.2
2479	280.0	140.0	1.5	49.2	31.0
2480	300.0	140.0	1.5	49.8	30.9
2481	320.0	140.0	1.5	50.3	30.7
2482	340.0	140.0	1.5	50.7	30.5
2483	360.0	140.0	1.5	51.0	30.4
2484	380.0	140.0	1.5	51.0	30.2
2485	400.0	140.0	1.5	50.9	29.9
2486	420.0	140.0	1.5	50.5	29.7
2487	440.0	140.0	1.5	50.1	29.5
2488	460.0	140.0	1.5	49.5	29.3
2489	480.0	140.0	1.5	48.9	29.0
2490	500.0	140.0	1.5	48.2	28.8
2491	520.0	140.0	1.5	47.5	28.5
2492	540.0	140.0	1.5	46.9	28.3
2493	560.0	140.0	1.5	46.2	28.0
2494	580.0	140.0	1.5	45.6	27.8
2495	600.0	140.0	1.5	45.1	27.5
2496	620.0	140.0	1.5	44.5	27.3
2497	640.0	140.0	1.5	44.0	27.1
2498	660.0	140.0	1.5	43.6	26.8
2499	680.0	140.0	1.5	43.2	26.6
2500	700.0	140.0	1.5	42.8	26.4
2501	720.0	140.0	1.5	42.4	26.1
2502	740.0	140.0	1.5	42.0	25.9
2503	760.0	140.0	1.5	41.7	25.7
2504	780.0	140.0	1.5	41.3	25.4
2505	800.0	140.0	1.5	41.0	25.2
2506	820.0	140.0	1.5	40.7	25.0
2507	840.0	140.0	1.5	40.4	24.8
2508	860.0	140.0	1.5	40.1	24.5
2509	0.0	120.0	1.5	42.6	30.1
2510	20.0	120.0	1.5	42.9	30.2
2511	40.0	120.0	1.5	43.2	30.4
2512	60.0	120.0	1.5	43.5	30.5
2513	80.0	120.0	1.5	43.8	30.6
2514	100.0	120.0	1.5	44.1	30.7
2515	120.0	120.0	1.5	44.4	30.8
2516	140.0	120.0	1.5	44.8	30.8
2517	160.0	120.0	1.5	45.2	30.9
2518	180.0	120.0	1.5	45.6	30.9
2519	200.0	120.0	1.5	46.1	30.9
2520	220.0	120.0	1.5	46.6	30.8
2521	240.0	120.0	1.5	47.1	30.8
2522	260.0	120.0	1.5	47.6	30.7
2523	280.0	120.0	1.5	48.1	30.6
2524	300.0	120.0	1.5	48.5	30.4

