

Załącznik nr 4

ZAKŁAD PRZETWARZANIA ODPADÓW PRAŻUCHY NOWE

Wykonawca
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Prawa autorskie zastrzeżone

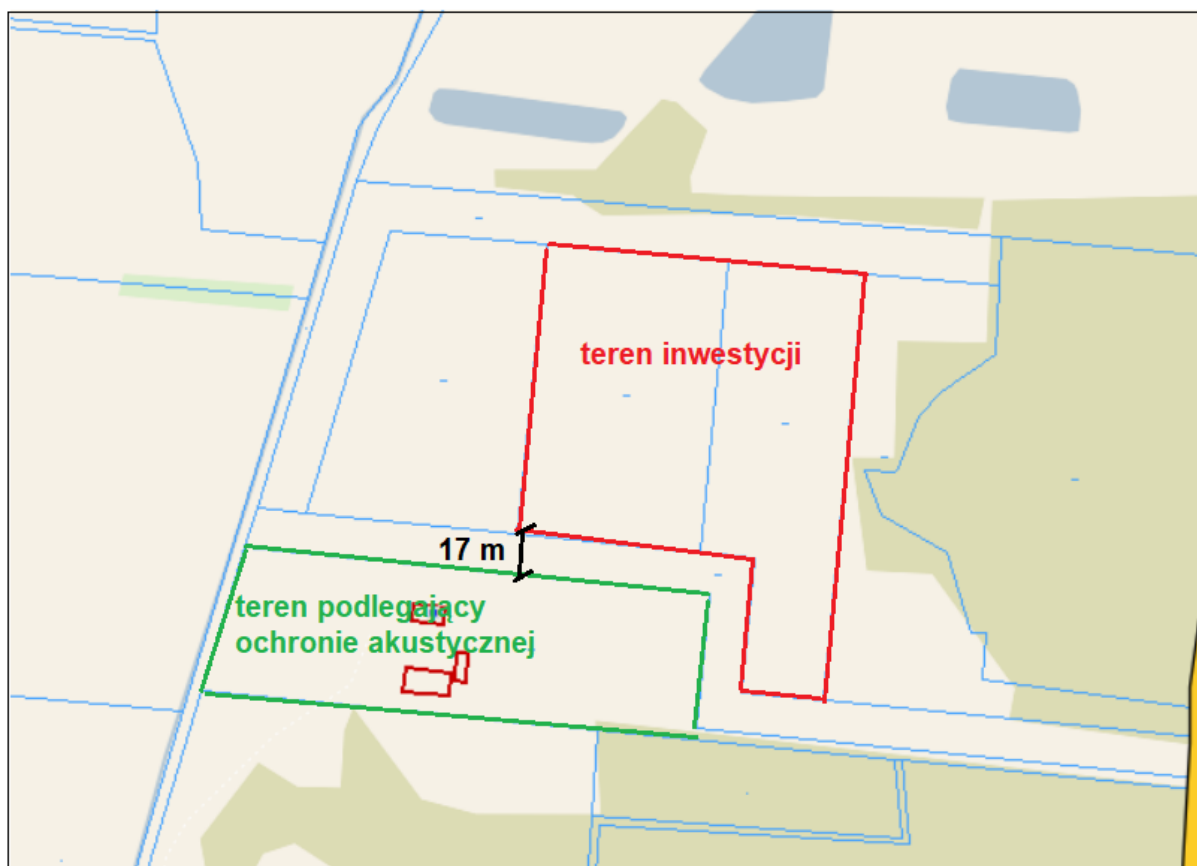
W celu ukazania, że w wyniku eksploatacji zakładu przetwarzania odpadów zostaną dotrzymane standardy, jakości środowiska w zakresie emisji hałasu postanowiono przeanalizować przyjęte w raporcie o oddziaływaniu przedsięwzięcia na środowisko złożenia i przeprowadzić analizę akustyczną uwzględniającą wszystkie planowane do realizacji źródła hałasu.

Z terenem przedmiotowej inwestycji sąsiadują tereny zabudowy zagrodowej, gdzie dopuszczalne poziomy hałasu zgodnie z załącznikiem do rozporządzenia Ministra Środowiska z dnia 14 czerwca 2007 r. w sprawie dopuszczalnych poziomów hałasu w środowisku (t.j. Dz. U. z 2014 r., poz. 112), wartości dopuszczalne poziomu hałasu dla terenów zabudowy zagrodowej przedstawiają się następująco: wynoszą: 55 dB (w porze dziennej) i 45 dB (w porze nocnej).

	Rodzaj terenu	Dopuszczalne poziomy hałasu w (dB)			
		Drogi lub linie kolejowe ¹⁾		Pozostałe obiekty i działalność będąca źródłem hałasu	
		L _{Aeq} D przedział czasu odniesienia równy 16 godzinom	L _{Aeq} N przedział czasu odniesienia równy 8 godzinom	L _{Aeq} D przedział czasu odniesienia równy 8 najmniej korzystnym godzinom dnia kolejno po sobie następującym	L _{Aeq} N przedział czasu odniesienia równy 1 najmniej korzystnej godzinie nocy
1	a) Strefa ochronna „A” uzdrowiska b) Tereny szpitali poza miastem	50	45	45	40
2	a) Tereny zabudowy mieszkaniowej jednorodzinnej b) Tereny zabudowy związanej ze stałym lub czasowym pobytem dzieci i młodzieży ²⁾ c) Tereny domów opieki społecznej d) Tereny szpitali w miastach	55	50	50	40
3	a) Tereny zabudowy mieszkaniowej wielorodzinnej i zamieszkania zbiorowego b) Tereny zabudowy zagrodowej c) Tereny rekreacyjno-wypoczynkowe ³⁾ d) Tereny mieszkaniowo-usługowe	60	50	55	45
4	Tereny w strefie śródmiejskiej miast powyżej 100 tys. mieszkańców ²⁾	65	55	55	45

Ryc.1 Dopuszczalne poziomy hałasu

Najbliżej położony teren chroniony akustycznie znajduje się w północnej części przedmiotowej inwestycji. Jest to działka o numerze ewidencyjnym 68/8, obręb Prażuchy Nowe. Biorąc pod uwagę działki ewidencyjne przeznaczone pod planowaną inwestycję, a działkę podlegającą ochronie akustycznej (budynek mieszkalny jednorodzinny w zabudowie zagrodowej) odległość ta wyniesie około 17 m.



Rys.2 teren podlegający ochronie akustycznej – zabudowa zagrodowa.

Eksploatacja przedsięwzięcia związana będzie z emisją hałasu do środowiska pochodzącego głównie z pojazdów poruszających się po terenie przedsięwzięcia oraz z budynku przetwarzania odpadów.

Emisja hałasu powodowana będzie:

- jazdą po terenie przedsięwzięcia pojazdów ciężarowych (przywóz i odbiór odpadów itp.),
- jazdą po terenie przedsięwzięcia pojazdów samochodów osobowych (parkowanie itp),
- pracą urządzeń i instalacji zlokalizowanych w obiekcie przetwarzania odpadów.

Największa możliwa emisja hałasu w ciągu 8 najbardziej niekorzystnej godziny w ciągu dnia wiązać się będzie z wjazdem i wyjazdem z terenu przedsięwzięcia 8 samochodów osobowych i 32 pojazdów ciężarowych. Największa emisja hałasu w ciągu 1 najbardziej niekorzystnej godziny w nocy wiązać się będzie z wjazdem i wyjazdem 1 samochodu osobowego. Zgodnie z rozporządzeniem Ministra Środowiska z dnia 14 czerwca 2007 r. w sprawie dopuszczalnych poziomów hałasu w środowisku (t.j. Dz.U. z 2014 r. poz.112) dopuszczalny poziom hałasu na terenach zabudowy zagrodowej, zlokalizowanej około 17 m na północ od granicy terenu przedsięwzięcia, nie może przekraczać następujących wartości:

LAeqD = 50 dB – pora dnia

LAeqN = 40 dB – pora nocy

Emisja hałasu powodowana przez ruch samochodów ciężarowych występować będzie wyłącznie w porze dziennej.

W okresie eksploatacji przedsięwzięcia źródłami emisji hałasu będą źródła liniowe w postaci poruszających się po terenie przedsięwzięcia pojazdów.

Do obliczeń przyjęto następujące założenia:

- na teren zakładu przyjeżdżać będzie maksymalnie 32 ciężarówek i 8 samochodów osobowych w ciągu najbardziej niekorzystnych 8 godzin w porze dziennej,
- na teren zakładu przyjeżdżać będzie 1 samochód osobowy w ciągu najbardziej niekorzystnej 1 godziny w porze nocnej,
- pojazdy poruszają się z prędkością 30 km/h.
- poziom mocy akustycznej pojazdów ciężarowych i czas jednostkowy operacji startu i hamowania:
 - start – 105 dB, czas operacji – 5 s,
 - jazda po terenie – 100 dB, czas operacji – w zależności od długości odcinka,
 - hamowanie – 100 dB, czas operacji – 3 s,
- poziom mocy akustycznej samochodów osobowych i czas jednostkowy operacji startu i hamowania:
 - start – 97 dB, czas operacji – 5 s,
 - jazda po terenie – 94 dB, czas operacji – w zależności od długości odcinka,
 - hamowanie – 94 dB, czas operacji – 3 s.

Założono, że samochody osobowe wjeżdżają na parking, zatrzymują się, następnie startują i opuszczają teren przedsięwzięcia oraz czasami wjeżdżają na teren zakładu. Pojazdy ciężarowe natomiast, wjeżdżają na teren zakładu, dojeżdżają do budynku przetwarzania odpadów, następnie hamują, startują i opuszczają teren przedsięwzięcia.

W oparciu o wzór $LWA_{eq} = 10 \log[(1/T) \times \sum(t_i \times 10^{0,1 \cdot L_i})]$ założono, że:

dla transportu zewnętrznego określono średni poziom dźwięku A jaki występować będzie na terenie inwestycji. Wyniki obliczeń przedstawiono w tabeli poniżej:

Lp.	Operacja	LW _{Aeq} (dB)
samochody osobowe		
1	manewrowanie	76.2
2	manewrowanie, start, hamowanie, manewrowanie	72.1
samochody ciężarowe		
3	manewrowanie	83.1
4	manewrowanie, start, hamowanie, manewrowanie	78.2

Oprócz hałasu powodowanego przez ruch pojazdów mechanicznych, kubaturowym źródłem hałasu będzie budynek, w którym prowadzone będą procesy przetwarzania odpadów. Zakład będzie pracował zarówno w porze dnia jak i nocy. W wyniku pracy instalacji i urządzeń zlokalizowanych w obiekcie, poziom hałasu w budynku wynosić będzie około 90 dB. Przyjęto wysokość budynku równą 10 m n.p.t oraz wykonanie ścian budynku z płyt warstwowych o izolacyjności 25 dB zgodnie z instrukcją ITB 338/2008.

Obliczenia poziomu dźwięku A w otoczeniu analizowanego obiektu przeprowadzono przy pomocy programu komputerowego „SON2”, którego budowa została oparta na modelu obliczeniowym zawartym w normie PN-ISO 9613-2. Obliczenia przeprowadzono ze szczególnym uwzględnieniem sąsiadującymi z terenem przedsięwzięcia budynkami mieszkalnymi. W celu przeprowadzenia obliczeń do programu wprowadzono następujące dane:

– współrzędne charakteryzujące lokalizację:

- źródła hałasu,
- trasę przejazdów środków transportu.

– moc akustyczną źródeł hałasu,

– współczynnik gruntu „G”, który zależy od rodzaju powierzchni ziemi występującej w obszarze objętym analizą i przyjmuje wartości od 0 dla powierzchni betonowych do 1 dla powierzchni porowatych (grunty orne, tereny zielone). Dla analizowanego obszaru przyjęto $G=0$,

– obliczenia przeprowadzono przy założeniu, że temperatura powietrza kształtuje się na poziomie 10°C natomiast prędkość wiatru nie przekracza 5m/s .

Należy zaznaczyć, że wzdłuż północnej granicy terenu inwestycji projektuje się zieleń izolacyjną, która dodatkowo stłumi hałas generowany przez inwestycję.

Przeprowadzona analiza wskazuje, iż przy przedstawionych wyżej założeniach, wynik sumaryczny oddziaływań źródeł hałasu na środowisko inwestycji nie przekroczy wartości dopuszczalnych poziomu hałasu dla terenów chronionych akustycznie. Z.U.O. "EKO - SOFT".

Jak wynika z przeprowadzonej symulacji na terenach objętych ochroną przed hałasem, poziom hałasu, którego źródłem jest analizowane przedsięwzięcie, będzie niższy niż wartości dopuszczalnego poziomu hałasu. Poziom hałasu w punktach reprezentujących zabudowę zagrodową wynosi odpowiednio

- w porze dziennej: 55 dB (granica działki) i około 45 dB przy budynku mieszkalnym w zabudowie zagrodowej,

- w porze nocnej: 50 dB (granica działki) i około 44/40 dB przy budynku mieszkalnym w zabudowie zagrodowej.

Obliczenia oraz mapa z rozkładem izofon w porze dnia i nocy przedstawiono poniżej:

L_{Aeq} , pory dnia i nocy

Nr	Współrzędne punktów			Wysokość	Poziom dźwięku w porze		
punktu	x	y	z	terenu	dnia	nocy	
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	m	m	m	m	dB(A)	dB(A)	

=====							
1	0.0	500.0	0.0	0.0	38.4	37.6	

2	10.0	500.0	0.0	0.0	38.5	37.7
3	20.0	500.0	0.0	0.0	38.6	37.9
4	30.0	500.0	0.0	0.0	38.8	38.0
5	40.0	500.0	0.0	0.0	38.9	38.2
6	50.0	500.0	0.0	0.0	39.1	38.3
7	60.0	500.0	0.0	0.0	39.2	38.4
8	70.0	500.0	0.0	0.0	39.3	38.6
9	80.0	500.0	0.0	0.0	39.4	38.7
10	90.0	500.0	0.0	0.0	39.5	38.8
11	100.0	500.0	0.0	0.0	39.6	39.0
12	110.0	500.0	0.0	0.0	39.7	39.1
13	120.0	500.0	0.0	0.0	39.9	39.2
14	130.0	500.0	0.0	0.0	40.0	39.3
15	140.0	500.0	0.0	0.0	40.1	39.5
16	150.0	500.0	0.0	0.0	40.2	39.6
17	160.0	500.0	0.0	0.0	40.3	39.7
18	170.0	500.0	0.0	0.0	40.4	39.8
19	180.0	500.0	0.0	0.0	40.5	39.9
20	190.0	500.0	0.0	0.0	40.6	40.0
21	200.0	500.0	0.0	0.0	40.7	40.1
22	210.0	500.0	0.0	0.0	40.7	40.1
23	220.0	500.0	0.0	0.0	40.8	40.2
24	230.0	500.0	0.0	0.0	40.8	40.3
25	240.0	500.0	0.0	0.0	40.9	40.3
26	250.0	500.0	0.0	0.0	40.9	40.3
27	260.0	500.0	0.0	0.0	40.9	40.3
28	270.0	500.0	0.0	0.0	41.0	40.3
29	280.0	500.0	0.0	0.0	40.3	39.7
30	290.0	500.0	0.0	0.0	40.3	39.6
31	300.0	500.0	0.0	0.0	40.3	39.6
32	310.0	500.0	0.0	0.0	40.5	39.9

33	320.0	500.0	0.0	0.0	40.4	39.8
34	330.0	500.0	0.0	0.0	40.3	39.8
35	340.0	500.0	0.0	0.0	40.1	39.6
36	350.0	500.0	0.0	0.0	39.9	39.5
37	360.0	500.0	0.0	0.0	39.8	39.4
38	370.0	500.0	0.0	0.0	39.7	39.3
39	380.0	500.0	0.0	0.0	39.6	39.2
40	390.0	500.0	0.0	0.0	39.5	39.1
41	400.0	500.0	0.0	0.0	39.4	39.0
42	410.0	500.0	0.0	0.0	39.3	38.9
43	420.0	500.0	0.0	0.0	39.1	38.8
44	430.0	500.0	0.0	0.0	39.0	38.6
45	440.0	500.0	0.0	0.0	38.9	38.5
46	450.0	500.0	0.0	0.0	38.8	38.4
47	460.0	500.0	0.0	0.0	38.7	38.3
48	470.0	500.0	0.0	0.0	38.5	38.1
49	480.0	500.0	0.0	0.0	38.4	38.0
50	490.0	500.0	0.0	0.0	38.3	37.9
51	500.0	500.0	0.0	0.0	38.2	37.7
52	0.0	490.0	0.0	0.0	38.5	37.7
53	10.0	490.0	0.0	0.0	38.7	37.9
54	20.0	490.0	0.0	0.0	38.8	38.0
55	30.0	490.0	0.0	0.0	38.9	38.2
56	40.0	490.0	0.0	0.0	39.1	38.3
57	50.0	490.0	0.0	0.0	39.2	38.5
58	60.0	490.0	0.0	0.0	39.4	38.6
59	70.0	490.0	0.0	0.0	39.5	38.8
60	80.0	490.0	0.0	0.0	39.6	38.9
61	90.0	490.0	0.0	0.0	39.7	39.0
62	100.0	490.0	0.0	0.0	39.9	39.2
63	110.0	490.0	0.0	0.0	39.9	39.3

64	120.0	490.0	0.0	0.0	40.1	39.4
65	130.0	490.0	0.0	0.0	40.2	39.6
66	140.0	490.0	0.0	0.0	40.3	39.7
67	150.0	490.0	0.0	0.0	40.4	39.8
68	160.0	490.0	0.0	0.0	40.6	40.0
69	170.0	490.0	0.0	0.0	40.7	40.1
70	180.0	490.0	0.0	0.0	40.8	40.2
71	190.0	490.0	0.0	0.0	40.9	40.3
72	200.0	490.0	0.0	0.0	40.9	40.4
73	210.0	490.0	0.0	0.0	41.0	40.4
74	220.0	490.0	0.0	0.0	41.1	40.5
75	230.0	490.0	0.0	0.0	41.1	40.6
76	240.0	490.0	0.0	0.0	41.2	40.6
77	250.0	490.0	0.0	0.0	41.2	40.6
78	260.0	490.0	0.0	0.0	41.2	40.6
79	270.0	490.0	0.0	0.0	41.3	40.6
80	280.0	490.0	0.0	0.0	40.6	40.0
81	290.0	490.0	0.0	0.0	40.6	40.0
82	300.0	490.0	0.0	0.0	40.6	39.9
83	310.0	490.0	0.0	0.0	40.7	40.2
84	320.0	490.0	0.0	0.0	40.7	40.1
85	330.0	490.0	0.0	0.0	40.5	40.0
86	340.0	490.0	0.0	0.0	40.3	39.9
87	350.0	490.0	0.0	0.0	40.2	39.8
88	360.0	490.0	0.0	0.0	40.0	39.7
89	370.0	490.0	0.0	0.0	39.9	39.6
90	380.0	490.0	0.0	0.0	39.8	39.5
91	390.0	490.0	0.0	0.0	39.7	39.4
92	400.0	490.0	0.0	0.0	39.6	39.2
93	410.0	490.0	0.0	0.0	39.5	39.1
94	420.0	490.0	0.0	0.0	39.4	39.0

95	430.0	490.0	0.0	0.0	39.2	38.8
96	440.0	490.0	0.0	0.0	39.1	38.7
97	450.0	490.0	0.0	0.0	39.0	38.6
98	460.0	490.0	0.0	0.0	38.8	38.5
99	470.0	490.0	0.0	0.0	38.7	38.3
100	480.0	490.0	0.0	0.0	38.6	38.2
101	490.0	490.0	0.0	0.0	38.5	38.0
102	500.0	490.0	0.0	0.0	38.3	37.9
103	0.0	480.0	0.0	0.0	38.7	37.9
104	10.0	480.0	0.0	0.0	38.8	38.0
105	20.0	480.0	0.0	0.0	39.0	38.2
106	30.0	480.0	0.0	0.0	39.1	38.3
107	40.0	480.0	0.0	0.0	39.3	38.5
108	50.0	480.0	0.0	0.0	39.4	38.7
109	60.0	480.0	0.0	0.0	39.6	38.8
110	70.0	480.0	0.0	0.0	39.7	38.9
111	80.0	480.0	0.0	0.0	39.8	39.1
112	90.0	480.0	0.0	0.0	39.9	39.2
113	100.0	480.0	0.0	0.0	40.1	39.4
114	110.0	480.0	0.0	0.0	40.2	39.5
115	120.0	480.0	0.0	0.0	40.3	39.7
116	130.0	480.0	0.0	0.0	40.5	39.8
117	140.0	480.0	0.0	0.0	40.6	40.0
118	150.0	480.0	0.0	0.0	40.7	40.1
119	160.0	480.0	0.0	0.0	40.8	40.2
120	170.0	480.0	0.0	0.0	40.9	40.4
121	180.0	480.0	0.0	0.0	41.0	40.5
122	190.0	480.0	0.0	0.0	41.2	40.6
123	200.0	480.0	0.0	0.0	41.2	40.7
124	210.0	480.0	0.0	0.0	41.3	40.7
125	220.0	480.0	0.0	0.0	41.4	40.8

126	230.0	480.0	0.0	0.0	41.5	40.9
127	240.0	480.0	0.0	0.0	41.5	40.9
128	250.0	480.0	0.0	0.0	41.5	41.0
129	260.0	480.0	0.0	0.0	41.5	41.0
130	270.0	480.0	0.0	0.0	41.0	40.3
131	280.0	480.0	0.0	0.0	40.9	40.3
132	290.0	480.0	0.0	0.0	40.9	40.3
133	300.0	480.0	0.0	0.0	40.9	40.2
134	310.0	480.0	0.0	0.0	41.0	40.5
135	320.0	480.0	0.0	0.0	41.0	40.4
136	330.0	480.0	0.0	0.0	40.7	40.3
137	340.0	480.0	0.0	0.0	40.6	40.2
138	350.0	480.0	0.0	0.0	40.4	40.1
139	360.0	480.0	0.0	0.0	40.3	40.0
140	370.0	480.0	0.0	0.0	40.2	39.9
141	380.0	480.0	0.0	0.0	40.1	39.7
142	390.0	480.0	0.0	0.0	40.0	39.6
143	400.0	480.0	0.0	0.0	39.8	39.5
144	410.0	480.0	0.0	0.0	39.7	39.3
145	420.0	480.0	0.0	0.0	39.5	39.2
146	430.0	480.0	0.0	0.0	39.4	39.0
147	440.0	480.0	0.0	0.0	39.3	38.9
148	450.0	480.0	0.0	0.0	39.2	38.8
149	460.0	480.0	0.0	0.0	39.0	38.6
150	470.0	480.0	0.0	0.0	38.9	38.5
151	480.0	480.0	0.0	0.0	38.8	38.4
152	490.0	480.0	0.0	0.0	38.6	38.2
153	500.0	480.0	0.0	0.0	38.5	38.1
154	0.0	470.0	0.0	0.0	38.8	38.0
155	10.0	470.0	0.0	0.0	39.0	38.2
156	20.0	470.0	0.0	0.0	39.2	38.3

157	30.0	470.0	0.0	0.0	39.3	38.5
158	40.0	470.0	0.0	0.0	39.4	38.7
159	50.0	470.0	0.0	0.0	39.6	38.8
160	60.0	470.0	0.0	0.0	39.8	39.0
161	70.0	470.0	0.0	0.0	39.9	39.1
162	80.0	470.0	0.0	0.0	40.1	39.3
163	90.0	470.0	0.0	0.0	40.2	39.4
164	100.0	470.0	0.0	0.0	40.3	39.6
165	110.0	470.0	0.0	0.0	40.5	39.8
166	120.0	470.0	0.0	0.0	40.6	39.9
167	130.0	470.0	0.0	0.0	40.7	40.1
168	140.0	470.0	0.0	0.0	40.9	40.2
169	150.0	470.0	0.0	0.0	41.0	40.4
170	160.0	470.0	0.0	0.0	41.1	40.5
171	170.0	470.0	0.0	0.0	41.2	40.6
172	180.0	470.0	0.0	0.0	41.3	40.8
173	190.0	470.0	0.0	0.0	41.5	40.9
174	200.0	470.0	0.0	0.0	41.5	41.0
175	210.0	470.0	0.0	0.0	41.6	41.1
176	220.0	470.0	0.0	0.0	41.7	41.1
177	230.0	470.0	0.0	0.0	41.8	41.2
178	240.0	470.0	0.0	0.0	41.8	41.2
179	250.0	470.0	0.0	0.0	41.9	41.3
180	260.0	470.0	0.0	0.0	41.9	41.3
181	270.0	470.0	0.0	0.0	41.3	40.6
182	280.0	470.0	0.0	0.0	41.2	40.6
183	290.0	470.0	0.0	0.0	41.2	40.6
184	300.0	470.0	0.0	0.0	41.1	40.5
185	310.0	470.0	0.0	0.0	41.3	40.8
186	320.0	470.0	0.0	0.0	41.2	40.7
187	330.0	470.0	0.0	0.0	41.0	40.6

188	340.0	470.0	0.0	0.0	40.9	40.5
189	350.0	470.0	0.0	0.0	40.7	40.4
190	360.0	470.0	0.0	0.0	40.6	40.3
191	370.0	470.0	0.0	0.0	40.4	40.1
192	380.0	470.0	0.0	0.0	40.4	40.0
193	390.0	470.0	0.0	0.0	40.2	39.9
194	400.0	470.0	0.0	0.0	40.1	39.7
195	410.0	470.0	0.0	0.0	39.9	39.6
196	420.0	470.0	0.0	0.0	39.8	39.4
197	430.0	470.0	0.0	0.0	39.6	39.3
198	440.0	470.0	0.0	0.0	39.5	39.1
199	450.0	470.0	0.0	0.0	39.4	39.0
200	460.0	470.0	0.0	0.0	39.2	38.8
201	470.0	470.0	0.0	0.0	39.1	38.7
202	480.0	470.0	0.0	0.0	39.0	38.5
203	490.0	470.0	0.0	0.0	38.8	38.4
204	500.0	470.0	0.0	0.0	38.7	38.2
205	0.0	460.0	0.0	0.0	39.0	38.2
206	10.0	460.0	0.0	0.0	39.1	38.3
207	20.0	460.0	0.0	0.0	39.3	38.5
208	30.0	460.0	0.0	0.0	39.5	38.7
209	40.0	460.0	0.0	0.0	39.7	38.8
210	50.0	460.0	0.0	0.0	39.8	39.0
211	60.0	460.0	0.0	0.0	39.9	39.2
212	70.0	460.0	0.0	0.0	40.1	39.3
213	80.0	460.0	0.0	0.0	40.3	39.5
214	90.0	460.0	0.0	0.0	40.4	39.7
215	100.0	460.0	0.0	0.0	40.6	39.8
216	110.0	460.0	0.0	0.0	40.7	40.0
217	120.0	460.0	0.0	0.0	40.8	40.2
218	130.0	460.0	0.0	0.0	41.0	40.3

219	140.0	460.0	0.0	0.0	41.1	40.5
220	150.0	460.0	0.0	0.0	41.2	40.7
221	160.0	460.0	0.0	0.0	41.4	40.8
222	170.0	460.0	0.0	0.0	41.5	40.9
223	180.0	460.0	0.0	0.0	41.6	41.1
224	190.0	460.0	0.0	0.0	41.8	41.2
225	200.0	460.0	0.0	0.0	41.9	41.3
226	210.0	460.0	0.0	0.0	41.9	41.4
227	220.0	460.0	0.0	0.0	42.0	41.5
228	230.0	460.0	0.0	0.0	42.1	41.5
229	240.0	460.0	0.0	0.0	42.2	41.6
230	250.0	460.0	0.0	0.0	42.2	41.6
231	260.0	460.0	0.0	0.0	42.2	41.6
232	270.0	460.0	0.0	0.0	41.6	41.0
233	280.0	460.0	0.0	0.0	41.6	40.9
234	290.0	460.0	0.0	0.0	41.6	40.9
235	300.0	460.0	0.0	0.0	41.5	40.9
236	310.0	460.0	0.0	0.0	41.7	41.1
237	320.0	460.0	0.0	0.0	41.4	41.0
238	330.0	460.0	0.0	0.0	41.3	40.9
239	340.0	460.0	0.0	0.0	41.1	40.8
240	350.0	460.0	0.0	0.0	41.0	40.7
241	360.0	460.0	0.0	0.0	40.9	40.6
242	370.0	460.0	0.0	0.0	40.8	40.4
243	380.0	460.0	0.0	0.0	40.6	40.3
244	390.0	460.0	0.0	0.0	40.5	40.1
245	400.0	460.0	0.0	0.0	40.3	40.0
246	410.0	460.0	0.0	0.0	40.2	39.8
247	420.0	460.0	0.0	0.0	40.0	39.7
248	430.0	460.0	0.0	0.0	39.9	39.5
249	440.0	460.0	0.0	0.0	39.7	39.3

250	450.0	460.0	0.0	0.0	39.6	39.2
251	460.0	460.0	0.0	0.0	39.4	39.0
252	470.0	460.0	0.0	0.0	39.3	38.9
253	480.0	460.0	0.0	0.0	39.1	38.7
254	490.0	460.0	0.0	0.0	39.0	38.6
255	500.0	460.0	0.0	0.0	38.8	38.4
256	0.0	450.0	0.0	0.0	39.1	38.3
257	10.0	450.0	0.0	0.0	39.3	38.5
258	20.0	450.0	0.0	0.0	39.5	38.6
259	30.0	450.0	0.0	0.0	39.6	38.8
260	40.0	450.0	0.0	0.0	39.8	39.0
261	50.0	450.0	0.0	0.0	40.0	39.2
262	60.0	450.0	0.0	0.0	40.1	39.3
263	70.0	450.0	0.0	0.0	40.3	39.5
264	80.0	450.0	0.0	0.0	40.5	39.7
265	90.0	450.0	0.0	0.0	40.7	39.9
266	100.0	450.0	0.0	0.0	40.8	40.1
267	110.0	450.0	0.0	0.0	41.0	40.3
268	120.0	450.0	0.0	0.0	41.1	40.4
269	130.0	450.0	0.0	0.0	41.3	40.6
270	140.0	450.0	0.0	0.0	41.4	40.8
271	150.0	450.0	0.0	0.0	41.5	40.9
272	160.0	450.0	0.0	0.0	41.7	41.1
273	170.0	450.0	0.0	0.0	41.8	41.2
274	180.0	450.0	0.0	0.0	41.9	41.4
275	190.0	450.0	0.0	0.0	42.1	41.5
276	200.0	450.0	0.0	0.0	42.2	41.6
277	210.0	450.0	0.0	0.0	42.3	41.7
278	220.0	450.0	0.0	0.0	42.4	41.8
279	230.0	450.0	0.0	0.0	42.4	41.9
280	240.0	450.0	0.0	0.0	42.5	41.9

281	250.0	450.0	0.0	0.0	42.5	42.0
282	260.0	450.0	0.0	0.0	42.6	42.0
283	270.0	450.0	0.0	0.0	41.9	41.3
284	280.0	450.0	0.0	0.0	41.9	41.3
285	290.0	450.0	0.0	0.0	41.9	41.3
286	300.0	450.0	0.0	0.0	41.8	41.2
287	310.0	450.0	0.0	0.0	42.0	41.4
288	320.0	450.0	0.0	0.0	41.7	41.3
289	330.0	450.0	0.0	0.0	41.6	41.2
290	340.0	450.0	0.0	0.0	41.4	41.1
291	350.0	450.0	0.0	0.0	41.3	41.0
292	360.0	450.0	0.0	0.0	41.1	40.8
293	370.0	450.0	0.0	0.0	41.0	40.7
294	380.0	450.0	0.0	0.0	40.9	40.6
295	390.0	450.0	0.0	0.0	40.7	40.4
296	400.0	450.0	0.0	0.0	40.6	40.2
297	410.0	450.0	0.0	0.0	40.4	40.1
298	420.0	450.0	0.0	0.0	40.3	39.9
299	430.0	450.0	0.0	0.0	40.1	39.7
300	440.0	450.0	0.0	0.0	40.0	39.6
301	450.0	450.0	0.0	0.0	39.8	39.4
302	460.0	450.0	0.0	0.0	39.6	39.2
303	470.0	450.0	0.0	0.0	39.5	39.0
304	480.0	450.0	0.0	0.0	39.3	38.9
305	490.0	450.0	0.0	0.0	39.2	38.7
306	500.0	450.0	0.0	0.0	39.0	38.6
307	0.0	440.0	0.0	0.0	39.3	38.4
308	10.0	440.0	0.0	0.0	39.4	38.6
309	20.0	440.0	0.0	0.0	39.6	38.8
310	30.0	440.0	0.0	0.0	39.8	39.0
311	40.0	440.0	0.0	0.0	40.0	39.2

312	50.0	440.0	0.0	0.0	40.2	39.3
313	60.0	440.0	0.0	0.0	40.3	39.5
314	70.0	440.0	0.0	0.0	40.5	39.7
315	80.0	440.0	0.0	0.0	40.7	39.9
316	90.0	440.0	0.0	0.0	40.9	40.1
317	100.0	440.0	0.0	0.0	41.1	40.3
318	110.0	440.0	0.0	0.0	41.2	40.5
319	120.0	440.0	0.0	0.0	41.4	40.7
320	130.0	440.0	0.0	0.0	41.5	40.9
321	140.0	440.0	0.0	0.0	41.7	41.0
322	150.0	440.0	0.0	0.0	41.8	41.2
323	160.0	440.0	0.0	0.0	42.0	41.4
324	170.0	440.0	0.0	0.0	42.1	41.5
325	180.0	440.0	0.0	0.0	42.3	41.7
326	190.0	440.0	0.0	0.0	42.4	41.8
327	200.0	440.0	0.0	0.0	42.5	42.0
328	210.0	440.0	0.0	0.0	42.6	42.1
329	220.0	440.0	0.0	0.0	42.7	42.2
330	230.0	440.0	0.0	0.0	42.8	42.2
331	240.0	440.0	0.0	0.0	42.9	42.3
332	250.0	440.0	0.0	0.0	42.9	42.3
333	260.0	440.0	0.0	0.0	42.9	42.4
334	270.0	440.0	0.0	0.0	42.3	41.7
335	280.0	440.0	0.0	0.0	42.3	41.7
336	290.0	440.0	0.0	0.0	42.3	41.6
337	300.0	440.0	0.0	0.0	42.2	41.6
338	310.0	440.0	0.0	0.0	42.3	41.8
339	320.0	440.0	0.0	0.0	42.0	41.6
340	330.0	440.0	0.0	0.0	41.8	41.5
341	340.0	440.0	0.0	0.0	41.7	41.4
342	350.0	440.0	0.0	0.0	41.6	41.3

343	360.0	440.0	0.0	0.0	41.4	41.1
344	370.0	440.0	0.0	0.0	41.3	41.0
345	380.0	440.0	0.0	0.0	41.2	40.8
346	390.0	440.0	0.0	0.0	41.0	40.7
347	400.0	440.0	0.0	0.0	40.8	40.5
348	410.0	440.0	0.0	0.0	40.7	40.3
349	420.0	440.0	0.0	0.0	40.5	40.2
350	430.0	440.0	0.0	0.0	40.4	40.0
351	440.0	440.0	0.0	0.0	40.2	39.8
352	450.0	440.0	0.0	0.0	40.0	39.6
353	460.0	440.0	0.0	0.0	39.8	39.4
354	470.0	440.0	0.0	0.0	39.7	39.2
355	480.0	440.0	0.0	0.0	39.5	39.1
356	490.0	440.0	0.0	0.0	39.3	38.9
357	500.0	440.0	0.0	0.0	39.2	38.7
358	0.0	430.0	0.0	0.0	39.4	38.6
359	10.0	430.0	0.0	0.0	39.6	38.8
360	20.0	430.0	0.0	0.0	39.8	38.9
361	30.0	430.0	0.0	0.0	40.0	39.1
362	40.0	430.0	0.0	0.0	40.2	39.3
363	50.0	430.0	0.0	0.0	40.4	39.5
364	60.0	430.0	0.0	0.0	40.6	39.7
365	70.0	430.0	0.0	0.0	40.7	39.9
366	80.0	430.0	0.0	0.0	40.9	40.1
367	90.0	430.0	0.0	0.0	41.1	40.4
368	100.0	430.0	0.0	0.0	41.3	40.6
369	110.0	430.0	0.0	0.0	41.5	40.8
370	120.0	430.0	0.0	0.0	41.7	41.0
371	130.0	430.0	0.0	0.0	41.8	41.1
372	140.0	430.0	0.0	0.0	42.0	41.3
373	150.0	430.0	0.0	0.0	42.1	41.5

374	160.0	430.0	0.0	0.0	42.3	41.7
375	170.0	430.0	0.0	0.0	42.4	41.9
376	180.0	430.0	0.0	0.0	42.6	42.0
377	190.0	430.0	0.0	0.0	42.7	42.2
378	200.0	430.0	0.0	0.0	42.9	42.3
379	210.0	430.0	0.0	0.0	43.0	42.4
380	220.0	430.0	0.0	0.0	43.1	42.5
381	230.0	430.0	0.0	0.0	43.2	42.6
382	240.0	430.0	0.0	0.0	43.3	42.8
383	250.0	430.0	0.0	0.0	43.4	42.8
384	260.0	430.0	0.0	0.0	43.5	43.0
385	270.0	430.0	0.0	0.0	42.9	42.3
386	280.0	430.0	0.0	0.0	42.9	42.3
387	290.0	430.0	0.0	0.0	42.8	42.3
388	300.0	430.0	0.0	0.0	42.9	42.4
389	310.0	430.0	0.0	0.0	42.5	42.1
390	320.0	430.0	0.0	0.0	42.3	42.0
391	330.0	430.0	0.0	0.0	42.2	41.9
392	340.0	430.0	0.0	0.0	42.0	41.8
393	350.0	430.0	0.0	0.0	41.9	41.6
394	360.0	430.0	0.0	0.0	41.8	41.4
395	370.0	430.0	0.0	0.0	41.6	41.3
396	380.0	430.0	0.0	0.0	41.4	41.1
397	390.0	430.0	0.0	0.0	41.3	40.9
398	400.0	430.0	0.0	0.0	41.1	40.8
399	410.0	430.0	0.0	0.0	41.0	40.6
400	420.0	430.0	0.0	0.0	40.8	40.4
401	430.0	430.0	0.0	0.0	40.6	40.2
402	440.0	430.0	0.0	0.0	40.4	40.0
403	450.0	430.0	0.0	0.0	40.3	39.8
404	460.0	430.0	0.0	0.0	40.1	39.7

405	470.0	430.0	0.0	0.0	39.9	39.5
406	480.0	430.0	0.0	0.0	39.7	39.3
407	490.0	430.0	0.0	0.0	39.5	39.1
408	500.0	430.0	0.0	0.0	39.4	38.9
409	0.0	420.0	0.0	0.0	39.6	38.7
410	10.0	420.0	0.0	0.0	39.7	38.9
411	20.0	420.0	0.0	0.0	39.9	39.1
412	30.0	420.0	0.0	0.0	40.1	39.3
413	40.0	420.0	0.0	0.0	40.3	39.5
414	50.0	420.0	0.0	0.0	40.6	39.7
415	60.0	420.0	0.0	0.0	40.8	39.9
416	70.0	420.0	0.0	0.0	41.0	40.1
417	80.0	420.0	0.0	0.0	41.2	40.4
418	90.0	420.0	0.0	0.0	41.4	40.6
419	100.0	420.0	0.0	0.0	41.6	40.8
420	110.0	420.0	0.0	0.0	41.8	41.0
421	120.0	420.0	0.0	0.0	42.0	41.2
422	130.0	420.0	0.0	0.0	42.1	41.4
423	140.0	420.0	0.0	0.0	42.3	41.6
424	150.0	420.0	0.0	0.0	42.5	41.8
425	160.0	420.0	0.0	0.0	42.6	42.0
426	170.0	420.0	0.0	0.0	42.8	42.2
427	180.0	420.0	0.0	0.0	42.9	42.4
428	190.0	420.0	0.0	0.0	43.1	42.5
429	200.0	420.0	0.0	0.0	43.3	42.7
430	210.0	420.0	0.0	0.0	43.4	42.9
431	220.0	420.0	0.0	0.0	43.7	43.1
432	230.0	420.0	0.0	0.0	43.8	43.3
433	240.0	420.0	0.0	0.0	43.9	43.4
434	250.0	420.0	0.0	0.0	43.9	43.4
435	260.0	420.0	0.0	0.0	44.0	43.5