2525	320.0	120.0	1.5	48.9	30.3
2526	340.0	120.0	1.5	49.2	30.1
2527	360.0	120.0	1.5	49.3	29.9
2528	380.0	120.0	1.5	49.4	29.8
2529	400.0	120.0	1.5	49.3	29.6
2530	420.0	120.0	1.5	49.0	29.4
2531	440.0	120.0	1.5	48.7	29.2
2532	460.0	120.0	1.5	48.3	28.9
2533	480.0	120.0	1.5	47.8	28.7
2534	500.0	120.0	1.5	47.3	28.5
2535	520.0	120.0	1.5	46.7	28.3
2536	540.0	120.0	1.5	46.2	28.0
2537	560.0	120.0	1.5	45.6	27.8
2538	580.0	120.0	1.5	45.1	27.5
2539	600.0	120.0	1.5	44.6	27.3
2540	620.0	120.0	1.5	44.2	27.1
2541	640.0	120.0	1.5	43.7	26.9
2542	660.0	120.0	1.5	43.3	26.6
2543	680.0	120.0	1.5	42.9	26.4
2544	700.0	120.0	1.5	42.5	26.2
2545	720.0	120.0	1.5	42.2	26.0
2546	740.0	120.0	1.5	41.8	25.7
2547	760.0	120.0	1.5	41.5	25.5
2548	780.0	120.0	1.5	41.2	25.2
2549	800.0	120.0	1.5	40.9	25.0
2550	820.0	120.0	1.5	40.6	24.8
2551	840.0	120.0	1.5	40.3	24.6
2552	860.0	120.0	1.5	40.0	24.4
2553	0.0	100.0	1.5	42.4	29.7
2554	20.0	100.0	1.5	42.6	29.8
2555	40.0	100.0	1.5	42.9	29.9
2556	60.0	100.0	1.5	43.2	30.1
2557	80.0	100.0	1.5	43.5	30.1
2558	100.0	100.0	1.5	43.8	30.2
2559	120.0	100.0	1.5	44.1	30.3
2560	140.0	100.0	1.5	44.4	30.4
2561	160.0	100.0	1.5	44.8	30.4
2562	180.0	100.0	1.5	45.1	30.4
2563	200.0	100.0	1.5	45.5	30.4
2564	220.0	100.0	1.5	45.9	30.4
2565	240.0	100.0	1.5	46.4	30.3
2566	260.0	100.0	1.5	46.8	30.2
2567	280.0	100.0	1.5	47.1	30.1
2568	300.0	100.0	1.5	47.5	30.0
2569	320.0	100.0	1.5	47.7	29.9
2570	340.0	100.0	1.5	47.9	29.7
2571	360.0	100.0	1.5	48.1	29.6
2572	380.0	100.0	1.5	48.1	29.4
2573	400.0	100.0	1.5	48.0	29.2
2574	420.0	100.0	1.5	47.8	29.0
2575	440.0	100.0	1.5	47.6	28.8
2576	460.0	100.0	1.5	47.2	28.6
2577	480.0	100.0	1.5	46.9	28.4
2578	500.0	100.0	1.5	46.4	28.2

2579	520.0	100.0	1.5	46.0	27.9
2580	540.0	100.0	1.5	45.5	27.7
2581	560.0	100.0	1.5	45.1	27.5
2582	580.0	100.0	1.5	44.6	27.3
2583	600.0	100.0	1.5	44.2	27.1
2584	620.0	100.0	1.5	43.8	26.8
2585	640.0	100.0	1.5	43.4	26.6
2586	660.0	100.0	1.5	43.0	26.4
2587	680.0	100.0	1.5	42.6	26.2
2588	700.0	100.0	1.5	42.3	26.0
2589	720.0	100.0	1.5	41.9	25.8
2590	740.0	100.0	1.5	41.6	25.5
2591	760.0	100.0	1.5	41.3	25.3
2592	780.0	100.0	1.5	41.0	25.1
2593	800.0	100.0	1.5	40.7	24.9
2594	820.0	100.0	1.5	40.4	24.7
2595	840.0	100.0	1.5	40.1	24.5
2596	860.0	100.0	1.5	39.8	24.3
2597	0.0	80.0	1.5	42.1	29.3
2598	20.0	80.0	1.5	42.4	29.4
2599	40.0	80.0	1.5	42.6	29.5
2600	60.0	80.0	1.5	42.9	29.6
2601	80.0	80.0	1.5	43.2	29.7
2602	100.0	80.0	1.5	43.4	29.8
2603	120.0	80.0	1.5	43.7	29.9
2604	140.0	80.0	1.5	44.0	29.9
2605	160.0	80.0	1.5	44.3	30.0
2606	180.0	80.0	1.5	44.7	30.0
2607	200.0	80.0	1.5	45.0	30.0
2608	220.0	80.0	1.5	45.3	29.9
2609	240.0	80.0	1.5	45.7	29.9
2610	260.0	80.0	1.5	46.0	29.8
2611	280.0	80.0	1.5	46.3	29.7
2612	300.0	80.0	1.5	46.6	29.6
2613	320.0	80.0	1.5	46.8	29.5
2614	340.0	80.0	1.5	46.9	29.3
2615	360.0	80.0	1.5	47.0	29.2
2616	380.0	80.0	1.5	47.0	29.0
2617	400.0	80.0	1.5	47.0	28.8
2618	420.0	80.0	1.5	46.8	28.7
2619	440.0	80.0	1.5	46.6	28.5
2620	460.0	80.0	1.5	46.4	28.3
2621	480.0	80.0	1.5	46.0	28.1
2622	500.0	80.0	1.5	45.7	27.9
2623	520.0	80.0	1.5	45.3	27.7
2624	540.0	80.0	1.5	45.0	27.5
2625	560.0	80.0	1.5	44.6	27.3
2626	580.0	80.0	1.5	44.2	27.1
2627	600.0	80.0	1.5	43.8	26.8
2628	620.0	80.0	1.5	43.4	26.6
2629	640.0	80.0	1.5	43.0	26.4
2630	660.0	80.0	1.5	42.7	26.2
2631	680.0	80.0	1.5	42.3	26.0
2632	700.0	80.0	1.5	42.0	25.8