436	270.0	420.0	0.0	0.0	43.3	42.8
437	280.0	420.0	0.0	0.0	43.3	42.8
438	290.0	420.0	0.0	0.0	43.3	42.7
439	300.0	420.0	0.0	0.0	43.4	42.9
440	310.0	420.0	0.0	0.0	43.1	42.8
441	320.0	420.0	0.0	0.0	42.9	42.7
442	330.0	420.0	0.0	0.0	42.8	42.5
443	340.0	420.0	0.0	0.0	42.5	42.3
444	350.0	420.0	0.0	0.0	42.2	41.9
445	360.0	420.0	0.0	0.0	42.1	41.8
446	370.0	420.0	0.0	0.0	41.9	41.6
447	380.0	420.0	0.0	0.0	41.7	41.4
448	390.0	420.0	0.0	0.0	41.6	41.2
449	400.0	420.0	0.0	0.0	41.4	41.0
450	410.0	420.0	0.0	0.0	41.2	40.9
451	420.0	420.0	0.0	0.0	41.0	40.7
452	430.0	420.0	0.0	0.0	40.9	40.5
453	440.0	420.0	0.0	0.0	40.7	40.3
454	450.0	420.0	0.0	0.0	40.5	40.1
455	460.0	420.0	0.0	0.0	40.3	39.9
456	470.0	420.0	0.0	0.0	40.1	39.7
457	480.0	420.0	0.0	0.0	39.9	39.5
458	490.0	420.0	0.0	0.0	39.7	39.2
459	500.0	420.0	0.0	0.0	39.5	39.0
460	0.0	410.0	0.0	0.0	39.7	38.8
461	10.0	410.0	0.0	0.0	39.9	39.0
462	20.0	410.0	0.0	0.0	40.1	39.2
463	30.0	410.0	0.0	0.0	40.3	39.4
464	40.0	410.0	0.0	0.0	40.5	39.7
465	50.0	410.0	0.0	0.0	40.7	39.9
466	60.0	410.0	0.0	0.0	41.0	40.1

467	70.0	410.0	0.0	0.0	41.2	40.4
468	80.0	410.0	0.0	0.0	41.4	40.6
469	90.0	410.0	0.0	0.0	41.6	40.8
470	100.0	410.0	0.0	0.0	41.8	41.0
471	110.0	410.0	0.0	0.0	42.0	41.3
472	120.0	410.0	0.0	0.0	42.2	41.5
473	130.0	410.0	0.0	0.0	42.4	41.7
474	140.0	410.0	0.0	0.0	42.6	41.9
475	150.0	410.0	0.0	0.0	42.8	42.1
476	160.0	410.0	0.0	0.0	43.0	42.3
477	170.0	410.0	0.0	0.0	43.1	42.5
478	180.0	410.0	0.0	0.0	43.3	42.8
479	190.0	410.0	0.0	0.0	43.5	42.9
480	200.0	410.0	0.0	0.0	43.8	43.3
481	210.0	410.0	0.0	0.0	44.0	43.4
482	220.0	410.0	0.0	0.0	44.1	43.6
483	230.0	410.0	0.0	0.0	44.2	43.7
484	240.0	410.0	0.0	0.0	44.4	43.9
485	250.0	410.0	0.0	0.0	44.4	43.9
486	260.0	410.0	0.0	0.0	44.5	44.0
487	270.0	410.0	0.0	0.0	43.8	43.3
488	280.0	410.0	0.0	0.0	43.8	43.3
489	290.0	410.0	0.0	0.0	43.7	43.2
490	300.0	410.0	0.0	0.0	43.7	43.3
491	310.0	410.0	0.0	0.0	43.5	43.2
492	320.0	410.0	0.0	0.0	43.3	43.1
493	330.0	410.0	0.0	0.0	43.2	42.9
494	340.0	410.0	0.0	0.0	43.0	42.8
495	350.0	410.0	0.0	0.0	42.8	42.6
496	360.0	410.0	0.0	0.0	42.6	42.3
497	370.0	410.0	0.0	0.0	42.4	42.1

498	380.0	410.0	0.0	0.0	42.0	41.7
499	390.0	410.0	0.0	0.0	41.9	41.5
500	400.0	410.0	0.0	0.0	41.7	41.3
501	410.0	410.0	0.0	0.0	41.5	41.1
502	420.0	410.0	0.0	0.0	41.3	40.9
503	430.0	410.0	0.0	0.0	41.1	40.7
504	440.0	410.0	0.0	0.0	40.9	40.5
505	450.0	410.0	0.0	0.0	40.7	40.3
506	460.0	410.0	0.0	0.0	40.5	40.1
507	470.0	410.0	0.0	0.0	40.3	39.9
508	480.0	410.0	0.0	0.0	40.1	39.7
509	490.0	410.0	0.0	0.0	39.9	39.4
510	500.0	410.0	0.0	0.0	39.7	39.2
511	0.0	400.0	0.0	0.0	39.8	39.0
512	10.0	400.0	0.0	0.0	40.0	39.2
513	20.0	400.0	0.0	0.0	40.3	39.4
514	30.0	400.0	0.0	0.0	40.5	39.6
515	40.0	400.0	0.0	0.0	40.7	39.8
516	50.0	400.0	0.0	0.0	40.9	40.1
517	60.0	400.0	0.0	0.0	41.2	40.3
518	70.0	400.0	0.0	0.0	41.4	40.6
519	80.0	400.0	0.0	0.0	41.7	40.8
520	90.0	400.0	0.0	0.0	41.9	41.0
521	100.0	400.0	0.0	0.0	42.1	41.3
522	110.0	400.0	0.0	0.0	42.3	41.5
523	120.0	400.0	0.0	0.0	42.5	41.8
524	130.0	400.0	0.0	0.0	42.7	42.0
525	140.0	400.0	0.0	0.0	42.9	42.2
526	150.0	400.0	0.0	0.0	43.1	42.4
527	160.0	400.0	0.0	0.0	43.3	42.7
528	170.0	400.0	0.0	0.0	43.5	42.9

529	180.0	400.0	0.0	0.0	43.8	43.3
530	190.0	400.0	0.0	0.0	44.0	43.5
531	200.0	400.0	0.0	0.0	44.2	43.7
532	210.0	400.0	0.0	0.0	44.4	43.9
533	220.0	400.0	0.0	0.0	44.6	44.1
534	230.0	400.0	0.0	0.0	44.7	44.3
535	240.0	400.0	0.0	0.0	44.9	44.4
536	250.0	400.0	0.0	0.0	45.0	44.5
537	260.0	400.0	0.0	0.0	45.0	44.5
538	270.0	400.0	0.0	0.0	44.3	43.8
539	280.0	400.0	0.0	0.0	44.3	43.8
540	290.0	400.0	0.0	0.0	44.2	43.7
541	300.0	400.0	0.0	0.0	44.1	43.8
542	310.0	400.0	0.0	0.0	43.9	43.7
543	320.0	400.0	0.0	0.0	43.8	43.5
544	330.0	400.0	0.0	0.0	43.6	43.4
545	340.0	400.0	0.0	0.0	43.4	43.2
546	350.0	400.0	0.0	0.0	43.2	42.9
547	360.0	400.0	0.0	0.0	43.0	42.7
548	370.0	400.0	0.0	0.0	42.8	42.5
549	380.0	400.0	0.0	0.0	42.5	42.2
550	390.0	400.0	0.0	0.0	42.3	42.0
551	400.0	400.0	0.0	0.0	42.0	41.6
552	410.0	400.0	0.0	0.0	41.8	41.4
553	420.0	400.0	0.0	0.0	41.6	41.2
554	430.0	400.0	0.0	0.0	41.4	41.0
555	440.0	400.0	0.0	0.0	41.2	40.7
556	450.0	400.0	0.0	0.0	40.9	40.5
557	460.0	400.0	0.0	0.0	40.7	40.3
558	470.0	400.0	0.0	0.0	40.5	40.1
559	480.0	400.0	0.0	0.0	40.3	39.8

560	490.0	400.0	0.0	0.0	40.1	39.6
561	500.0	400.0	0.0	0.0	39.9	39.4
562	0.0	390.0	0.0	0.0	40.0	39.1
563	10.0	390.0	0.0	0.0	40.2	39.3
564	20.0	390.0	0.0	0.0	40.4	39.5
565	30.0	390.0	0.0	0.0	40.7	39.8
566	40.0	390.0	0.0	0.0	40.9	40.0
567	50.0	390.0	0.0	0.0	41.1	40.3
568	60.0	390.0	0.0	0.0	41.4	40.5
569	70.0	390.0	0.0	0.0	41.6	40.8
570	80.0	390.0	0.0	0.0	41.9	41.0
571	90.0	390.0	0.0	0.0	42.1	41.3
572	100.0	390.0	0.0	0.0	42.3	41.5
573	110.0	390.0	0.0	0.0	42.6	41.8
574	120.0	390.0	0.0	0.0	42.8	42.0
575	130.0	390.0	0.0	0.0	43.0	42.3
576	140.0	390.0	0.0	0.0	43.2	42.5
577	150.0	390.0	0.0	0.0	43.5	42.8
578	160.0	390.0	0.0	0.0	43.8	43.2
579	170.0	390.0	0.0	0.0	44.0	43.4
580	180.0	390.0	0.0	0.0	44.2	43.7
581	190.0	390.0	0.0	0.0	44.5	43.9
582	200.0	390.0	0.0	0.0	44.7	44.2
583	210.0	390.0	0.0	0.0	44.9	44.4
584	220.0	390.0	0.0	0.0	45.1	44.6
585	230.0	390.0	0.0	0.0	45.3	44.8
586	240.0	390.0	0.0	0.0	45.4	44.9
587	250.0	390.0	0.0	0.0	45.5	45.0
588	260.0	390.0	0.0	0.0	45.6	45.1
589	270.0	390.0	0.0	0.0	44.8	44.4
590	280.0	390.0	0.0	0.0	44.8	44.3

591	290.0	390.0	0.0	0.0	44.7	44.3
592	300.0	390.0	0.0	0.0	44.6	44.3
593	310.0	390.0	0.0	0.0	44.4	44.2
594	320.0	390.0	0.0	0.0	44.2	44.0
595	330.0	390.0	0.0	0.0	44.0	43.8
596	340.0	390.0	0.0	0.0	43.8	43.6
597	350.0	390.0	0.0	0.0	43.6	43.4
598	360.0	390.0	0.0	0.0	43.4	43.1
599	370.0	390.0	0.0	0.0	43.2	42.9
600	380.0	390.0	0.0	0.0	42.9	42.6
601	390.0	390.0	0.0	0.0	42.7	42.4
602	400.0	390.0	0.0	0.0	42.4	42.1
603	410.0	390.0	0.0	0.0	42.0	41.7
604	420.0	390.0	0.0	0.0	41.8	41.5
605	430.0	390.0	0.0	0.0	41.6	41.2
606	440.0	390.0	0.0	0.0	41.4	41.0
607	450.0	390.0	0.0	0.0	41.2	40.7
608	460.0	390.0	0.0	0.0	41.0	40.5
609	470.0	390.0	0.0	0.0	40.8	40.3
610	480.0	390.0	0.0	0.0	40.5	40.0
611	490.0	390.0	0.0	0.0	40.3	39.8
612	500.0	390.0	0.0	0.0	40.1	39.6
613	0.0	380.0	0.0	0.0	40.1	39.2
614	10.0	380.0	0.0	0.0	40.3	39.4
615	20.0	380.0	0.0	0.0	40.6	39.7
616	30.0	380.0	0.0	0.0	40.8	39.9
617	40.0	380.0	0.0	0.0	41.1	40.2
618	50.0	380.0	0.0	0.0	41.3	40.4
619	60.0	380.0	0.0	0.0	41.6	40.7
620	70.0	380.0	0.0	0.0	41.8	41.0
621	80.0	380.0	0.0	0.0	42.1	41.2

622	90.0	380.0	0.0	0.0	42.4	41.5
623	100.0	380.0	0.0	0.0	42.6	41.8
624	110.0	380.0	0.0	0.0	42.8	42.0
625	120.0	380.0	0.0	0.0	43.1	42.3
626	130.0	380.0	0.0	0.0	43.4	42.6
627	140.0	380.0	0.0	0.0	43.6	42.9
628	150.0	380.0	0.0	0.0	43.9	43.2
629	160.0	380.0	0.0	0.0	44.2	43.5
630	170.0	380.0	0.0	0.0	44.4	43.8
631	180.0	380.0	0.0	0.0	44.7	44.1
632	190.0	380.0	0.0	0.0	44.9	44.4
633	200.0	380.0	0.0	0.0	45.2	44.7
634	210.0	380.0	0.0	0.0	45.4	44.9
635	220.0	380.0	0.0	0.0	45.6	45.2
636	230.0	380.0	0.0	0.0	45.8	45.4
637	240.0	380.0	0.0	0.0	46.0	45.5
638	250.0	380.0	0.0	0.0	46.1	45.7
639	260.0	380.0	0.0	0.0	46.2	45.7
640	270.0	380.0	0.0	0.0	45.4	44.9
641	280.0	380.0	0.0	0.0	45.3	44.9
642	290.0	380.0	0.0	0.0	45.1	44.8
643	300.0	380.0	0.0	0.0	45.1	44.8
644	310.0	380.0	0.0	0.0	44.9	44.7
645	320.0	380.0	0.0	0.0	44.7	44.5
646	330.0	380.0	0.0	0.0	44.5	44.3
647	340.0	380.0	0.0	0.0	44.3	44.0
648	350.0	380.0	0.0	0.0	44.1	43.8
649	360.0	380.0	0.0	0.0	43.8	43.6
650	370.0	380.0	0.0	0.0	43.6	43.3
651	380.0	380.0	0.0	0.0	43.3	43.0
652	390.0	380.0	0.0	0.0	43.0	42.7

653	400.0	380.0	0.0	0.0	42.8	42.5
654	410.0	380.0	0.0	0.0	42.5	42.1
655	420.0	380.0	0.0	0.0	42.1	41.7
656	430.0	380.0	0.0	0.0	41.9	41.5
657	440.0	380.0	0.0	0.0	41.6	41.2
658	450.0	380.0	0.0	0.0	41.4	41.0
659	460.0	380.0	0.0	0.0	41.2	40.7
660	470.0	380.0	0.0	0.0	41.0	40.5
661	480.0	380.0	0.0	0.0	40.7	40.2
662	490.0	380.0	0.0	0.0	40.5	40.0
663	500.0	380.0	0.0	0.0	40.3	39.7
664	0.0	370.0	0.0	0.0	40.2	39.3
665	10.0	370.0	0.0	0.0	40.5	39.6
666	20.0	370.0	0.0	0.0	40.7	39.8
667	30.0	370.0	0.0	0.0	41.0	40.1
668	40.0	370.0	0.0	0.0	41.2	40.3
669	50.0	370.0	0.0	0.0	41.5	40.6
670	60.0	370.0	0.0	0.0	41.8	40.9
671	70.0	370.0	0.0	0.0	42.0	41.2
672	80.0	370.0	0.0	0.0	42.3	41.4
673	90.0	370.0	0.0	0.0	42.6	41.7
674	100.0	370.0	0.0	0.0	42.9	42.0
675	110.0	370.0	0.0	0.0	43.1	42.3
676	120.0	370.0	0.0	0.0	43.4	42.6
677	130.0	370.0	0.0	0.0	43.7	42.9
678	140.0	370.0	0.0	0.0	44.0	43.3
679	150.0	370.0	0.0	0.0	44.3	43.6
680	160.0	370.0	0.0	0.0	44.5	43.9
681	170.0	370.0	0.0	0.0	44.8	44.2
682	180.0	370.0	0.0	0.0	45.1	44.6
683	190.0	370.0	0.0	0.0	45.4	44.9

684	200.0	370.0	0.0	0.0	45.7	45.2
685	210.0	370.0	0.0	0.0	45.9	45.5
686	220.0	370.0	0.0	0.0	46.2	45.7
687	230.0	370.0	0.0	0.0	46.4	46.0
688	240.0	370.0	0.0	0.0	46.6	46.2
689	250.0	370.0	0.0	0.0	46.7	46.3
690	260.0	370.0	0.0	0.0	46.0	45.5
691	270.0	370.0	0.0	0.0	46.0	45.6
692	280.0	370.0	0.0	0.0	45.9	45.5
693	290.0	370.0	0.0	0.0	45.7	45.4
694	300.0	370.0	0.0	0.0	45.6	45.4
695	310.0	370.0	0.0	0.0	45.4	45.2
696	320.0	370.0	0.0	0.0	45.2	45.0
697	330.0	370.0	0.0	0.0	45.0	44.8
698	340.0	370.0	0.0	0.0	44.8	44.5
699	350.0	370.0	0.0	0.0	44.5	44.3
700	360.0	370.0	0.0	0.0	44.2	44.0
701	370.0	370.0	0.0	0.0	44.0	43.7
702	380.0	370.0	0.0	0.0	43.7	43.4
703	390.0	370.0	0.0	0.0	43.4	43.1
704	400.0	370.0	0.0	0.0	43.1	42.8
705	410.0	370.0	0.0	0.0	42.8	42.5
706	420.0	370.0	0.0	0.0	42.5	42.2
707	430.0	370.0	0.0	0.0	42.1	41.7
708	440.0	370.0	0.0	0.0	41.9	41.4
709	450.0	370.0	0.0	0.0	41.7	41.2
710	460.0	370.0	0.0	0.0	41.4	40.9
711	470.0	370.0	0.0	0.0	41.2	40.7
712	480.0	370.0	0.0	0.0	40.9	40.4
713	490.0	370.0	0.0	0.0	40.7	40.2
714	500.0	370.0	0.0	0.0	40.4	39.9

715	0.0	360.0	0.0	0.0	40.4	39.4
716	10.0	360.0	0.0	0.0	40.6	39.7
717	20.0	360.0	0.0	0.0	40.9	40.0
718	30.0	360.0	0.0	0.0	41.2	40.2
719	40.0	360.0	0.0	0.0	41.4	40.5
720	50.0	360.0	0.0	0.0	41.7	40.8
721	60.0	360.0	0.0	0.0	42.0	41.1
722	70.0	360.0	0.0	0.0	42.2	41.3
723	80.0	360.0	0.0	0.0	42.5	41.6
724	90.0	360.0	0.0	0.0	42.8	41.9
725	100.0	360.0	0.0	0.0	43.1	42.2
726	110.0	360.0	0.0	0.0	43.4	42.5
727	120.0	360.0	0.0	0.0	43.7	42.9
728	130.0	360.0	0.0	0.0	44.1	43.3
729	140.0	360.0	0.0	0.0	44.4	43.6
730	150.0	360.0	0.0	0.0	44.7	43.9
731	160.0	360.0	0.0	0.0	45.0	44.3
732	170.0	360.0	0.0	0.0	45.3	44.7
733	180.0	360.0	0.0	0.0	45.6	45.0
734	190.0	360.0	0.0	0.0	45.9	45.4
735	200.0	360.0	0.0	0.0	46.2	45.7
736	210.0	360.0	0.0	0.0	46.5	46.0
737	220.0	360.0	0.0	0.0	46.8	46.4
738	230.0	360.0	0.0	0.0	47.0	46.6
739	240.0	360.0	0.0	0.0	47.3	46.9
740	250.0	360.0	0.0	0.0	47.4	47.0
741	260.0	360.0	0.0	0.0	46.6	46.2
742	270.0	360.0	0.0	0.0	46.7	46.3
743	280.0	360.0	0.0	0.0	46.6	46.2
744	290.0	360.0	0.0	0.0	46.3	46.1
745	300.0	360.0	0.0	0.0	46.2	46.0