2633	720.0	80.0	1.5	41.7	25.5
2634	740.0	80.0	1.5	41.4	25.3
2635	760.0	80.0	1.5	41.1	25.1
2636	780.0	80.0	1.5	40.8	24.9
2637	800.0	80.0	1.5	40.5	24.7
2638	820.0	80.0	1.5	40.2	24.5
2639	840.0	80.0	1.5	40.0	24.3
2640	860.0	80.0	1.5	39.7	24.1
2641	0.0	60.0	1.5	41.9	28.9
2642	20.0	60.0	1.5	42.1	29.0
2643	40.0	60.0	1.5	42.3	29.1
2644	60.0	60.0	1.5	42.6	29.2
2645	80.0	60.0	1.5	42.8	29.3
2646	100.0	60.0	1.5	43.1	29.4
2647	120.0	60.0	1.5	43.4	29.4
2648	140.0	60.0	1.5	43.6	29.5
2649	160.0	60.0	1.5	43.9	29.5
2650	180.0	60.0	1.5	44.2	29.5
2651	200.0	60.0	1.5	44.5	29.5
2652	220.0	60.0	1.5	44.8	29.5
2653	240.0	60.0	1.5	45.1	29.4
2654	260.0	60.0	1.5	45.3	29.4
2655	280.0	60.0	1.5	45.6	29.3
2656	300.0	60.0	1.5	45.8	29.2
2657	320.0	60.0	1.5	46.0	29.1
2658	340.0	60.0	1.5	46.1	28.9
2659	360.0	60.0	1.5	46.1	28.8
2660	380.0	60.0	1.5	46.1	28.6
2661	400.0	60.0	1.5	46.1	28.5
2662	420.0	60.0	1.5	46.0	28.3
2663	440.0	60.0	1.5	45.8	28.1
2664	460.0	60.0	1.5	45.6	28.0
2665	480.0	60.0	1.5	45.3	27.8
2666	500.0	60.0	1.5	45.1	27.6
2667	520.0	60.0	1.5	44.7	27.4
2668	540.0	60.0	1.5	44.4	27.2
2669	560.0	60.0	1.5	44.1	27.0
2670	580.0	60.0	1.5	43.7	26.8
2671	600.0	60.0	1.5	43.4	26.6
2672	620.0	60.0	1.5	43.0	26.4
2673	640.0	60.0	1.5	42.7	26.2
2674	660.0	60.0	1.5	42.4	26.0
2675	680.0	60.0	1.5	42.1	25.8
2676	700.0	60.0	1.5	41.7	25.6
2677	720.0	60.0	1.5	41.4	25.4
2678	740.0	60.0	1.5	41.1	25.2
2679	760.0	60.0	1.5	40.9	25.0
2680	780.0	60.0	1.5	40.6	24.8
2681	800.0	60.0	1.5	40.3	24.6
2682	820.0	60.0	1.5	40.0	24.4
2683	840.0	60.0	1.5	39.8	24.2
2684	860.0	60.0	1.5	39.5	24.0
2685	0.0	40.0	1.5	41.6	28.5
2686	20.0	40.0	1.5	41.8	28.6