746	310.0	360.0	0.0	0.0	46.0	45.8
747	320.0	360.0	0.0	0.0	45.7	45.5
748	330.0	360.0	0.0	0.0	45.5	45.3
749	340.0	360.0	0.0	0.0	45.2	45.0
750	350.0	360.0	0.0	0.0	45.0	44.7
751	360.0	360.0	0.0	0.0	44.7	44.4
752	370.0	360.0	0.0	0.0	44.4	44.1
753	380.0	360.0	0.0	0.0	44.1	43.8
754	390.0	360.0	0.0	0.0	43.8	43.5
755	400.0	360.0	0.0	0.0	43.5	43.1
756	410.0	360.0	0.0	0.0	43.1	42.8
757	420.0	360.0	0.0	0.0	42.8	42.5
758	430.0	360.0	0.0	0.0	42.6	42.1
759	440.0	360.0	0.0	0.0	42.1	41.7
760	450.0	360.0	0.0	0.0	41.9	41.4
761	460.0	360.0	0.0	0.0	41.6	41.1
762	470.0	360.0	0.0	0.0	41.4	40.9
763	480.0	360.0	0.0	0.0	41.1	40.6
764	490.0	360.0	0.0	0.0	40.9	40.3
765	500.0	360.0	0.0	0.0	40.6	40.1
766	0.0	350.0	0.0	0.0	40.5	39.6
767	10.0	350.0	0.0	0.0	40.8	39.8
768	20.0	350.0	0.0	0.0	41.0	40.1
769	30.0	350.0	0.0	0.0	41.3	40.4
770	40.0	350.0	0.0	0.0	41.6	40.6
771	50.0	350.0	0.0	0.0	41.9	40.9
772	60.0	350.0	0.0	0.0	42.1	41.2
773	70.0	350.0	0.0	0.0	42.4	41.5
774	80.0	350.0	0.0	0.0	42.7	41.8
775	90.0	350.0	0.0	0.0	43.0	42.1
776	100.0	350.0	0.0	0.0	43.4	42.5

777	110.0	350.0	0.0	0.0	43.7	42.8
778	120.0	350.0	0.0	0.0	44.1	43.2
779	130.0	350.0	0.0	0.0	44.4	43.6
780	140.0	350.0	0.0	0.0	44.7	43.9
781	150.0	350.0	0.0	0.0	45.1	44.3
782	160.0	350.0	0.0	0.0	45.4	44.7
783	170.0	350.0	0.0	0.0	45.7	45.1
784	180.0	350.0	0.0	0.0	46.1	45.5
785	190.0	350.0	0.0	0.0	46.4	45.9
786	200.0	350.0	0.0	0.0	46.8	46.3
787	210.0	350.0	0.0	0.0	47.1	46.6
788	220.0	350.0	0.0	0.0	47.4	47.0
789	230.0	350.0	0.0	0.0	47.8	47.4
790	240.0	350.0	0.0	0.0	48.0	47.6
791	250.0	350.0	0.0	0.0	48.2	47.9
792	260.0	350.0	0.0	0.0	47.5	47.1
793	270.0	350.0	0.0	0.0	47.5	47.2
794	280.0	350.0	0.0	0.0	47.3	47.1
795	290.0	350.0	0.0	0.0	47.1	47.0
796	300.0	350.0	0.0	0.0	46.9	46.8
797	310.0	350.0	0.0	0.0	46.7	46.5
798	320.0	350.0	0.0	0.0	46.3	46.1
799	330.0	350.0	0.0	0.0	46.0	45.9
800	340.0	350.0	0.0	0.0	45.8	45.5
801	350.0	350.0	0.0	0.0	45.4	45.2
802	360.0	350.0	0.0	0.0	45.1	44.9
803	370.0	350.0	0.0	0.0	44.8	44.5
804	380.0	350.0	0.0	0.0	44.5	44.2
805	390.0	350.0	0.0	0.0	44.1	43.8
806	400.0	350.0	0.0	0.0	43.8	43.5
807	410.0	350.0	0.0	0.0	43.5	43.1

808	420.0	350.0	0.0	0.0	43.1	42.7
809	430.0	350.0	0.0	0.0	42.8	42.4
810	440.0	350.0	0.0	0.0	42.5	42.1
811	450.0	350.0	0.0	0.0	42.1	41.6
812	460.0	350.0	0.0	0.0	41.8	41.3
813	470.0	350.0	0.0	0.0	41.6	41.0
814	480.0	350.0	0.0	0.0	41.3	40.8
815	490.0	350.0	0.0	0.0	41.0	40.5
816	500.0	350.0	0.0	0.0	40.8	40.2
817	0.0	340.0	0.0	0.0	40.6	39.7
818	10.0	340.0	0.0	0.0	40.9	39.9
819	20.0	340.0	0.0	0.0	41.2	40.2
820	30.0	340.0	0.0	0.0	41.5	40.5
821	40.0	340.0	0.0	0.0	41.7	40.8
822	50.0	340.0	0.0	0.0	42.0	41.1
823	60.0	340.0	0.0	0.0	42.3	41.4
824	70.0	340.0	0.0	0.0	42.6	41.7
825	80.0	340.0	0.0	0.0	43.0	42.0
826	90.0	340.0	0.0	0.0	43.3	42.3
827	100.0	340.0	0.0	0.0	43.6	42.7
828	110.0	340.0	0.0	0.0	43.9	43.0
829	120.0	340.0	0.0	0.0	44.3	43.5
830	130.0	340.0	0.0	0.0	44.7	43.8
831	140.0	340.0	0.0	0.0	45.0	44.2
832	150.0	340.0	0.0	0.0	45.4	44.7
833	160.0	340.0	0.0	0.0	45.8	45.1
834	170.0	340.0	0.0	0.0	46.2	45.5
835	180.0	340.0	0.0	0.0	46.5	45.9
836	190.0	340.0	0.0	0.0	46.9	46.4
837	200.0	340.0	0.0	0.0	47.3	46.8
838	210.0	340.0	0.0	0.0	47.7	47.3

839	220.0	340.0	0.0	0.0	48.1	47.7
840	230.0	340.0	0.0	0.0	48.5	48.1
841	240.0	340.0	0.0	0.0	48.9	48.6
842	250.0	340.0	0.0	0.0	49.2	48.8
843	260.0	340.0	0.0	0.0	48.3	48.0
844	270.0	340.0	0.0	0.0	48.4	48.1
845	280.0	340.0	0.0	0.0	48.1	48.0
846	290.0	340.0	0.0	0.0	47.9	47.8
847	300.0	340.0	0.0	0.0	47.7	47.6
848	310.0	340.0	0.0	0.0	47.4	47.3
849	320.0	340.0	0.0	0.0	47.1	46.9
850	330.0	340.0	0.0	0.0	46.7	46.6
851	340.0	340.0	0.0	0.0	46.3	46.1
852	350.0	340.0	0.0	0.0	45.9	45.7
853	360.0	340.0	0.0	0.0	45.6	45.3
854	370.0	340.0	0.0	0.0	45.2	44.9
855	380.0	340.0	0.0	0.0	44.8	44.5
856	390.0	340.0	0.0	0.0	44.5	44.2
857	400.0	340.0	0.0	0.0	44.1	43.8
858	410.0	340.0	0.0	0.0	43.8	43.4
859	420.0	340.0	0.0	0.0	43.4	43.0
860	430.0	340.0	0.0	0.0	43.1	42.7
861	440.0	340.0	0.0	0.0	42.7	42.3
862	450.0	340.0	0.0	0.0	42.4	42.0
863	460.0	340.0	0.0	0.0	42.0	41.5
864	470.0	340.0	0.0	0.0	41.7	41.2
865	480.0	340.0	0.0	0.0	41.5	40.9
866	490.0	340.0	0.0	0.0	41.2	40.6
867	500.0	340.0	0.0	0.0	40.9	40.4
868	0.0	330.0	0.0	0.0	40.8	39.8
869	10.0	330.0	0.0	0.0	41.0	40.1

870	20.0	330.0	0.0	0.0	41.3	40.3
871	30.0	330.0	0.0	0.0	41.6	40.6
872	40.0	330.0	0.0	0.0	41.9	40.9
873	50.0	330.0	0.0	0.0	42.2	41.2
874	60.0	330.0	0.0	0.0	42.5	41.5
875	70.0	330.0	0.0	0.0	42.8	41.9
876	80.0	330.0	0.0	0.0	43.2	42.2
877	90.0	330.0	0.0	0.0	43.5	42.5
878	100.0	330.0	0.0	0.0	43.8	42.9
879	110.0	330.0	0.0	0.0	44.2	43.3
880	120.0	330.0	0.0	0.0	44.6	43.7
881	130.0	330.0	0.0	0.0	45.0	44.1
882	140.0	330.0	0.0	0.0	45.4	44.6
883	150.0	330.0	0.0	0.0	45.8	45.0
884	160.0	330.0	0.0	0.0	46.2	45.5
885	170.0	330.0	0.0	0.0	46.6	45.9
886	180.0	330.0	0.0	0.0	47.0	46.4
887	190.0	330.0	0.0	0.0	47.5	46.9
888	200.0	330.0	0.0	0.0	47.9	47.4
889	210.0	330.0	0.0	0.0	48.4	48.0
890	220.0	330.0	0.0	0.0	48.9	48.5
891	230.0	330.0	0.0	0.0	49.4	49.0
892	240.0	330.0	0.0	0.0	49.8	49.5
893	250.0	330.0	0.0	0.0	50.2	49.9
894	260.0	330.0	0.0	0.0	49.3	49.0
895	270.0	330.0	0.0	0.0	49.3	49.1
896	280.0	330.0	0.0	0.0	49.1	49.0
897	290.0	330.0	0.0	0.0	48.9	48.8
898	300.0	330.0	0.0	0.0	48.5	48.4
899	310.0	330.0	0.0	0.0	48.2	48.1
900	320.0	330.0	0.0	0.0	47.8	47.7

901	330.0	330.0	0.0	0.0	47.4	47.2
902	340.0	330.0	0.0	0.0	47.0	46.8
903	350.0	330.0	0.0	0.0	46.5	46.3
904	360.0	330.0	0.0	0.0	46.0	45.8
905	370.0	330.0	0.0	0.0	45.6	45.4
906	380.0	330.0	0.0	0.0	45.2	44.9
907	390.0	330.0	0.0	0.0	44.8	44.5
908	400.0	330.0	0.0	0.0	44.4	44.1
909	410.0	330.0	0.0	0.0	44.1	43.7
910	420.0	330.0	0.0	0.0	43.7	43.3
911	430.0	330.0	0.0	0.0	43.3	42.9
912	440.0	330.0	0.0	0.0	43.0	42.5
913	450.0	330.0	0.0	0.0	42.6	42.2
914	460.0	330.0	0.0	0.0	42.2	41.7
915	470.0	330.0	0.0	0.0	41.9	41.4
916	480.0	330.0	0.0	0.0	41.6	41.1
917	490.0	330.0	0.0	0.0	41.4	40.8
918	500.0	330.0	0.0	0.0	41.1	40.5
919	0.0	320.0	0.0	0.0	40.9	39.9
920	10.0	320.0	0.0	0.0	41.2	40.2
921	20.0	320.0	0.0	0.0	41.4	40.4
922	30.0	320.0	0.0	0.0	41.7	40.7
923	40.0	320.0	0.0	0.0	42.0	41.0
924	50.0	320.0	0.0	0.0	42.4	41.4
925	60.0	320.0	0.0	0.0	42.7	41.7
926	70.0	320.0	0.0	0.0	43.0	42.0
927	80.0	320.0	0.0	0.0	43.3	42.4
928	90.0	320.0	0.0	0.0	43.7	42.7
929	100.0	320.0	0.0	0.0	44.1	43.1
930	110.0	320.0	0.0	0.0	44.5	43.6
931	120.0	320.0	0.0	0.0	44.9	44.0

932	130.0	320.0	0.0	0.0	45.3	44.4
933	140.0	320.0	0.0	0.0	45.7	44.9
934	150.0	320.0	0.0	0.0	46.2	45.4
935	160.0	320.0	0.0	0.0	46.6	45.9
936	170.0	320.0	0.0	0.0	47.1	46.4
937	180.0	320.0	0.0	0.0	47.5	46.9
938	190.0	320.0	0.0	0.0	48.0	47.4
939	200.0	320.0	0.0	0.0	48.5	48.0
940	210.0	320.0	0.0	0.0	49.1	48.7
941	220.0	320.0	0.0	0.0	49.7	49.3
942	230.0	320.0	0.0	0.0	50.3	49.9
943	240.0	320.0	0.0	0.0	50.8	50.6
944	250.0	320.0	0.0	0.0	51.3	51.1
945	260.0	320.0	0.0	0.0	50.4	50.1
946	270.0	320.0	0.0	0.0	50.3	50.2
947	280.0	320.0	0.0	0.0	50.2	50.1
948	290.0	320.0	0.0	0.0	50.0	49.9
949	300.0	320.0	0.0	0.0	49.5	49.4
950	310.0	320.0	0.0	0.0	49.1	49.0
951	320.0	320.0	0.0	0.0	48.6	48.5
952	330.0	320.0	0.0	0.0	48.1	47.9
953	340.0	320.0	0.0	0.0	47.6	47.4
954	350.0	320.0	0.0	0.0	47.1	46.8
955	360.0	320.0	0.0	0.0	46.6	46.3
956	370.0	320.0	0.0	0.0	46.0	45.8
957	380.0	320.0	0.0	0.0	45.6	45.3
958	390.0	320.0	0.0	0.0	45.2	44.8
959	400.0	320.0	0.0	0.0	44.8	44.4
960	410.0	320.0	0.0	0.0	44.4	44.0
961	420.0	320.0	0.0	0.0	44.0	43.5
962	430.0	320.0	0.0	0.0	43.6	43.1

963	440.0	320.0	0.0	0.0	43.2	42.7
964	450.0	320.0	0.0	0.0	42.9	42.4
965	460.0	320.0	0.0	0.0	42.5	42.0
966	470.0	320.0	0.0	0.0	42.1	41.5
967	480.0	320.0	0.0	0.0	41.8	41.2
968	490.0	320.0	0.0	0.0	41.5	40.9
969	500.0	320.0	0.0	0.0	41.2	40.6
970	0.0	310.0	0.0	0.0	41.0	40.0
971	10.0	310.0	0.0	0.0	41.3	40.2
972	20.0	310.0	0.0	0.0	41.6	40.5
973	30.0	310.0	0.0	0.0	41.9	40.9
974	40.0	310.0	0.0	0.0	42.2	41.2
975	50.0	310.0	0.0	0.0	42.5	41.5
976	60.0	310.0	0.0	0.0	42.8	41.8
977	70.0	310.0	0.0	0.0	43.2	42.2
978	80.0	310.0	0.0	0.0	43.5	42.5
979	90.0	310.0	0.0	0.0	43.9	42.9
980	100.0	310.0	0.0	0.0	44.3	43.4
981	110.0	310.0	0.0	0.0	44.7	43.8
982	120.0	310.0	0.0	0.0	45.1	44.2
983	130.0	310.0	0.0	0.0	45.6	44.7
984	140.0	310.0	0.0	0.0	46.1	45.2
985	150.0	310.0	0.0	0.0	46.5	45.7
986	160.0	310.0	0.0	0.0	47.0	46.2
987	170.0	310.0	0.0	0.0	47.5	46.8
988	180.0	310.0	0.0	0.0	48.0	47.4
989	190.0	310.0	0.0	0.0	48.6	48.0
990	200.0	310.0	0.0	0.0	49.1	48.6
991	210.0	310.0	0.0	0.0	49.8	49.4
992	220.0	310.0	0.0	0.0	50.5	50.1
993	230.0	310.0	0.0	0.0	51.2	50.9

994	240.0	310.0	0.0	0.0	52.0	51.8
995	250.0	310.0	0.0	0.0	52.7	52.5
996	260.0	310.0	0.0	0.0	51.7	51.5
997	270.0	310.0	0.0	0.0	51.7	51.7
998	280.0	310.0	0.0	0.0	51.7	51.6
999	290.0	310.0	0.0	0.0	51.2	51.1
1000	300.0	310.0	0.0	0.0	50.7	50.6
1001	310.0	310.0	0.0	0.0	50.1	50.0
1002	320.0	310.0	0.0	0.0	49.4	49.3
1003	330.0	310.0	0.0	0.0	48.8	48.7
1004	340.0	310.0	0.0	0.0	48.2	48.0
1005	350.0	310.0	0.0	0.0	47.6	47.4
1006	360.0	310.0	0.0	0.0	47.0	46.8
1007	370.0	310.0	0.0	0.0	46.4	46.2
1008	380.0	310.0	0.0	0.0	45.9	45.7
1009	390.0	310.0	0.0	0.0	45.5	45.2
1010	400.0	310.0	0.0	0.0	45.1	44.7
1011	410.0	310.0	0.0	0.0	44.6	44.2
1012	420.0	310.0	0.0	0.0	44.2	43.8
1013	430.0	310.0	0.0	0.0	43.8	43.4
1014	440.0	310.0	0.0	0.0	43.4	42.9
1015	450.0	310.0	0.0	0.0	43.1	42.6
1016	460.0	310.0	0.0	0.0	42.7	42.2
1017	470.0	310.0	0.0	0.0	42.3	41.7
1018	480.0	310.0	0.0	0.0	42.0	41.4
1019	490.0	310.0	0.0	0.0	41.7	41.1
1020	500.0	310.0	0.0	0.0	41.4	40.8
1021	0.0	300.0	0.0	0.0	40.5	39.3
1022	10.0	300.0	0.0	0.0	40.8	39.6
1023	20.0	300.0	0.0	0.0	41.1	39.9
1024	30.0	300.0	0.0	0.0	41.4	40.2

1025	40.0	300.0	0.0	0.0	42.3	41.3
1026	50.0	300.0	0.0	0.0	42.6	41.6
1027	60.0	300.0	0.0	0.0	43.0	42.0
1028	70.0	300.0	0.0	0.0	43.4	42.3
1029	80.0	300.0	0.0	0.0	43.7	42.7
1030	90.0	300.0	0.0	0.0	44.1	43.1
1031	100.0	300.0	0.0	0.0	44.6	43.5
1032	110.0	300.0	0.0	0.0	45.0	44.0
1033	120.0	300.0	0.0	0.0	45.4	44.4
1034	130.0	300.0	0.0	0.0	45.9	44.9
1035	140.0	300.0	0.0	0.0	46.4	45.4
1036	150.0	300.0	0.0	0.0	46.9	46.0
1037	160.0	300.0	0.0	0.0	47.4	46.6
1038	170.0	300.0	0.0	0.0	48.0	47.2
1039	180.0	300.0	0.0	0.0	48.5	47.8
1040	190.0	300.0	0.0	0.0	49.1	48.5
1041	200.0	300.0	0.0	0.0	49.8	49.2
1042	210.0	300.0	0.0	0.0	50.5	50.1
1043	220.0	300.0	0.0	0.0	51.3	50.9
1044	230.0	300.0	0.0	0.0	52.3	52.0
1045	240.0	300.0	0.0	0.0	53.4	53.1
1046	250.0	300.0	0.0	0.0	54.5	54.3
1047	260.0	300.0	0.0	0.0	53.4	53.3
1048	270.0	300.0	0.0	0.0	53.6	53.6
1049	280.0	300.0	0.0	0.0	53.6	53.5
1050	290.0	300.0	0.0	0.0	52.8	52.7
1051	300.0	300.0	0.0	0.0	52.1	52.0
1052	310.0	300.0	0.0	0.0	51.2	51.1
1053	320.0	300.0	0.0	0.0	50.4	50.2
1054	330.0	300.0	0.0	0.0	49.5	49.4
1055	340.0	300.0	0.0	0.0	48.8	48.6