2687	40.0	40.0	1.5	42.1	28.7
2688	60.0	40.0	1.5	42.3	28.8
2689	80.0	40.0	1.5	42.5	28.9
2690	100.0	40.0	1.5	42.8	29.0
2691	120.0	40.0	1.5	43.0	29.0
2692	140.0	40.0	1.5	43.3	29.1
2693	160.0	40.0	1.5	43.5	29.1
2694	180.0	40.0	1.5	43.8	29.1
2695	200.0	40.0	1.5	44.0	29.1
2696	220.0	40.0	1.5	44.3	29.1
2697	240.0	40.0	1.5	44.5	29.0
2698	260.0	40.0	1.5	44.7	28.9
2699	280.0	40.0	1.5	44.9	28.9
2700	300.0	40.0	1.5	45.1	28.8
2701	320.0	40.0	1.5	45.2	28.7
2702	340.0	40.0	1.5	45.3	28.6
2703	360.0	40.0	1.5	45.4	28.4
2704	380.0	40.0	1.5	45.4	28.3
2705	400.0	40.0	1.5	45.3	28.1
2706	420.0	40.0	1.5	45.2	28.0
2707	440.0	40.0	1.5	45.1	27.8
2708	460.0	40.0	1.5	44.9	27.7
2709	480.0	40.0	1.5	44.7	27.5
2710	500.0	40.0	1.5	44.5	27.3
2711	520.0	40.0	1.5	44.2	27.1
2712	540.0	40.0	1.5	43.9	26.9
2713	560.0	40.0	1.5	43.6	26.8
2714	580.0	40.0	1.5	43.3	26.6
2715	600.0	40.0	1.5	43.0	26.4
2716	620.0	40.0	1.5	42.7	26.2
2717	640.0	40.0	1.5	42.4	26.0
2718	660.0	40.0	1.5	42.1	25.8
2719	680.0	40.0	1.5	41.8	25.6
2720	700.0	40.0	1.5	41.5	25.4
2721	720.0	40.0	1.5	41.2	25.2
2722	740.0	40.0	1.5	40.9	25.0
2723	760.0	40.0	1.5	40.6	24.8
2724	780.0	40.0	1.5	40.4	24.6
2725	800.0	40.0	1.5	40.1	24.4
2726	820.0	40.0	1.5	39.9	24.2
2727	840.0	40.0	1.5	39.6	24.0
2728	860.0	40.0	1.5	39.4	23.8
2729	0.0	20.0	1.5	41.3	28.2
2730	20.0	20.0	1.5	41.6	28.3
2731	40.0	20.0	1.5	41.8	28.4
2732	60.0	20.0	1.5	42.0	28.5
2733	80.0	20.0	1.5	42.2	28.5
2734	100.0	20.0	1.5	42.4	28.6
2735	120.0	20.0	1.5	42.7	28.6
2736	140.0	20.0	1.5	42.9	28.7
2737	160.0	20.0	1.5	43.1	28.7
2738	180.0	20.0	1.5	43.3	28.7
2739	200.0	20.0	1.5	43.6	28.7
2740	220.0	20.0	1.5	43.8	28.7

2741	240.0	20.0	1.5	44.0	28.6
2742	260.0	20.0	1.5	44.2	28.6
2743	280.0	20.0	1.5	44.3	28.5
2744	300.0	20.0	1.5	44.5	28.4
2745	320.0	20.0	1.5	44.6	28.3
2746	340.0	20.0	1.5	44.7	28.2
2747	360.0	20.0	1.5	44.7	28.1
2748	380.0	20.0	1.5	44.7	28.0
2749	400.0	20.0	1.5	44.7	27.8
2750	420.0	20.0	1.5	44.6	27.7
2751	440.0	20.0	1.5	44.5	27.5
2752	460.0	20.0	1.5	44.3	27.4
2753	480.0	20.0	1.5	44.1	27.2
2754	500.0	20.0	1.5	43.9	27.0
2755	520.0	20.0	1.5	43.7	26.9
2756	540.0	20.0	1.5	43.4	26.7
2757	560.0	20.0	1.5	43.2	26.5
2758	580.0	20.0	1.5	42.9	26.3
2759	600.0	20.0	1.5	42.6	26.2
2760	620.0	20.0	1.5	42.3	26.0
2761	640.0	20.0	1.5	42.1	25.8
2762	660.0	20.0	1.5	41.8	25.6
2763	680.0	20.0	1.5	41.5	25.4
2764	700.0	20.0	1.5	41.2	25.2
2765	720.0	20.0	1.5	40.9	25.0
2766	740.0	20.0	1.5	40.7	24.8
2767	760.0	20.0	1.5	40.4	24.6
2768	780.0	20.0	1.5	40.2	24.4
2769	800.0	20.0	1.5	39.9	24.3
2770	820.0	20.0	1.5	39.7	24.1
2771	840.0	20.0	1.5	39.4	23.9
2772	860.0	20.0	1.5	39.2	23.7
2773	0.0	0.0	1.5	41.1	27.8
2774	20.0	0.0	1.5	41.3	27.9
2775	40.0	0.0	1.5	41.5	28.0
2776	60.0	0.0	1.5	41.7	28.1
2777	80.0	0.0	1.5	41.9	28.2
2778	100.0	0.0	1.5	42.1	28.2
2779	120.0	0.0	1.5	42.3	28.3
2780	140.0	0.0	1.5	42.5	28.3
2781	160.0	0.0	1.5	42.7	28.3
2782	180.0	0.0	1.5	42.9	28.3
2783	200.0	0.0	1.5	43.1	28.3
2784	220.0	0.0	1.5	43.3	28.3
2785	240.0	0.0	1.5	43.5	28.3
2786	260.0	0.0	1.5	43.7	28.2
2787	280.0	0.0	1.5	43.8	28.1
2788	300.0	0.0	1.5	43.9	28.1
2789	320.0	0.0	1.5	44.0	28.0
2790	340.0	0.0	1.5	44.1	27.9
2791	360.0	0.0	1.5	44.1	27.8
2792	380.0	0.0	1.5	44.1	27.6
2793	400.0	0.0	1.5	44.1	27.5
2794	420.0	0.0	1.5	44.0	27.4

2795	440.0	0.0	1.5	43.9	27.2
2796	460.0	0.0	1.5	43.7	27.1
2797	480.0	0.0	1.5	43.6	26.9
2798	500.0	0.0	1.5	43.4	26.8
2799	520.0	0.0	1.5	43.2	26.6
2800	540.0	0.0	1.5	43.0	26.5
2801	560.0	0.0	1.5	42.7	26.3
2802	580.0	0.0	1.5	42.5	26.1
2803	600.0	0.0	1.5	42.2	25.9
2804	620.0	0.0	1.5	42.0	25.7
2805	640.0	0.0	1.5	41.7	25.5
2806	660.0	0.0	1.5	41.5	25.4
2807	680.0	0.0	1.5	41.2	25.2
2808	700.0	0.0	1.5	41.0	25.0
2809	720.0	0.0	1.5	40.7	24.8
2810	740.0	0.0	1.5	40.4	24.6
2811	760.0	0.0	1.5	40.2	24.5
2812	780.0	0.0	1.5	40.0	24.3
2813	800.0	0.0	1.5	39.7	24.1
2814	820.0	0.0	1.5	39.5	23.9
2815	840.0	0.0	1.5	39.2	23.7
2816	860.0	0.0	1.5	39.0	23.6
2817	212.0	1250.0	4.0	39.1	30.5
2818	272.0	1257.0	4.0	40.1	28.8
2819	665.0	1105.0	4.0	47.0	32.2