1056	350.0	300.0	0.0	0.0	48.1	47.9
1057	360.0	300.0	0.0	0.0	47.5	47.2
1058	370.0	300.0	0.0	0.0	46.9	46.6
1059	380.0	300.0	0.0	0.0	46.3	46.0
1060	390.0	300.0	0.0	0.0	45.8	45.5
1061	400.0	300.0	0.0	0.0	45.3	45.0
1062	410.0	300.0	0.0	0.0	44.9	44.5
1063	420.0	300.0	0.0	0.0	44.4	44.0
1064	430.0	300.0	0.0	0.0	44.0	43.6
1065	440.0	300.0	0.0	0.0	43.6	43.1
1066	450.0	300.0	0.0	0.0	43.3	42.7
1067	460.0	300.0	0.0	0.0	42.9	42.3
1068	470.0	300.0	0.0	0.0	42.5	42.0
1069	480.0	300.0	0.0	0.0	42.1	41.5
1070	490.0	300.0	0.0	0.0	41.8	41.2
1071	500.0	300.0	0.0	0.0	41.5	40.9
1072	0.0	290.0	0.0	0.0	40.6	39.3
1073	10.0	290.0	0.0	0.0	40.9	39.6
1074	20.0	290.0	0.0	0.0	41.2	40.0
1075	30.0	290.0	0.0	0.0	41.5	40.3
1076	40.0	290.0	0.0	0.0	41.9	40.6
1077	50.0	290.0	0.0	0.0	42.2	41.0
1078	60.0	290.0	0.0	0.0	42.6	41.4
1079	70.0	290.0	0.0	0.0	43.0	41.8
1080	80.0	290.0	0.0	0.0	43.4	42.2
1081	90.0	290.0	0.0	0.0	43.8	42.6
1082	100.0	290.0	0.0	0.0	44.3	43.1
1083	110.0	290.0	0.0	0.0	44.7	43.5
1084	120.0	290.0	0.0	0.0	45.2	44.0
1085	130.0	290.0	0.0	0.0	45.7	44.6
1086	140.0	290.0	0.0	0.0	46.2	45.1

1087	150.0	290.0	0.0	0.0	46.8	45.7
1088	160.0	290.0	0.0	0.0	47.8	46.9
1089	170.0	290.0	0.0	0.0	48.4	47.5
1090	180.0	290.0	0.0	0.0	49.0	48.2
1091	190.0	290.0	0.0	0.0	49.7	49.0
1092	200.0	290.0	0.0	0.0	50.4	49.8
1093	210.0	290.0	0.0	0.0	51.2	50.7
1094	220.0	290.0	0.0	0.0	52.1	51.7
1095	230.0	290.0	0.0	0.0	53.3	53.0
1096	240.0	290.0	0.0	0.0	54.8	54.6
1097	250.0	290.0	0.0	0.0	57.0	56.8
1098	260.0	290.0	0.0	0.0	55.8	55.8
1099	270.0	290.0	0.0	0.0	56.3	56.3
1100	280.0	290.0	0.0	0.0	56.3	56.2
1101	290.0	290.0	0.0	0.0	55.1	55.0
1102	300.0	290.0	0.0	0.0	53.8	53.7
1103	310.0	290.0	0.0	0.0	52.4	52.4
1104	320.0	290.0	0.0	0.0	51.3	51.2
1105	330.0	290.0	0.0	0.0	50.3	50.1
1106	340.0	290.0	0.0	0.0	49.4	49.2
1107	350.0	290.0	0.0	0.0	48.6	48.4
1108	360.0	290.0	0.0	0.0	47.9	47.6
1109	370.0	290.0	0.0	0.0	47.2	47.0
1110	380.0	290.0	0.0	0.0	46.6	46.3
1111	390.0	290.0	0.0	0.0	46.1	45.7
1112	400.0	290.0	0.0	0.0	45.6	45.2
1113	410.0	290.0	0.0	0.0	45.1	44.7
1114	420.0	290.0	0.0	0.0	44.7	44.2
1115	430.0	290.0	0.0	0.0	44.2	43.7
1116	440.0	290.0	0.0	0.0	43.8	43.3
1117	450.0	290.0	0.0	0.0	43.4	42.9

1118	460.0	290.0	0.0	0.0	43.1	42.5
1119	470.0	290.0	0.0	0.0	42.7	42.1
1120	480.0	290.0	0.0	0.0	42.3	41.6
1121	490.0	290.0	0.0	0.0	42.0	41.3
1122	500.0	290.0	0.0	0.0	41.8	41.0
1123	0.0	280.0	0.0	0.0	40.6	39.4
1124	10.0	280.0	0.0	0.0	41.0	39.7
1125	20.0	280.0	0.0	0.0	41.3	40.0
1126	30.0	280.0	0.0	0.0	41.6	40.4
1127	40.0	280.0	0.0	0.0	42.0	40.7
1128	50.0	280.0	0.0	0.0	42.4	41.1
1129	60.0	280.0	0.0	0.0	42.8	41.5
1130	70.0	280.0	0.0	0.0	43.1	41.9
1131	80.0	280.0	0.0	0.0	43.6	42.3
1132	90.0	280.0	0.0	0.0	44.0	42.8
1133	100.0	280.0	0.0	0.0	44.5	43.2
1134	110.0	280.0	0.0	0.0	44.9	43.7
1135	120.0	280.0	0.0	0.0	45.4	44.2
1136	130.0	280.0	0.0	0.0	46.0	44.8
1137	140.0	280.0	0.0	0.0	46.5	45.4
1138	150.0	280.0	0.0	0.0	47.1	46.0
1139	160.0	280.0	0.0	0.0	47.8	46.7
1140	170.0	280.0	0.0	0.0	48.4	47.4
1141	180.0	280.0	0.0	0.0	49.1	48.2
1142	190.0	280.0	0.0	0.0	49.9	49.1
1143	200.0	280.0	0.0	0.0	50.7	50.0
1144	210.0	280.0	0.0	0.0	51.6	51.1
1145	220.0	280.0	0.0	0.0	52.7	52.3
1146	230.0	280.0	0.0	0.0	54.1	53.8
1147	240.0	280.0	0.0	0.0	56.2	56.0
1152	290.0	280.0	0.0	0.0	59.0	58.9

1153	300.0	280.0	0.0	0.0	55.6	55.6
1154	310.0	280.0	0.0	0.0	53.6	53.6
1155	320.0	280.0	0.0	0.0	52.1	52.0
1156	330.0	280.0	0.0	0.0	50.9	50.8
1157	340.0	280.0	0.0	0.0	49.9	49.8
1158	350.0	280.0	0.0	0.0	49.0	48.8
1159	360.0	280.0	0.0	0.0	48.3	48.0
1160	370.0	280.0	0.0	0.0	47.6	47.3
1161	380.0	280.0	0.0	0.0	47.0	46.6
1162	390.0	280.0	0.0	0.0	46.4	46.0
1163	400.0	280.0	0.0	0.0	45.8	45.4
1164	410.0	280.0	0.0	0.0	45.3	44.9
1165	420.0	280.0	0.0	0.0	44.9	44.4
1166	430.0	280.0	0.0	0.0	44.4	43.9
1167	440.0	280.0	0.0	0.0	44.0	43.5
1168	450.0	280.0	0.0	0.0	43.6	43.0
1169	460.0	280.0	0.0	0.0	43.2	42.6
1170	470.0	280.0	0.0	0.0	42.9	42.2
1171	480.0	280.0	0.0	0.0	42.5	41.8
1172	490.0	280.0	0.0	0.0	42.2	41.4
1173	500.0	280.0	0.0	0.0	41.9	41.1
1174	0.0	270.0	0.0	0.0	40.7	39.4
1175	10.0	270.0	0.0	0.0	41.0	39.8
1176	20.0	270.0	0.0	0.0	41.4	40.1
1177	30.0	270.0	0.0	0.0	41.7	40.4
1178	40.0	270.0	0.0	0.0	42.1	40.8
1179	50.0	270.0	0.0	0.0	42.5	41.2
1180	60.0	270.0	0.0	0.0	42.9	41.6
1181	70.0	270.0	0.0	0.0	43.3	42.0
1182	80.0	270.0	0.0	0.0	43.7	42.4
1183	90.0	270.0	0.0	0.0	44.2	42.9

1184	100.0	270.0	0.0	0.0	44.6	43.4
1185	110.0	270.0	0.0	0.0	45.1	43.9
1186	120.0	270.0	0.0	0.0	45.7	44.4
1187	130.0	270.0	0.0	0.0	46.2	45.0
1188	140.0	270.0	0.0	0.0	46.8	45.6
1189	150.0	270.0	0.0	0.0	47.4	46.3
1190	160.0	270.0	0.0	0.0	48.1	47.0
1191	170.0	270.0	0.0	0.0	48.9	47.8
1192	180.0	270.0	0.0	0.0	49.6	48.6
1193	190.0	270.0	0.0	0.0	50.5	49.6
1194	200.0	270.0	0.0	0.0	51.3	50.6
1195	210.0	270.0	0.0	0.0	52.4	51.8
1196	220.0	270.0	0.0	0.0	53.5	53.0
1197	230.0	270.0	0.0	0.0	54.8	54.5
1198	240.0	270.0	0.0	0.0	56.9	56.7
1203	290.0	270.0	0.0	0.0	57.9	57.9
1204	300.0	270.0	0.0	0.0	54.4	54.3
1205	310.0	270.0	0.0	0.0	52.4	52.3
1206	320.0	270.0	0.0	0.0	50.9	50.8
1207	330.0	270.0	0.0	0.0	49.7	49.5
1208	340.0	270.0	0.0	0.0	48.8	48.5
1209	350.0	270.0	0.0	0.0	47.9	47.6
1210	360.0	270.0	0.0	0.0	47.2	46.8
1211	370.0	270.0	0.0	0.0	46.5	46.1
1212	380.0	270.0	0.0	0.0	45.9	45.4
1213	390.0	270.0	0.0	0.0	46.6	46.2
1214	400.0	270.0	0.0	0.0	46.0	45.6
1215	410.0	270.0	0.0	0.0	45.5	45.1
1216	420.0	270.0	0.0	0.0	45.1	44.5
1217	430.0	270.0	0.0	0.0	44.6	44.1
1218	440.0	270.0	0.0	0.0	44.2	43.6

1219	450.0	270.0	0.0	0.0	43.8	43.1
1220	460.0	270.0	0.0	0.0	43.4	42.7
1221	470.0	270.0	0.0	0.0	43.1	42.3
1222	480.0	270.0	0.0	0.0	42.7	41.9
1223	490.0	270.0	0.0	0.0	42.3	41.5
1224	500.0	270.0	0.0	0.0	42.0	41.2
1225	0.0	260.0	0.0	0.0	40.7	39.5
1226	10.0	260.0	0.0	0.0	41.1	39.8
1227	20.0	260.0	0.0	0.0	41.4	40.1
1228	30.0	260.0	0.0	0.0	41.8	40.5
1229	40.0	260.0	0.0	0.0	42.2	40.8
1230	50.0	260.0	0.0	0.0	42.6	41.2
1231	60.0	260.0	0.0	0.0	43.0	41.6
1232	70.0	260.0	0.0	0.0	43.4	42.0
1233	80.0	260.0	0.0	0.0	43.8	42.5
1234	90.0	260.0	0.0	0.0	44.3	43.0
1235	100.0	260.0	0.0	0.0	44.8	43.5
1236	110.0	260.0	0.0	0.0	45.3	44.0
1237	120.0	260.0	0.0	0.0	45.8	44.5
1238	130.0	260.0	0.0	0.0	46.4	45.1
1239	140.0	260.0	0.0	0.0	47.1	45.8
1240	150.0	260.0	0.0	0.0	47.7	46.5
1241	160.0	260.0	0.0	0.0	48.5	47.2
1242	170.0	260.0	0.0	0.0	49.3	48.1
1243	180.0	260.0	0.0	0.0	50.1	49.0
1244	190.0	260.0	0.0	0.0	51.0	50.0
1245	200.0	260.0	0.0	0.0	52.1	51.2
1246	210.0	260.0	0.0	0.0	53.2	52.6
1247	220.0	260.0	0.0	0.0	54.4	53.9
1248	230.0	260.0	0.0	0.0	55.5	55.1
1249	240.0	260.0	0.0	0.0	57.3	57.1

1254	290.0	260.0	0.0	0.0	58.1	58.1
1255	300.0	260.0	0.0	0.0	54.9	54.8
1256	310.0	260.0	0.0	0.0	52.9	52.8
1257	320.0	260.0	0.0	0.0	51.3	51.2
1258	330.0	260.0	0.0	0.0	50.1	49.9
1259	340.0	260.0	0.0	0.0	49.1	48.8
1260	350.0	260.0	0.0	0.0	48.2	47.9
1261	360.0	260.0	0.0	0.0	47.5	47.1
1262	370.0	260.0	0.0	0.0	46.7	46.3
1263	380.0	260.0	0.0	0.0	46.1	45.6
1264	390.0	260.0	0.0	0.0	45.5	44.9
1265	400.0	260.0	0.0	0.0	45.0	44.4
1266	410.0	260.0	0.0	0.0	44.5	43.8
1267	420.0	260.0	0.0	0.0	44.1	43.3
1268	430.0	260.0	0.0	0.0	43.6	42.8
1269	440.0	260.0	0.0	0.0	43.3	42.4
1270	450.0	260.0	0.0	0.0	42.9	41.9
1271	460.0	260.0	0.0	0.0	42.5	41.5
1272	470.0	260.0	0.0	0.0	42.2	41.1
1273	480.0	260.0	0.0	0.0	41.8	40.8
1274	490.0	260.0	0.0	0.0	41.4	40.4
1275	500.0	260.0	0.0	0.0	41.1	40.0
1276	0.0	250.0	0.0	0.0	40.8	39.5
1277	10.0	250.0	0.0	0.0	41.1	39.8
1278	20.0	250.0	0.0	0.0	41.5	40.2
1279	30.0	250.0	0.0	0.0	41.8	40.5
1280	40.0	250.0	0.0	0.0	42.2	40.9
1281	50.0	250.0	0.0	0.0	42.6	41.3
1282	60.0	250.0	0.0	0.0	43.1	41.7
1283	70.0	250.0	0.0	0.0	43.5	42.1
1284	80.0	250.0	0.0	0.0	43.9	42.6

1285	90.0	250.0	0.0	0.0	44.4	43.0
1286	100.0	250.0	0.0	0.0	44.9	43.5
1287	110.0	250.0	0.0	0.0	45.5	44.1
1288	120.0	250.0	0.0	0.0	46.0	44.6
1289	130.0	250.0	0.0	0.0	46.6	45.2
1290	140.0	250.0	0.0	0.0	47.3	45.9
1291	150.0	250.0	0.0	0.0	48.0	46.6
1292	160.0	250.0	0.0	0.0	48.8	47.4
1293	170.0	250.0	0.0	0.0	49.6	48.3
1294	180.0	250.0	0.0	0.0	50.5	49.3
1295	190.0	250.0	0.0	0.0	51.6	50.5
1296	200.0	250.0	0.0	0.0	52.8	51.9
1297	210.0	250.0	0.0	0.0	54.5	53.8
1298	220.0	250.0	0.0	0.0	61.3	61.2
1299	230.0	250.0	0.0	0.0	56.5	56.0
1300	240.0	250.0	0.0	0.0	57.7	57.4
1305	290.0	250.0	0.0	0.0	58.0	58.0
1306	300.0	250.0	0.0	0.0	55.1	55.0
1307	310.0	250.0	0.0	0.0	53.1	53.0
1308	320.0	250.0	0.0	0.0	51.6	51.5
1309	330.0	250.0	0.0	0.0	50.4	50.2
1310	340.0	250.0	0.0	0.0	49.4	49.1
1311	350.0	250.0	0.0	0.0	48.5	48.1
1312	360.0	250.0	0.0	0.0	47.7	47.2
1313	370.0	250.0	0.0	0.0	47.0	46.5
1314	380.0	250.0	0.0	0.0	46.3	45.7
1315	390.0	250.0	0.0	0.0	45.7	45.1
1316	400.0	250.0	0.0	0.0	45.2	44.5
1317	410.0	250.0	0.0	0.0	44.7	43.9
1318	420.0	250.0	0.0	0.0	44.3	43.4
1319	430.0	250.0	0.0	0.0	43.9	42.9

1320	440.0	250.0	0.0	0.0	43.4	42.5
1321	450.0	250.0	0.0	0.0	43.0	42.0
1322	460.0	250.0	0.0	0.0	42.6	41.6
1323	470.0	250.0	0.0	0.0	42.3	41.2
1324	480.0	250.0	0.0	0.0	41.9	40.8
1325	490.0	250.0	0.0	0.0	41.6	40.4
1326	500.0	250.0	0.0	0.0	41.3	40.1
1327	0.0	240.0	0.0	0.0	40.8	39.5
1328	10.0	240.0	0.0	0.0	41.1	39.8
1329	20.0	240.0	0.0	0.0	41.5	40.2
1330	30.0	240.0	0.0	0.0	41.9	40.5
1331	40.0	240.0	0.0	0.0	42.2	40.9
1332	50.0	240.0	0.0	0.0	42.7	41.3
1333	60.0	240.0	0.0	0.0	43.1	41.7
1334	70.0	240.0	0.0	0.0	43.5	42.1
1335	80.0	240.0	0.0	0.0	44.0	42.6
1336	90.0	240.0	0.0	0.0	44.5	43.1
1337	100.0	240.0	0.0	0.0	45.0	43.6
1338	110.0	240.0	0.0	0.0	45.6	44.1
1339	120.0	240.0	0.0	0.0	46.2	44.7
1340	130.0	240.0	0.0	0.0	46.8	45.3
1341	140.0	240.0	0.0	0.0	47.5	46.0
1342	150.0	240.0	0.0	0.0	48.2	46.7
1343	160.0	240.0	0.0	0.0	49.0	47.6
1344	170.0	240.0	0.0	0.0	49.9	48.5
1345	180.0	240.0	0.0	0.0	51.0	49.5
1346	190.0	240.0	0.0	0.0	52.1	50.8
1347	200.0	240.0	0.0	0.0	53.6	52.4
1348	210.0	240.0	0.0	0.0	55.8	54.9
1349	220.0	240.0	0.0	0.0	67.5	67.5
1350	230.0	240.0	0.0	0.0	57.3	56.7

1351	240.0	240.0	0.0	0.0	58.2	57.8
1356	290.0	240.0	0.0	0.0	57.8	57.8
1357	300.0	240.0	0.0	0.0	55.1	55.1
1358	310.0	240.0	0.0	0.0	53.3	53.2
1359	320.0	240.0	0.0	0.0	51.8	51.6
1360	330.0	240.0	0.0	0.0	50.6	50.4
1361	340.0	240.0	0.0	0.0	49.6	49.2
1362	350.0	240.0	0.0	0.0	48.7	48.3
1363	360.0	240.0	0.0	0.0	47.9	47.4
1364	370.0	240.0	0.0	0.0	47.1	46.6
1365	380.0	240.0	0.0	0.0	46.5	45.9
1366	390.0	240.0	0.0	0.0	45.9	45.2
1367	400.0	240.0	0.0	0.0	45.4	44.6
1368	410.0	240.0	0.0	0.0	44.9	44.0
1369	420.0	240.0	0.0	0.0	44.4	43.5
1370	430.0	240.0	0.0	0.0	44.0	43.0
1371	440.0	240.0	0.0	0.0	43.6	42.5
1372	450.0	240.0	0.0	0.0	43.2	42.1
1373	460.0	240.0	0.0	0.0	42.8	41.6
1374	470.0	240.0	0.0	0.0	42.4	41.3
1375	480.0	240.0	0.0	0.0	42.1	40.9
1376	490.0	240.0	0.0	0.0	41.8	40.5
1377	500.0	240.0	0.0	0.0	41.4	40.2
1378	0.0	230.0	0.0	0.0	40.8	39.5
1379	10.0	230.0	0.0	0.0	41.1	39.8
1380	20.0	230.0	0.0	0.0	41.5	40.2
1381	30.0	230.0	0.0	0.0	41.9	40.5
1382	40.0	230.0	0.0	0.0	42.3	40.9
1383	50.0	230.0	0.0	0.0	42.7	41.3
1384	60.0	230.0	0.0	0.0	43.1	41.7
1385	70.0	230.0	0.0	0.0	43.6	42.1

1386	80.0	230.0	0.0	0.0	44.1	42.6
1387	90.0	230.0	0.0	0.0	44.6	43.1
1388	100.0	230.0	0.0	0.0	45.1	43.6
1389	110.0	230.0	0.0	0.0	45.7	44.1
1390	120.0	230.0	0.0	0.0	46.3	44.7
1391	130.0	230.0	0.0	0.0	46.9	45.3
1392	140.0	230.0	0.0	0.0	47.6	46.0
1393	150.0	230.0	0.0	0.0	48.4	46.8
1394	160.0	230.0	0.0	0.0	49.3	47.6
1395	170.0	230.0	0.0	0.0	50.2	48.6
1396	180.0	230.0	0.0	0.0	51.3	49.6
1397	190.0	230.0	0.0	0.0	52.6	51.0
1398	200.0	230.0	0.0	0.0	54.3	52.7
1399	210.0	230.0	0.0	0.0	56.9	55.7
1400	220.0	230.0	0.0	0.0	62.5	62.1
1401	230.0	230.0	0.0	0.0	58.2	57.1
1402	240.0	230.0	0.0	0.0	58.8	58.2
1407	290.0	230.0	0.0	0.0	57.7	57.6
1408	300.0	230.0	0.0	0.0	55.1	55.0
1409	310.0	230.0	0.0	0.0	53.3	53.2
1410	320.0	230.0	0.0	0.0	51.9	51.7
1411	330.0	230.0	0.0	0.0	50.7	50.4
1412	340.0	230.0	0.0	0.0	49.7	49.3
1413	350.0	230.0	0.0	0.0	48.8	48.3
1414	360.0	230.0	0.0	0.0	48.0	47.5
1415	370.0	230.0	0.0	0.0	47.3	46.7
1416	380.0	230.0	0.0	0.0	46.7	45.9
1417	390.0	230.0	0.0	0.0	46.1	45.3
1418	400.0	230.0	0.0	0.0	45.5	44.6
1419	410.0	230.0	0.0	0.0	45.0	44.1
1420	420.0	230.0	0.0	0.0	44.6	43.6

1421	430.0	230.0	0.0	0.0	44.1	43.1
1422	440.0	230.0	0.0	0.0	43.7	42.6
1423	450.0	230.0	0.0	0.0	43.4	42.1
1424	460.0	230.0	0.0	0.0	43.0	41.7
1425	470.0	230.0	0.0	0.0	42.6	41.3
1426	480.0	230.0	0.0	0.0	42.2	40.9
1427	490.0	230.0	0.0	0.0	41.9	40.5
1428	500.0	230.0	0.0	0.0	41.5	40.2
1429	0.0	220.0	0.0	0.0	40.8	39.5
1430	10.0	220.0	0.0	0.0	41.1	39.8
1431	20.0	220.0	0.0	0.0	41.5	40.2
1432	30.0	220.0	0.0	0.0	41.9	40.5
1433	40.0	220.0	0.0	0.0	42.3	40.9
1434	50.0	220.0	0.0	0.0	42.7	41.3
1435	60.0	220.0	0.0	0.0	43.1	41.7
1436	70.0	220.0	0.0	0.0	43.6	42.1
1437	80.0	220.0	0.0	0.0	44.1	42.6
1438	90.0	220.0	0.0	0.0	44.6	43.1
1439	100.0	220.0	0.0	0.0	45.1	43.6
1440	110.0	220.0	0.0	0.0	45.7	44.1
1441	120.0	220.0	0.0	0.0	46.3	44.7
1442	130.0	220.0	0.0	0.0	47.0	45.3
1443	140.0	220.0	0.0	0.0	47.7	46.0
1444	150.0	220.0	0.0	0.0	48.5	46.8
1445	160.0	220.0	0.0	0.0	49.4	47.6
1446	170.0	220.0	0.0	0.0	50.4	48.5
1447	180.0	220.0	0.0	0.0	51.6	49.6
1448	190.0	220.0	0.0	0.0	53.0	51.0
1449	200.0	220.0	0.0	0.0	54.9	52.8
1450	210.0	220.0	0.0	0.0	58.3	56.1
1452	230.0	220.0	0.0	0.0	61.6	59.4

1453	240.0	220.0	0.0	0.0	60.4	59.2
1458	290.0	220.0	0.0	0.0	57.4	57.4
1459	300.0	220.0	0.0	0.0	55.1	54.9
1460	310.0	220.0	0.0	0.0	53.3	53.1
1461	320.0	220.0	0.0	0.0	51.9	51.7
1462	330.0	220.0	0.0	0.0	50.8	50.4
1463	340.0	220.0	0.0	0.0	49.8	49.3
1464	350.0	220.0	0.0	0.0	48.9	48.4
1465	360.0	220.0	0.0	0.0	48.2	47.5
1466	370.0	220.0	0.0	0.0	47.5	46.7
1467	380.0	220.0	0.0	0.0	46.8	46.0
1468	390.0	220.0	0.0	0.0	46.2	45.3
1469	400.0	220.0	0.0	0.0	45.7	44.7
1470	410.0	220.0	0.0	0.0	45.2	44.1
1471	420.0	220.0	0.0	0.0	44.8	43.6
1472	430.0	220.0	0.0	0.0	44.3	43.1
1473	440.0	220.0	0.0	0.0	43.9	42.6
1474	450.0	220.0	0.0	0.0	43.5	42.2
1475	460.0	220.0	0.0	0.0	43.1	41.7
1476	470.0	220.0	0.0	0.0	42.7	41.4
1477	480.0	220.0	0.0	0.0	42.3	41.0
1478	490.0	220.0	0.0	0.0	42.0	40.6
1479	500.0	220.0	0.0	0.0	41.6	40.2
1480	0.0	210.0	0.0	0.0	40.7	39.5
1481	10.0	210.0	0.0	0.0	41.1	39.8
1482	20.0	210.0	0.0	0.0	41.4	40.1
1483	30.0	210.0	0.0	0.0	41.8	40.5
1484	40.0	210.0	0.0	0.0	42.2	40.8
1485	50.0	210.0	0.0	0.0	42.7	41.3
1486	60.0	210.0	0.0	0.0	43.1	41.7
1487	70.0	210.0	0.0	0.0	43.6	42.1

1488	80.0	210.0	0.0	0.0	44.1	42.6
1489	90.0	210.0	0.0	0.0	44.6	43.0
1490	100.0	210.0	0.0	0.0	45.1	43.5
1491	110.0	210.0	0.0	0.0	45.7	44.1
1492	120.0	210.0	0.0	0.0	46.4	44.6
1493	130.0	210.0	0.0	0.0	47.0	45.3
1494	140.0	210.0	0.0	0.0	47.8	45.9
1495	150.0	210.0	0.0	0.0	48.6	46.7
1496	160.0	210.0	0.0	0.0	49.5	47.5
1497	170.0	210.0	0.0	0.0	50.6	48.4
1498	180.0	210.0	0.0	0.0	51.8	49.5
1499	190.0	210.0	0.0	0.0	53.3	50.7
1500	200.0	210.0	0.0	0.0	55.3	52.4
1501	210.0	210.0	0.0	0.0	58.9	54.8
1502	220.0	210.0	0.0	0.0	62.9	58.5
1503	230.0	210.0	0.0	0.0	61.3	58.8
1504	240.0	210.0	0.0	0.0	60.7	59.3
1509	290.0	210.0	0.0	0.0	57.3	57.2
1510	300.0	210.0	0.0	0.0	54.9	54.8
1511	310.0	210.0	0.0	0.0	53.3	53.0
1512	320.0	210.0	0.0	0.0	51.9	51.6
1513	330.0	210.0	0.0	0.0	50.8	50.3
1514	340.0	210.0	0.0	0.0	49.8	49.3
1515	350.0	210.0	0.0	0.0	49.0	48.3
1516	360.0	210.0	0.0	0.0	48.2	47.5
1517	370.0	210.0	0.0	0.0	47.5	46.7
1518	380.0	210.0	0.0	0.0	46.9	45.9
1519	390.0	210.0	0.0	0.0	46.4	45.3
1520	400.0	210.0	0.0	0.0	45.8	44.7
1521	410.0	210.0	0.0	0.0	45.3	44.1
1522	420.0	210.0	0.0	0.0	44.9	43.6

1523	430.0	210.0	0.0	0.0	44.4	43.1
1524	440.0	210.0	0.0	0.0	44.0	42.6
1525	450.0	210.0	0.0	0.0	43.6	42.2
1526	460.0	210.0	0.0	0.0	43.2	41.7
1527	470.0	210.0	0.0	0.0	42.8	41.4
1528	480.0	210.0	0.0	0.0	42.4	41.0
1529	490.0	210.0	0.0	0.0	42.1	40.6
1530	500.0	210.0	0.0	0.0	41.7	40.2
1531	0.0	200.0	0.0	0.0	41.7	40.6
1532	10.0	200.0	0.0	0.0	41.1	39.7
1533	20.0	200.0	0.0	0.0	41.4	40.1
1534	30.0	200.0	0.0	0.0	41.8	40.4
1535	40.0	200.0	0.0	0.0	42.2	40.8
1536	50.0	200.0	0.0	0.0	42.6	41.2
1537	60.0	200.0	0.0	0.0	43.1	41.6
1538	70.0	200.0	0.0	0.0	43.5	42.0
1539	80.0	200.0	0.0	0.0	44.0	42.5
1540	90.0	200.0	0.0	0.0	44.6	43.0
1541	100.0	200.0	0.0	0.0	45.1	43.5
1542	110.0	200.0	0.0	0.0	45.7	44.0
1543	120.0	200.0	0.0	0.0	46.3	44.6
1544	130.0	200.0	0.0	0.0	47.0	45.2
1545	140.0	200.0	0.0	0.0	47.8	45.8
1546	150.0	200.0	0.0	0.0	48.6	46.5
1547	160.0	200.0	0.0	0.0	49.5	47.3
1548	170.0	200.0	0.0	0.0	50.6	48.2
1549	180.0	200.0	0.0	0.0	51.9	49.2
1550	190.0	200.0	0.0	0.0	53.4	50.4
1551	200.0	200.0	0.0	0.0	55.4	51.7
1552	210.0	200.0	0.0	0.0	59.1	53.4
1553	220.0	200.0	0.0	0.0	60.9	55.6

1554	230.0	200.0	0.0	0.0	58.5	56.2
1555	240.0	200.0	0.0	0.0	59.3	58.4
1560	290.0	200.0	0.0	0.0	57.1	57.0
1561	300.0	200.0	0.0	0.0	54.8	54.6
1562	310.0	200.0	0.0	0.0	53.2	52.9
1563	320.0	200.0	0.0	0.0	51.9	51.4
1564	330.0	200.0	0.0	0.0	50.8	50.2
1565	340.0	200.0	0.0	0.0	49.9	49.2
1566	350.0	200.0	0.0	0.0	49.0	48.2
1567	360.0	200.0	0.0	0.0	48.3	47.4
1568	370.0	200.0	0.0	0.0	47.7	46.6
1569	380.0	200.0	0.0	0.0	47.0	45.9
1570	390.0	200.0	0.0	0.0	46.5	45.2
1571	400.0	200.0	0.0	0.0	45.9	44.6
1572	410.0	200.0	0.0	0.0	45.4	44.1
1573	420.0	200.0	0.0	0.0	45.0	43.6
1574	430.0	200.0	0.0	0.0	44.5	43.1
1575	440.0	200.0	0.0	0.0	44.1	42.6
1576	450.0	200.0	0.0	0.0	43.7	42.1
1577	460.0	200.0	0.0	0.0	43.3	41.7
1578	470.0	200.0	0.0	0.0	42.9	41.4
1579	480.0	200.0	0.0	0.0	42.5	41.0
1580	490.0	200.0	0.0	0.0	42.2	40.6
1581	500.0	200.0	0.0	0.0	41.9	40.2
1582	0.0	190.0	0.0	0.0	41.7	40.5
1583	10.0	190.0	0.0	0.0	42.1	40.9
1584	20.0	190.0	0.0	0.0	42.3	41.2
1585	30.0	190.0	0.0	0.0	42.7	41.5
1586	40.0	190.0	0.0	0.0	43.0	41.8
1587	50.0	190.0	0.0	0.0	43.4	42.3
1588	60.0	190.0	0.0	0.0	43.9	42.7

1589	70.0	190.0	0.0	0.0	44.3	43.1
1590	80.0	190.0	0.0	0.0	44.8	43.6
1591	90.0	190.0	0.0	0.0	45.3	44.0
1592	100.0	190.0	0.0	0.0	45.9	44.5
1593	110.0	190.0	0.0	0.0	46.5	45.1
1594	120.0	190.0	0.0	0.0	47.1	45.6
1595	130.0	190.0	0.0	0.0	47.0	45.0
1596	140.0	190.0	0.0	0.0	47.7	45.7
1597	150.0	190.0	0.0	0.0	48.6	46.4
1598	160.0	190.0	0.0	0.0	49.5	47.1
1599	170.0	190.0	0.0	0.0	50.6	47.9
1600	180.0	190.0	0.0	0.0	51.8	48.9
1601	190.0	190.0	0.0	0.0	53.4	49.9
1602	200.0	190.0	0.0	0.0	55.5	51.2
1603	210.0	190.0	0.0	0.0	59.6	52.7
1604	220.0	190.0	0.0	0.0	60.0	54.5
1605	230.0	190.0	0.0	0.0	57.8	55.3
1606	240.0	190.0	0.0	0.0	59.1	58.1
1611	290.0	190.0	0.0	0.0	56.9	56.7
1612	300.0	190.0	0.0	0.0	54.6	54.3
1613	310.0	190.0	0.0	0.0	53.1	52.6
1614	320.0	190.0	0.0	0.0	51.8	51.2
1615	330.0	190.0	0.0	0.0	50.8	50.0
1616	340.0	190.0	0.0	0.0	49.9	49.0
1617	350.0	190.0	0.0	0.0	49.1	48.1
1618	360.0	190.0	0.0	0.0	48.3	47.2
1619	370.0	190.0	0.0	0.0	47.7	46.5
1620	380.0	190.0	0.0	0.0	47.1	45.8
1621	390.0	190.0	0.0	0.0	46.5	45.2
1622	400.0	190.0	0.0	0.0	46.1	44.6
1623	410.0	190.0	0.0	0.0	45.6	44.0

1624	420.0	190.0	0.0	0.0	45.1	43.5
1625	430.0	190.0	0.0	0.0	44.7	43.0
1626	440.0	190.0	0.0	0.0	44.3	42.6
1627	450.0	190.0	0.0	0.0	43.8	42.1
1628	460.0	190.0	0.0	0.0	43.4	41.7
1629	470.0	190.0	0.0	0.0	43.1	41.3
1630	480.0	190.0	0.0	0.0	42.7	41.0
1631	490.0	190.0	0.0	0.0	42.3	40.6
1632	500.0	190.0	0.0	0.0	41.9	40.2
1633	0.0	180.0	0.0	0.0	41.7	40.5
1634	10.0	180.0	0.0	0.0	42.1	40.8
1635	20.0	180.0	0.0	0.0	42.4	41.1
1636	30.0	180.0	0.0	0.0	42.7	41.5
1637	40.0	180.0	0.0	0.0	43.1	41.8
1638	50.0	180.0	0.0	0.0	43.4	42.1
1639	60.0	180.0	0.0	0.0	43.9	42.6
1640	70.0	180.0	0.0	0.0	44.3	43.0
1641	80.0	180.0	0.0	0.0	44.7	43.5
1642	90.0	180.0	0.0	0.0	45.2	43.9
1643	100.0	180.0	0.0	0.0	45.8	44.4
1644	110.0	180.0	0.0	0.0	46.3	44.9
1645	120.0	180.0	0.0	0.0	47.0	45.5
1646	130.0	180.0	0.0	0.0	47.6	46.0
1647	140.0	180.0	0.0	0.0	48.4	46.6
1648	150.0	180.0	0.0	0.0	49.2	47.3
1649	160.0	180.0	0.0	0.0	50.1	48.1
1650	170.0	180.0	0.0	0.0	51.1	48.9
1651	180.0	180.0	0.0	0.0	52.4	49.8
1652	190.0	180.0	0.0	0.0	53.9	50.8
1653	200.0	180.0	0.0	0.0	56.1	52.0
1654	210.0	180.0	0.0	0.0	60.6	53.6

1655	220.0	180.0	0.0	0.0	59.8	55.1
1656	230.0	180.0	0.0	0.0	58.7	56.4
1657	240.0	180.0	0.0	0.0	60.7	59.9
1662	290.0	180.0	0.0	0.0	56.7	56.3
1663	300.0	180.0	0.0	0.0	54.5	53.9
1664	310.0	180.0	0.0	0.0	52.9	52.2
1665	320.0	180.0	0.0	0.0	51.7	50.8
1666	330.0	180.0	0.0	0.0	50.7	49.7
1667	340.0	180.0	0.0	0.0	49.8	48.7
1668	350.0	180.0	0.0	0.0	49.1	47.8
1669	360.0	180.0	0.0	0.0	48.4	47.0
1670	370.0	180.0	0.0	0.0	47.7	46.3
1671	380.0	180.0	0.0	0.0	47.2	45.7
1672	390.0	180.0	0.0	0.0	46.6	45.1
1673	400.0	180.0	0.0	0.0	46.1	44.5
1674	410.0	180.0	0.0	0.0	45.7	43.9
1675	420.0	180.0	0.0	0.0	45.2	43.5
1676	430.0	180.0	0.0	0.0	44.8	43.0
1677	440.0	180.0	0.0	0.0	44.4	42.5
1678	450.0	180.0	0.0	0.0	44.0	42.1
1679	460.0	180.0	0.0	0.0	43.6	41.7
1680	470.0	180.0	0.0	0.0	43.2	41.3
1681	480.0	180.0	0.0	0.0	42.8	40.9
1682	490.0	180.0	0.0	0.0	42.4	40.5
1683	500.0	180.0	0.0	0.0	42.0	40.2
1684	0.0	170.0	0.0	0.0	41.4	40.4
1685	10.0	170.0	0.0	0.0	41.7	40.7
1686	20.0	170.0	0.0	0.0	42.1	41.0
1687	30.0	170.0	0.0	0.0	42.4	41.4
1688	40.0	170.0	0.0	0.0	42.9	41.7
1689	50.0	170.0	0.0	0.0	43.2	42.0

1690	60.0	170.0	0.0	0.0	43.8	42.5
1691	70.0	170.0	0.0	0.0	44.2	42.9
1692	80.0	170.0	0.0	0.0	44.8	43.4
1693	90.0	170.0	0.0	0.0	45.2	43.8
1694	100.0	170.0	0.0	0.0	45.6	44.2
1695	110.0	170.0	0.0	0.0	46.2	44.7
1696	120.0	170.0	0.0	0.0	46.8	45.3
1697	130.0	170.0	0.0	0.0	47.4	45.8
1698	140.0	170.0	0.0	0.0	48.1	46.4
1699	150.0	170.0	0.0	0.0	48.9	47.0
1700	160.0	170.0	0.0	0.0	49.8	47.7
1701	170.0	170.0	0.0	0.0	50.9	48.5
1702	180.0	170.0	0.0	0.0	52.1	49.3
1703	190.0	170.0	0.0	0.0	53.7	50.3
1704	200.0	170.0	0.0	0.0	56.1	51.5
1705	210.0	170.0	0.0	0.0	61.7	53.3
1706	220.0	170.0	0.0	0.0	59.9	54.7
1707	230.0	170.0	0.0	0.0	58.9	55.4
1708	240.0	170.0	0.0	0.0	58.9	56.4
1709	250.0	170.0	0.0	0.0	59.0	57.3
1710	260.0	170.0	0.0	0.0	58.3	57.2
1711	270.0	170.0	0.0	0.0	57.6	56.7
1712	280.0	170.0	0.0	0.0	58.1	57.6
1713	290.0	170.0	0.0	0.0	55.7	55.0
1714	300.0	170.0	0.0	0.0	54.0	53.1
1715	310.0	170.0	0.0	0.0	52.7	51.7
1716	320.0	170.0	0.0	0.0	51.7	50.6
1717	330.0	170.0	0.0	0.0	50.8	49.6
1718	340.0	170.0	0.0	0.0	50.0	48.8
1719	350.0	170.0	0.0	0.0	49.3	48.0
1720	360.0	170.0	0.0	0.0	48.4	46.8