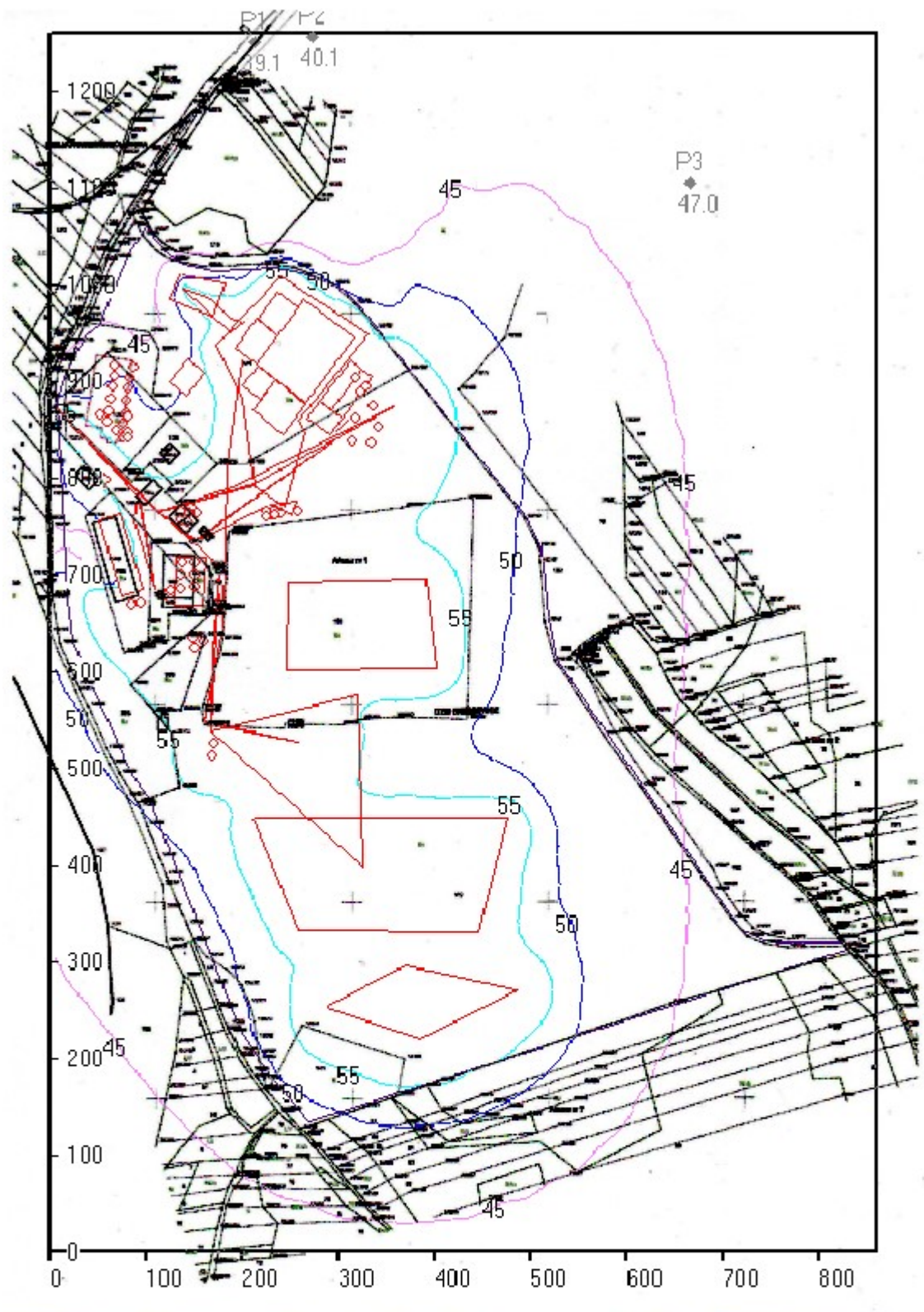
LAeq , dzień: wartość największa poza terenem zakładu występuje w punkcie (400,880,1.5)

i wynosi 57.2 dB(A)

LAeq , noc: wartość największa poza terenem zakładu występuje w punkcie (0,860,1.5)

i wynosi 47.1 dB(A)

Koniec obliczeń



"SON2" EKO-SOFT lic. JW/65036/Sp/10 Projekt: Składowisko odpadów ZK sp. z o.o. Opole, L_{Aeq} dzień; z = 1.5 m
Skala 1 : 7049