1721	370.0	170.0	0.0	0.0	47.8	46.1
1722	380.0	170.0	0.0	0.0	47.2	45.5
1723	390.0	170.0	0.0	0.0	46.7	44.9
1724	400.0	170.0	0.0	0.0	46.2	44.4
1725	410.0	170.0	0.0	0.0	45.8	43.8
1726	420.0	170.0	0.0	0.0	45.4	43.4
1727	430.0	170.0	0.0	0.0	44.9	42.9
1728	440.0	170.0	0.0	0.0	44.5	42.5
1729	450.0	170.0	0.0	0.0	44.1	42.0
1730	460.0	170.0	0.0	0.0	43.7	41.6
1731	470.0	170.0	0.0	0.0	43.3	41.3
1732	480.0	170.0	0.0	0.0	42.9	40.9
1733	490.0	170.0	0.0	0.0	42.5	40.5
1734	500.0	170.0	0.0	0.0	42.1	40.2
1735	0.0	160.0	0.0	0.0	41.4	40.3
1736	10.0	160.0	0.0	0.0	41.6	40.6
1737	20.0	160.0	0.0	0.0	41.9	40.9
1738	30.0	160.0	0.0	0.0	42.3	41.2
1739	40.0	160.0	0.0	0.0	42.6	41.6
1740	50.0	160.0	0.0	0.0	43.0	41.9
1741	60.0	160.0	0.0	0.0	43.5	42.4
1742	70.0	160.0	0.0	0.0	44.0	42.8
1743	80.0	160.0	0.0	0.0	44.5	43.2
1744	90.0	160.0	0.0	0.0	44.9	43.6
1745	100.0	160.0	0.0	0.0	45.4	44.1
1746	110.0	160.0	0.0	0.0	45.9	44.5
1747	120.0	160.0	0.0	0.0	46.3	44.9
1748	130.0	160.0	0.0	0.0	45.1	44.2
1749	140.0	160.0	0.0	0.0	46.0	45.0
1750	150.0	160.0	0.0	0.0	47.1	45.9
1751	160.0	160.0	0.0	0.0	48.3	46.9

1752	170.0	160.0	0.0	0.0	49.5	47.7
1753	180.0	160.0	0.0	0.0	50.7	48.6
1754	190.0	160.0	0.0	0.0	52.9	49.7
1755	200.0	160.0	0.0	0.0	55.5	50.8
1756	210.0	160.0	0.0	0.0	62.6	53.2
1757	220.0	160.0	0.0	0.0	68.4	62.2
1758	230.0	160.0	0.0	0.0	66.2	62.7
1759	240.0	160.0	0.0	0.0	63.3	58.7
1760	250.0	160.0	0.0	0.0	61.1	57.1
1761	260.0	160.0	0.0	0.0	57.7	55.0
1762	270.0	160.0	0.0	0.0	56.1	54.2
1763	280.0	160.0	0.0	0.0	56.2	55.0
1764	290.0	160.0	0.0	0.0	54.8	53.6
1765	300.0	160.0	0.0	0.0	53.5	52.2
1766	310.0	160.0	0.0	0.0	52.4	51.1
1767	320.0	160.0	0.0	0.0	51.5	50.1
1768	330.0	160.0	0.0	0.0	50.6	49.2
1769	340.0	160.0	0.0	0.0	49.9	48.4
1770	350.0	160.0	0.0	0.0	49.3	47.7
1771	360.0	160.0	0.0	0.0	48.7	47.1
1772	370.0	160.0	0.0	0.0	48.2	46.5
1773	380.0	160.0	0.0	0.0	47.7	45.9
1774	390.0	160.0	0.0	0.0	47.2	45.4
1775	400.0	160.0	0.0	0.0	46.8	44.9
1776	410.0	160.0	0.0	0.0	46.3	44.4
1777	420.0	160.0	0.0	0.0	45.9	43.9
1778	430.0	160.0	0.0	0.0	45.5	43.5
1779	440.0	160.0	0.0	0.0	45.1	43.0
1780	450.0	160.0	0.0	0.0	44.7	42.6
1781	460.0	160.0	0.0	0.0	44.3	42.3
1782	470.0	160.0	0.0	0.0	43.9	41.9

1783	480.0	160.0	0.0	0.0	43.0	40.8
1784	490.0	160.0	0.0	0.0	42.6	40.5
1785	500.0	160.0	0.0	0.0	42.2	40.1
1786	0.0	150.0	0.0	0.0	41.4	40.2
1787	10.0	150.0	0.0	0.0	41.7	40.5
1788	20.0	150.0	0.0	0.0	42.0	40.8
1789	30.0	150.0	0.0	0.0	42.3	41.1
1790	40.0	150.0	0.0	0.0	42.7	41.5
1791	50.0	150.0	0.0	0.0	43.0	41.8
1792	60.0	150.0	0.0	0.0	43.3	42.1
1793	70.0	150.0	0.0	0.0	43.8	42.6
1794	80.0	150.0	0.0	0.0	44.2	43.0
1795	90.0	150.0	0.0	0.0	44.6	43.4
1796	100.0	150.0	0.0	0.0	45.1	43.7
1797	110.0	150.0	0.0	0.0	45.7	44.2
1798	120.0	150.0	0.0	0.0	46.2	44.6
1799	130.0	150.0	0.0	0.0	46.8	45.1
1800	140.0	150.0	0.0	0.0	47.5	45.7
1801	150.0	150.0	0.0	0.0	48.2	46.2
1802	160.0	150.0	0.0	0.0	49.0	46.8
1803	170.0	150.0	0.0	0.0	49.9	47.5
1804	180.0	150.0	0.0	0.0	50.9	48.2
1805	190.0	150.0	0.0	0.0	52.2	49.0
1806	200.0	150.0	0.0	0.0	53.9	49.9
1807	210.0	150.0	0.0	0.0	56.2	51.0
1808	220.0	150.0	0.0	0.0	58.0	52.4
1809	230.0	150.0	0.0	0.0	59.0	53.3
1810	240.0	150.0	0.0	0.0	58.0	53.0
1811	250.0	150.0	0.0	0.0	61.4	54.6
1812	260.0	150.0	0.0	0.0	59.5	55.4
1813	270.0	150.0	0.0	0.0	56.1	52.9

1814	280.0	150.0	0.0	0.0	55.3	53.3
1815	290.0	150.0	0.0	0.0	54.1	52.3
1816	300.0	150.0	0.0	0.0	53.1	51.3
1817	310.0	150.0	0.0	0.0	52.1	50.4
1818	320.0	150.0	0.0	0.0	51.3	49.6
1819	330.0	150.0	0.0	0.0	50.6	48.8
1820	340.0	150.0	0.0	0.0	49.9	48.0
1821	350.0	150.0	0.0	0.0	49.3	47.4
1822	360.0	150.0	0.0	0.0	48.8	46.8
1823	370.0	150.0	0.0	0.0	48.3	46.2
1824	380.0	150.0	0.0	0.0	47.8	45.7
1825	390.0	150.0	0.0	0.0	47.4	45.2
1826	400.0	150.0	0.0	0.0	47.0	44.7
1827	410.0	150.0	0.0	0.0	46.5	44.3
1828	420.0	150.0	0.0	0.0	46.1	43.9
1829	430.0	150.0	0.0	0.0	45.7	43.4
1830	440.0	150.0	0.0	0.0	45.3	43.0
1831	450.0	150.0	0.0	0.0	44.9	42.6
1832	460.0	150.0	0.0	0.0	44.4	42.2
1833	470.0	150.0	0.0	0.0	44.0	41.9
1834	480.0	150.0	0.0	0.0	43.6	41.5
1835	490.0	150.0	0.0	0.0	43.2	41.2
1836	500.0	150.0	0.0	0.0	42.8	40.8
1837	0.0	140.0	0.0	0.0	41.2	40.1
1838	10.0	140.0	0.0	0.0	41.5	40.4
1839	20.0	140.0	0.0	0.0	41.8	40.7
1840	30.0	140.0	0.0	0.0	42.1	41.0
1841	40.0	140.0	0.0	0.0	42.5	41.3
1842	50.0	140.0	0.0	0.0	42.9	41.7
1843	60.0	140.0	0.0	0.0	43.3	42.0
1844	70.0	140.0	0.0	0.0	43.7	42.4

1845	80.0	140.0	0.0	0.0	44.1	42.7
1846	90.0	140.0	0.0	0.0	44.4	43.1
1847	100.0	140.0	0.0	0.0	44.6	43.4
1848	110.0	140.0	0.0	0.0	44.7	43.7
1849	120.0	140.0	0.0	0.0	36.4	35.7
1851	140.0	140.0	0.0	0.0	47.3	45.4
1852	150.0	140.0	0.0	0.0	47.9	45.9
1853	160.0	140.0	0.0	0.0	48.6	46.4
1854	170.0	140.0	0.0	0.0	49.5	47.0
1855	180.0	140.0	0.0	0.0	50.4	47.7
1856	190.0	140.0	0.0	0.0	51.4	48.3
1857	200.0	140.0	0.0	0.0	52.6	49.0
1858	210.0	140.0	0.0	0.0	53.8	49.8
1859	220.0	140.0	0.0	0.0	54.8	50.5
1860	230.0	140.0	0.0	0.0	55.5	51.1
1861	240.0	140.0	0.0	0.0	56.1	51.6
1862	250.0	140.0	0.0	0.0	54.9	50.9
1864	270.0	140.0	0.0	0.0	57.4	52.9
1865	280.0	140.0	0.0	0.0	55.3	52.2
1866	290.0	140.0	0.0	0.0	53.9	51.3
1867	300.0	140.0	0.0	0.0	52.8	50.5
1868	310.0	140.0	0.0	0.0	52.0	49.7
1869	320.0	140.0	0.0	0.0	51.2	49.0
1870	330.0	140.0	0.0	0.0	50.5	48.3
1871	340.0	140.0	0.0	0.0	50.0	47.7
1872	350.0	140.0	0.0	0.0	49.4	47.1
1873	360.0	140.0	0.0	0.0	49.0	46.6
1874	370.0	140.0	0.0	0.0	48.5	46.0
1875	380.0	140.0	0.0	0.0	48.0	45.6
1876	390.0	140.0	0.0	0.0	47.6	45.1
1877	400.0	140.0	0.0	0.0	47.2	44.6

1878	410.0	140.0	0.0	0.0	46.8	44.2
1879	420.0	140.0	0.0	0.0	46.4	43.8
1880	430.0	140.0	0.0	0.0	46.0	43.4
1881	440.0	140.0	0.0	0.0	45.6	42.9
1882	450.0	140.0	0.0	0.0	45.1	42.6
1883	460.0	140.0	0.0	0.0	44.7	42.2
1884	470.0	140.0	0.0	0.0	44.2	41.8
1885	480.0	140.0	0.0	0.0	43.7	41.5
1886	490.0	140.0	0.0	0.0	43.3	41.1
1887	500.0	140.0	0.0	0.0	42.8	40.8
1888	0.0	130.0	0.0	0.0	41.0	40.0
1889	10.0	130.0	0.0	0.0	41.3	40.3
1890	20.0	130.0	0.0	0.0	41.6	40.6
1891	30.0	130.0	0.0	0.0	41.9	40.9
1892	40.0	130.0	0.0	0.0	42.1	41.2
1893	50.0	130.0	0.0	0.0	42.4	41.4
1894	60.0	130.0	0.0	0.0	42.7	41.7
1895	70.0	130.0	0.0	0.0	43.0	42.0
1896	80.0	130.0	0.0	0.0	43.3	42.4
1897	90.0	130.0	0.0	0.0	43.5	42.5
1898	100.0	130.0	0.0	0.0	42.6	41.4
1899	110.0	130.0	0.0	0.0	39.9	37.4
1900	120.0	130.0	0.0	0.0	40.5	35.0
1901	130.0	130.0	0.0	0.0	45.1	42.7
1902	140.0	130.0	0.0	0.0	47.0	45.0
1903	150.0	130.0	0.0	0.0	47.6	45.5
1904	160.0	130.0	0.0	0.0	48.3	46.0
1905	170.0	130.0	0.0	0.0	49.0	46.5
1906	180.0	130.0	0.0	0.0	49.8	47.1
1907	190.0	130.0	0.0	0.0	50.6	47.7
1908	200.0	130.0	0.0	0.0	51.4	48.2

1909	210.0	130.0	0.0	0.0	52.3	48.8
1910	220.0	130.0	0.0	0.0	53.0	49.4
1911	230.0	130.0	0.0	0.0	53.6	49.8
1912	240.0	130.0	0.0	0.0	54.2	50.2
1913	250.0	130.0	0.0	0.0	55.0	50.5
1914	260.0	130.0	0.0	0.0	56.4	50.4
1916	280.0	130.0	0.0	0.0	56.1	51.8
1917	290.0	130.0	0.0	0.0	54.1	50.6
1918	300.0	130.0	0.0	0.0	52.9	49.8
1919	310.0	130.0	0.0	0.0	52.0	49.1
1920	320.0	130.0	0.0	0.0	51.3	48.5
1921	330.0	130.0	0.0	0.0	50.7	47.9
1922	340.0	130.0	0.0	0.0	50.2	47.4
1923	350.0	130.0	0.0	0.0	49.7	46.9
1924	360.0	130.0	0.0	0.0	49.2	46.4
1925	370.0	130.0	0.0	0.0	48.8	45.9
1926	380.0	130.0	0.0	0.0	48.4	45.4
1927	390.0	130.0	0.0	0.0	48.1	45.0
1928	400.0	130.0	0.0	0.0	47.7	44.6
1929	410.0	130.0	0.0	0.0	47.3	44.2
1930	420.0	130.0	0.0	0.0	46.9	43.8
1931	430.0	130.0	0.0	0.0	46.5	43.3
1932	440.0	130.0	0.0	0.0	46.0	43.0
1933	450.0	130.0	0.0	0.0	45.5	42.6
1934	460.0	130.0	0.0	0.0	45.0	42.2
1935	470.0	130.0	0.0	0.0	44.4	41.8
1936	480.0	130.0	0.0	0.0	43.9	41.4
1937	490.0	130.0	0.0	0.0	43.4	41.1
1938	500.0	130.0	0.0	0.0	42.9	40.7
1939	0.0	120.0	0.0	0.0	40.7	39.9
1940	10.0	120.0	0.0	0.0	41.0	40.1

1941	20.0	120.0	0.0	0.0	41.3	40.4
1942	30.0	120.0	0.0	0.0	41.5	40.7
1943	40.0	120.0	0.0	0.0	41.8	40.9
1944	50.0	120.0	0.0	0.0	42.0	41.2
1945	60.0	120.0	0.0	0.0	42.3	41.5
1946	70.0	120.0	0.0	0.0	42.8	41.8
1947	80.0	120.0	0.0	0.0	42.4	41.4
1948	90.0	120.0	0.0	0.0	41.3	39.9
1949	100.0	120.0	0.0	0.0	39.9	37.4
1950	110.0	120.0	0.0	0.0	41.2	38.6
1951	120.0	120.0	0.0	0.0	44.4	42.4
1952	130.0	120.0	0.0	0.0	45.5	44.1
1953	140.0	120.0	0.0	0.0	34.8	33.7
1954	150.0	120.0	0.0	0.0	47.2	45.1
1955	160.0	120.0	0.0	0.0	47.8	45.6
1956	170.0	120.0	0.0	0.0	48.4	46.0
1957	180.0	120.0	0.0	0.0	49.1	46.5
1958	190.0	120.0	0.0	0.0	49.8	47.0
1959	200.0	120.0	0.0	0.0	50.5	47.5
1960	210.0	120.0	0.0	0.0	51.1	48.0
1961	220.0	120.0	0.0	0.0	51.7	48.4
1962	230.0	120.0	0.0	0.0	52.2	48.7
1963	240.0	120.0	0.0	0.0	52.8	49.0
1964	250.0	120.0	0.0	0.0	53.5	49.3
1965	260.0	120.0	0.0	0.0	51.5	47.9
1966	270.0	120.0	0.0	0.0	60.0	51.2
1967	280.0	120.0	0.0	0.0	59.0	53.8
1968	290.0	120.0	0.0	0.0	55.0	50.4
1969	300.0	120.0	0.0	0.0	53.4	49.4
1970	310.0	120.0	0.0	0.0	52.4	48.7
1971	320.0	120.0	0.0	0.0	51.7	48.1

1972	330.0	120.0	0.0	0.0	51.1	47.6
1973	340.0	120.0	0.0	0.0	50.6	47.2
1974	350.0	120.0	0.0	0.0	50.2	46.7
1975	360.0	120.0	0.0	0.0	49.8	46.3
1976	370.0	120.0	0.0	0.0	49.4	45.9
1977	380.0	120.0	0.0	0.0	49.1	45.4
1978	390.0	120.0	0.0	0.0	48.7	45.0
1979	400.0	120.0	0.0	0.0	48.4	44.7
1980	410.0	120.0	0.0	0.0	48.0	44.3
1981	420.0	120.0	0.0	0.0	47.6	43.8
1982	430.0	120.0	0.0	0.0	47.2	43.5
1983	440.0	120.0	0.0	0.0	46.7	43.1
1984	450.0	120.0	0.0	0.0	46.1	42.6
1985	460.0	120.0	0.0	0.0	45.4	42.2
1986	470.0	120.0	0.0	0.0	44.8	41.8
1987	480.0	120.0	0.0	0.0	44.1	41.4
1988	490.0	120.0	0.0	0.0	43.5	41.0
1989	500.0	120.0	0.0	0.0	43.0	40.6
1990	0.0	110.0	0.0	0.0	40.7	39.7
1991	10.0	110.0	0.0	0.0	40.9	40.0
1992	20.0	110.0	0.0	0.0	41.2	40.3
1993	30.0	110.0	0.0	0.0	41.5	40.5
1994	40.0	110.0	0.0	0.0	41.8	40.8
1995	50.0	110.0	0.0	0.0	42.3	41.1
1996	60.0	110.0	0.0	0.0	42.4	41.3
1997	70.0	110.0	0.0	0.0	42.1	40.8
1998	80.0	110.0	0.0	0.0	40.1	38.5
1999	90.0	110.0	0.0	0.0	39.6	37.1
2000	100.0	110.0	0.0	0.0	41.9	40.4
2001	110.0	110.0	0.0	0.0	42.2	41.1
2002	120.0	110.0	0.0	0.0	31.5	30.9

2004	140.0	110.0	0.0	0.0	38.1	32.5
2005	150.0	110.0	0.0	0.0	46.9	44.8
2006	160.0	110.0	0.0	0.0	47.4	45.2
2007	170.0	110.0	0.0	0.0	47.9	45.6
2008	180.0	110.0	0.0	0.0	48.5	46.0
2009	190.0	110.0	0.0	0.0	49.0	46.4
2010	200.0	110.0	0.0	0.0	49.6	46.7
2011	210.0	110.0	0.0	0.0	50.2	47.2
2012	220.0	110.0	0.0	0.0	50.7	47.5
2013	230.0	110.0	0.0	0.0	51.1	47.8
2014	240.0	110.0	0.0	0.0	51.6	48.1
2015	250.0	110.0	0.0	0.0	52.2	48.2
2016	260.0	110.0	0.0	0.0	53.2	48.4
2017	270.0	110.0	0.0	0.0	53.2	47.7
2018	280.0	110.0	0.0	0.0	66.9	52.7
2019	290.0	110.0	0.0	0.0	57.0	51.3
2020	300.0	110.0	0.0	0.0	54.6	49.4
2021	310.0	110.0	0.0	0.0	53.6	48.7
2022	320.0	110.0	0.0	0.0	52.8	48.2
2023	330.0	110.0	0.0	0.0	52.2	47.7
2024	340.0	110.0	0.0	0.0	51.7	47.3
2025	350.0	110.0	0.0	0.0	51.3	46.9
2026	360.0	110.0	0.0	0.0	50.9	46.5
2027	370.0	110.0	0.0	0.0	50.5	46.1
2028	380.0	110.0	0.0	0.0	50.2	45.7
2029	390.0	110.0	0.0	0.0	49.9	45.4
2030	400.0	110.0	0.0	0.0	49.5	45.0
2031	410.0	110.0	0.0	0.0	49.2	44.6
2032	420.0	110.0	0.0	0.0	48.8	44.2
2033	430.0	110.0	0.0	0.0	48.3	43.8
2034	440.0	110.0	0.0	0.0	47.7	43.4