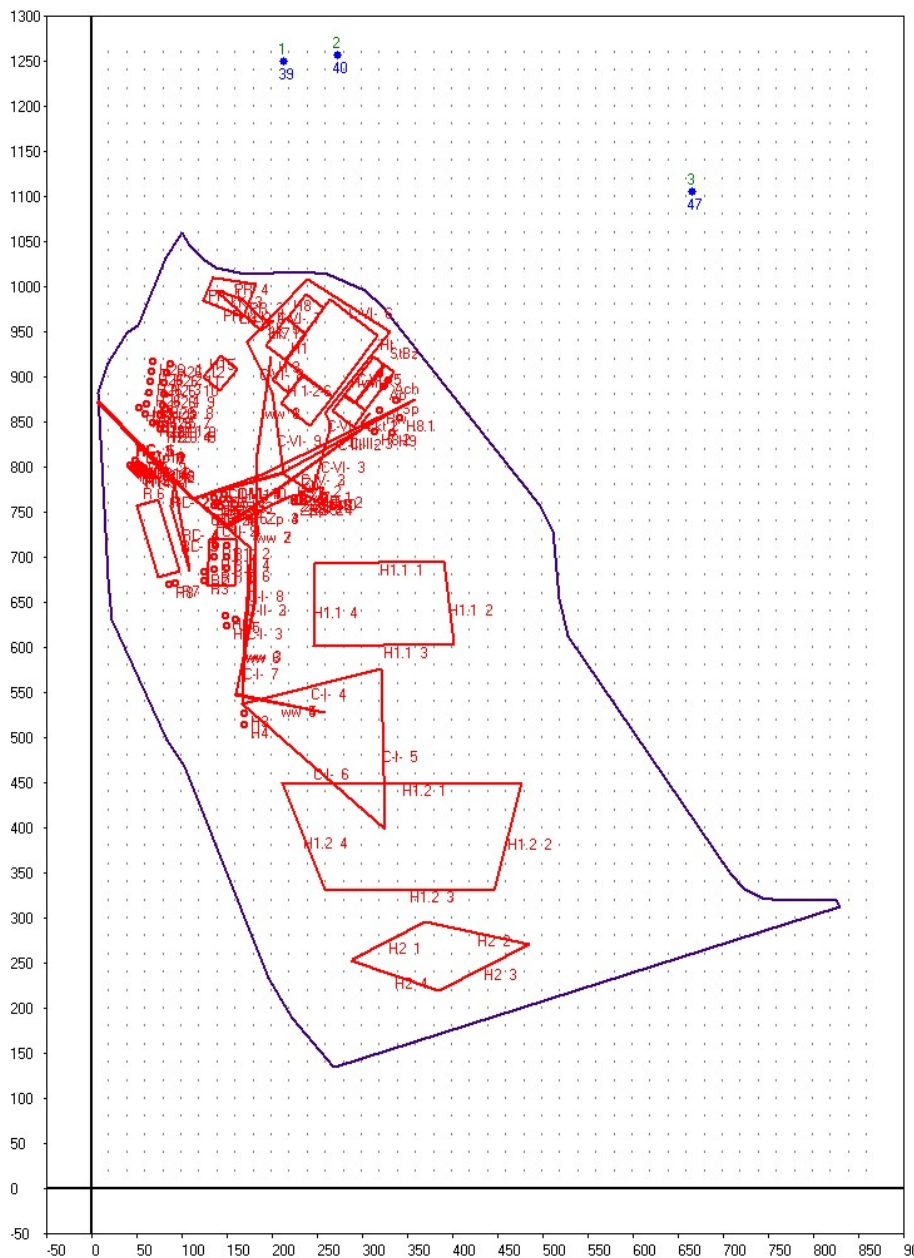
- L_{Aeq} dzień > 45.0 dB(A)
- L_{Aeq} dzień > 50.0 dB(A)
- L_{Aeq} dzień > 55.0 dB(A)



"SON2" EKO-SOFT lic. JW/65036/Sp/10 Projekt: Składowisko odpadów ZK sp. z o.o. Opole, LAeq noc; z = 1.5 m
Skala 1 : 7049

- LAeq noc > 35.0 dB(A)
- LAeq noc > 40.0 dB(A)
- LAeq noc > 45.0 dB(A)

Załącznik 6 Wyniki w receptorach - DZIEŃ



Załącznik 7 Wyniki w receptorach - NOC