2035	450.0	110.0	0.0	0.0	47.0	42.9
2036	460.0	110.0	0.0	0.0	46.1	42.3
2037	470.0	110.0	0.0	0.0	45.2	41.8
2038	480.0	110.0	0.0	0.0	44.4	41.3
2039	490.0	110.0	0.0	0.0	43.7	40.9
2040	500.0	110.0	0.0	0.0	43.1	40.6
2041	0.0	100.0	0.0	0.0	40.6	39.6
2042	10.0	100.0	0.0	0.0	40.9	39.8
2043	20.0	100.0	0.0	0.0	41.2	40.1
2044	30.0	100.0	0.0	0.0	41.5	40.4
2045	40.0	100.0	0.0	0.0	41.7	40.7
2046	50.0	100.0	0.0	0.0	42.0	40.9
2047	60.0	100.0	0.0	0.0	41.3	40.0
2048	70.0	100.0	0.0	0.0	39.6	37.7
2049	80.0	100.0	0.0	0.0	39.2	36.6
2050	90.0	100.0	0.0	0.0	41.0	39.5
2051	100.0	100.0	0.0	0.0	40.3	38.5
2052	110.0	100.0	0.0	0.0	38.1	36.2
2053	120.0	100.0	0.0	0.0	36.9	32.5
2054	130.0	100.0	0.0	0.0	41.1	36.6
2055	140.0	100.0	0.0	0.0	46.0	44.0
2056	150.0	100.0	0.0	0.0	46.4	44.4
2057	160.0	100.0	0.0	0.0	46.9	44.7
2058	170.0	100.0	0.0	0.0	47.4	45.1
2059	180.0	100.0	0.0	0.0	47.9	45.4
2060	190.0	100.0	0.0	0.0	48.4	45.8
2061	200.0	100.0	0.0	0.0	48.8	46.1
2062	210.0	100.0	0.0	0.0	49.3	46.4
2063	220.0	100.0	0.0	0.0	49.7	46.7
2064	230.0	100.0	0.0	0.0	50.1	46.9
2065	240.0	100.0	0.0	0.0	50.6	47.1

2066	250.0	100.0	0.0	0.0	51.1	47.2
2067	260.0	100.0	0.0	0.0	51.9	47.3
2068	270.0	100.0	0.0	0.0	53.1	47.6
2069	280.0	100.0	0.0	0.0	56.1	48.7
2070	290.0	100.0	0.0	0.0	63.3	57.9
2071	300.0	100.0	0.0	0.0	59.2	53.4
2072	310.0	100.0	0.0	0.0	57.7	51.6
2073	320.0	100.0	0.0	0.0	56.4	50.5
2074	330.0	100.0	0.0	0.0	55.2	49.7
2075	340.0	100.0	0.0	0.0	54.5	49.0
2076	350.0	100.0	0.0	0.0	53.9	48.4
2077	360.0	100.0	0.0	0.0	53.4	47.9
2078	370.0	100.0	0.0	0.0	52.9	47.4
2079	380.0	100.0	0.0	0.0	52.5	46.9
2080	390.0	100.0	0.0	0.0	52.0	46.5
2081	400.0	100.0	0.0	0.0	51.6	46.1
2082	410.0	100.0	0.0	0.0	51.2	45.6
2083	420.0	100.0	0.0	0.0	50.7	45.2
2084	430.0	100.0	0.0	0.0	50.2	44.8
2085	440.0	100.0	0.0	0.0	49.5	44.3
2086	450.0	100.0	0.0	0.0	48.4	43.5
2087	460.0	100.0	0.0	0.0	47.0	42.6
2088	470.0	100.0	0.0	0.0	45.7	41.9
2089	480.0	100.0	0.0	0.0	44.6	41.3
2090	490.0	100.0	0.0	0.0	43.8	40.9
2091	500.0	100.0	0.0	0.0	43.2	40.5
2092	0.0	90.0	0.0	0.0	40.6	39.5
2093	10.0	90.0	0.0	0.0	40.9	39.8
2094	20.0	90.0	0.0	0.0	41.1	40.0
2095	30.0	90.0	0.0	0.0	41.3	40.2
2096	40.0	90.0	0.0	0.0	40.9	39.5

2097	50.0	90.0	0.0	0.0	39.4	37.7
2098	60.0	90.0	0.0	0.0	38.8	37.1
2099	70.0	90.0	0.0	0.0	39.0	36.8
2100	80.0	90.0	0.0	0.0	40.6	39.3
2101	90.0	90.0	0.0	0.0	41.3	40.0
2102	100.0	90.0	0.0	0.0	38.5	35.9
2103	110.0	90.0	0.0	0.0	38.7	34.5
2104	120.0	90.0	0.0	0.0	41.3	38.1
2105	130.0	90.0	0.0	0.0	44.5	42.4
2106	140.0	90.0	0.0	0.0	45.6	43.6
2107	150.0	90.0	0.0	0.0	46.0	44.0
2108	160.0	90.0	0.0	0.0	46.4	44.3
2109	170.0	90.0	0.0	0.0	46.9	44.6
2110	180.0	90.0	0.0	0.0	47.3	44.9
2111	190.0	90.0	0.0	0.0	47.7	45.2
2112	200.0	90.0	0.0	0.0	48.1	45.5
2113	210.0	90.0	0.0	0.0	48.5	45.8
2114	220.0	90.0	0.0	0.0	48.9	46.0
2115	230.0	90.0	0.0	0.0	49.2	46.2
2116	240.0	90.0	0.0	0.0	49.6	46.3
2117	250.0	90.0	0.0	0.0	50.0	46.4
2118	260.0	90.0	0.0	0.0	50.6	46.4
2119	270.0	90.0	0.0	0.0	51.4	46.5
2120	280.0	90.0	0.0	0.0	52.8	47.4
2121	290.0	90.0	0.0	0.0	53.3	47.2
2122	300.0	90.0	0.0	0.0	55.0	47.9
2123	310.0	90.0	0.0	0.0	55.9	48.1
2124	320.0	90.0	0.0	0.0	56.5	48.4
2125	330.0	90.0	0.0	0.0	57.4	48.8
2126	340.0	90.0	0.0	0.0	59.0	49.3
2127	350.0	90.0	0.0	0.0	61.3	49.9

2128	360.0	90.0	0.0	0.0	67.9	50.9
2129	370.0	90.0	0.0	0.0	63.6	52.6
2130	380.0	90.0	0.0	0.0	61.2	56.4
2131	390.0	90.0	0.0	0.0	61.2	58.7
2132	400.0	90.0	0.0	0.0	57.9	53.2
2133	410.0	90.0	0.0	0.0	56.5	51.0
2134	420.0	90.0	0.0	0.0	55.4	49.6
2135	430.0	90.0	0.0	0.0	54.5	48.5
2136	440.0	90.0	0.0	0.0	53.6	47.5
2137	450.0	90.0	0.0	0.0	51.8	46.0
2138	460.0	90.0	0.0	0.0	48.4	43.2
2139	470.0	90.0	0.0	0.0	46.1	41.9
2140	480.0	90.0	0.0	0.0	44.8	41.3
2141	490.0	90.0	0.0	0.0	43.8	40.8
2142	500.0	90.0	0.0	0.0	43.1	40.4
2143	0.0	80.0	0.0	0.0	40.4	39.4
2144	10.0	80.0	0.0	0.0	40.5	39.5
2145	20.0	80.0	0.0	0.0	40.2	39.0
2146	30.0	80.0	0.0	0.0	40.2	39.0
2147	40.0	80.0	0.0	0.0	38.5	36.8
2148	50.0	80.0	0.0	0.0	38.5	36.8
2149	60.0	80.0	0.0	0.0	38.7	36.9
2150	70.0	80.0	0.0	0.0	40.3	38.9
2151	80.0	80.0	0.0	0.0	39.6	37.5
2152	90.0	80.0	0.0	0.0	39.5	37.1
2153	100.0	80.0	0.0	0.0	40.1	37.1
2154	110.0	80.0	0.0	0.0	40.5	37.2
2155	120.0	80.0	0.0	0.0	43.5	41.4
2156	130.0	80.0	0.0	0.0	44.9	43.0
2157	140.0	80.0	0.0	0.0	45.2	43.3
2158	150.0	80.0	0.0	0.0	45.6	43.6

2159	160.0	80.0	0.0	0.0	46.0	43.9
2160	170.0	80.0	0.0	0.0	46.4	44.2
2161	180.0	80.0	0.0	0.0	46.8	44.5
2162	190.0	80.0	0.0	0.0	47.1	44.7
2163	200.0	80.0	0.0	0.0	47.5	45.0
2164	210.0	80.0	0.0	0.0	47.8	45.2
2165	220.0	80.0	0.0	0.0	48.2	45.4
2166	230.0	80.0	0.0	0.0	48.5	45.6
2167	240.0	80.0	0.0	0.0	48.8	45.6
2168	250.0	80.0	0.0	0.0	49.1	45.6
2169	260.0	80.0	0.0	0.0	49.6	45.7
2170	270.0	80.0	0.0	0.0	50.3	46.4
2171	280.0	80.0	0.0	0.0	50.9	46.4
2172	290.0	80.0	0.0	0.0	51.5	46.6
2173	300.0	80.0	0.0	0.0	52.0	46.6
2174	310.0	80.0	0.0	0.0	52.1	46.5
2175	320.0	80.0	0.0	0.0	52.0	46.4
2176	330.0	80.0	0.0	0.0	51.9	46.3
2177	340.0	80.0	0.0	0.0	52.0	46.2
2178	350.0	80.0	0.0	0.0	52.1	46.1
2179	360.0	80.0	0.0	0.0	52.4	46.0
2180	370.0	80.0	0.0	0.0	52.6	46.0
2181	380.0	80.0	0.0	0.0	53.0	46.0
2182	390.0	80.0	0.0	0.0	53.4	46.1
2183	400.0	80.0	0.0	0.0	52.1	45.1
2184	410.0	80.0	0.0	0.0	53.3	45.6
2185	420.0	80.0	0.0	0.0	54.6	46.2
2186	430.0	80.0	0.0	0.0	56.1	47.0
2187	440.0	80.0	0.0	0.0	57.8	47.7
2188	450.0	80.0	0.0	0.0	59.4	47.7
2189	460.0	80.0	0.0	0.0	49.2	43.3

2190	470.0	80.0	0.0	0.0	46.2	41.8
2191	480.0	80.0	0.0	0.0	44.8	41.1
2192	490.0	80.0	0.0	0.0	43.8	40.6
2193	500.0	80.0	0.0	0.0	43.1	40.3
2194	0.0	70.0	0.0	0.0	40.2	39.1
2195	10.0	70.0	0.0	0.0	39.6	38.5
2196	20.0	70.0	0.0	0.0	38.2	36.6
2197	30.0	70.0	0.0	0.0	37.9	36.3
2198	40.0	70.0	0.0	0.0	38.1	36.6
2199	50.0	70.0	0.0	0.0	39.4	38.0
2200	60.0	70.0	0.0	0.0	39.8	38.5
2201	70.0	70.0	0.0	0.0	39.5	37.2
2202	80.0	70.0	0.0	0.0	39.2	36.9
2203	90.0	70.0	0.0	0.0	39.8	37.1
2204	100.0	70.0	0.0	0.0	40.5	37.3
2205	110.0	70.0	0.0	0.0	42.4	40.1
2206	120.0	70.0	0.0	0.0	44.1	42.2
2207	130.0	70.0	0.0	0.0	44.5	42.6
2208	140.0	70.0	0.0	0.0	44.9	42.9
2209	150.0	70.0	0.0	0.0	45.2	43.2
2210	160.0	70.0	0.0	0.0	45.6	43.5
2211	170.0	70.0	0.0	0.0	45.9	43.8
2212	180.0	70.0	0.0	0.0	46.3	44.0
2213	190.0	70.0	0.0	0.0	46.6	44.3
2214	200.0	70.0	0.0	0.0	46.9	44.5
2215	210.0	70.0	0.0	0.0	47.2	44.7
2216	220.0	70.0	0.0	0.0	47.5	44.8
2217	230.0	70.0	0.0	0.0	47.8	45.0
2218	240.0	70.0	0.0	0.0	48.0	45.0
2219	250.0	70.0	0.0	0.0	48.3	45.0
2220	260.0	70.0	0.0	0.0	48.6	45.0

2221	270.0	70.0	0.0	0.0	49.2	45.7
2222	280.0	70.0	0.0	0.0	49.5	45.6
2223	290.0	70.0	0.0	0.0	49.8	45.7
2224	300.0	70.0	0.0	0.0	49.9	45.7
2225	310.0	70.0	0.0	0.0	50.0	45.6
2226	320.0	70.0	0.0	0.0	50.0	45.4
2227	330.0	70.0	0.0	0.0	49.9	45.3
2228	340.0	70.0	0.0	0.0	49.9	45.1
2229	350.0	70.0	0.0	0.0	49.9	45.0
2230	360.0	70.0	0.0	0.0	49.9	44.8
2231	370.0	70.0	0.0	0.0	49.9	44.6
2232	380.0	70.0	0.0	0.0	50.0	44.5
2233	390.0	70.0	0.0	0.0	50.1	44.4
2234	400.0	70.0	0.0	0.0	50.1	44.3
2235	410.0	70.0	0.0	0.0	50.3	44.2
2236	420.0	70.0	0.0	0.0	50.3	44.1
2237	430.0	70.0	0.0	0.0	50.4	44.0
2238	440.0	70.0	0.0	0.0	50.2	43.7
2239	450.0	70.0	0.0	0.0	49.2	43.1
2240	460.0	70.0	0.0	0.0	47.0	42.1
2241	470.0	70.0	0.0	0.0	45.2	41.3
2242	480.0	70.0	0.0	0.0	44.0	40.8
2243	490.0	70.0	0.0	0.0	43.2	40.4
2244	500.0	70.0	0.0	0.0	42.6	40.1
2245	0.0	60.0	0.0	0.0	39.0	37.9
2246	10.0	60.0	0.0	0.0	37.6	36.1
2247	20.0	60.0	0.0	0.0	37.8	36.0
2248	30.0	60.0	0.0	0.0	38.1	36.5
2249	40.0	60.0	0.0	0.0	39.0	37.6
2250	50.0	60.0	0.0	0.0	40.0	38.6
2251	60.0	60.0	0.0	0.0	38.8	36.4

2252	70.0	60.0	0.0	0.0	39.1	36.6
2253	80.0	60.0	0.0	0.0	39.5	36.9
2254	90.0	60.0	0.0	0.0	40.1	37.2
2255	100.0	60.0	0.0	0.0	41.7	39.5
2256	110.0	60.0	0.0	0.0	43.5	41.6
2257	120.0	60.0	0.0	0.0	43.8	42.0
2258	130.0	60.0	0.0	0.0	44.1	42.2
2259	140.0	60.0	0.0	0.0	44.5	42.5
2260	150.0	60.0	0.0	0.0	44.8	42.8
2261	160.0	60.0	0.0	0.0	45.2	43.1
2262	170.0	60.0	0.0	0.0	45.5	43.3
2263	180.0	60.0	0.0	0.0	45.8	43.6
2264	190.0	60.0	0.0	0.0	46.1	43.8
2265	200.0	60.0	0.0	0.0	46.4	44.0
2266	210.0	60.0	0.0	0.0	46.7	44.2
2267	220.0	60.0	0.0	0.0	46.9	44.3
2268	230.0	60.0	0.0	0.0	47.2	44.4
2269	240.0	60.0	0.0	0.0	47.3	44.4
2270	250.0	60.0	0.0	0.0	47.5	44.4
2271	260.0	60.0	0.0	0.0	47.8	44.4
2272	270.0	60.0	0.0	0.0	48.3	45.0
2273	280.0	60.0	0.0	0.0	48.4	44.9
2274	290.0	60.0	0.0	0.0	48.5	44.9
2275	300.0	60.0	0.0	0.0	48.6	44.9
2276	310.0	60.0	0.0	0.0	48.6	44.8
2277	320.0	60.0	0.0	0.0	48.7	44.7
2278	330.0	60.0	0.0	0.0	48.6	44.5
2279	340.0	60.0	0.0	0.0	48.5	44.4
2280	350.0	60.0	0.0	0.0	48.5	44.2
2281	360.0	60.0	0.0	0.0	48.4	44.0
2282	370.0	60.0	0.0	0.0	48.3	43.8

2283	380.0	60.0	0.0	0.0	48.3	43.6
2284	390.0	60.0	0.0	0.0	48.3	43.5
2285	400.0	60.0	0.0	0.0	48.3	43.3
2286	410.0	60.0	0.0	0.0	48.2	43.2
2287	420.0	60.0	0.0	0.0	48.1	43.0
2288	430.0	60.0	0.0	0.0	47.9	42.8
2289	440.0	60.0	0.0	0.0	47.5	42.5
2290	450.0	60.0	0.0	0.0	46.8	42.0
2291	460.0	60.0	0.0	0.0	45.7	41.5
2292	470.0	60.0	0.0	0.0	44.6	41.0
2293	480.0	60.0	0.0	0.0	43.6	40.5
2294	490.0	60.0	0.0	0.0	42.9	40.2
2295	500.0	60.0	0.0	0.0	42.2	39.8
2296	0.0	50.0	0.0	0.0	37.3	35.6
2297	10.0	50.0	0.0	0.0	37.3	35.8
2298	20.0	50.0	0.0	0.0	38.7	37.4
2299	30.0	50.0	0.0	0.0	38.9	37.3
2300	40.0	50.0	0.0	0.0	39.6	38.2
2301	50.0	50.0	0.0	0.0	38.3	35.9
2302	60.0	50.0	0.0	0.0	39.0	36.8
2303	70.0	50.0	0.0	0.0	39.1	36.7
2304	80.0	50.0	0.0	0.0	39.5	36.7
2305	90.0	50.0	0.0	0.0	41.1	39.0
2306	100.0	50.0	0.0	0.0	42.7	40.9
2307	110.0	50.0	0.0	0.0	43.2	41.4
2308	120.0	50.0	0.0	0.0	43.5	41.7
2309	130.0	50.0	0.0	0.0	43.8	41.9
2310	140.0	50.0	0.0	0.0	44.1	42.1
2311	150.0	50.0	0.0	0.0	44.4	42.4
2312	160.0	50.0	0.0	0.0	44.7	42.7
2313	170.0	50.0	0.0	0.0	45.1	42.9

2314	180.0	50.0	0.0	0.0	45.3	43.1
2315	190.0	50.0	0.0	0.0	45.6	43.3
2316	200.0	50.0	0.0	0.0	45.9	43.5
2317	210.0	50.0	0.0	0.0	46.1	43.7
2318	220.0	50.0	0.0	0.0	46.4	43.8
2319	230.0	50.0	0.0	0.0	46.6	43.9
2320	240.0	50.0	0.0	0.0	46.7	43.8
2321	250.0	50.0	0.0	0.0	46.8	43.8
2322	260.0	50.0	0.0	0.0	47.0	43.8
2323	270.0	50.0	0.0	0.0	47.5	44.4
2324	280.0	50.0	0.0	0.0	47.6	44.3
2325	290.0	50.0	0.0	0.0	47.6	44.3
2326	300.0	50.0	0.0	0.0	47.6	44.3
2327	310.0	50.0	0.0	0.0	47.7	44.2
2328	320.0	50.0	0.0	0.0	47.6	44.1
2329	330.0	50.0	0.0	0.0	47.5	43.9
2330	340.0	50.0	0.0	0.0	47.5	43.8
2331	350.0	50.0	0.0	0.0	47.4	43.5
2332	360.0	50.0	0.0	0.0	47.3	43.4
2333	370.0	50.0	0.0	0.0	47.3	43.2
2334	380.0	50.0	0.0	0.0	47.2	43.0
2335	390.0	50.0	0.0	0.0	47.1	42.9
2336	400.0	50.0	0.0	0.0	47.0	42.7
2337	410.0	50.0	0.0	0.0	46.9	42.5
2338	420.0	50.0	0.0	0.0	46.7	42.3
2339	430.0	50.0	0.0	0.0	46.4	42.1
2340	440.0	50.0	0.0	0.0	46.0	41.8
2341	450.0	50.0	0.0	0.0	45.5	41.4
2342	460.0	50.0	0.0	0.0	44.8	41.0
2343	470.0	50.0	0.0	0.0	44.0	40.7
2344	480.0	50.0	0.0	0.0	43.3	40.3

2345	490.0	50.0	0.0	0.0	42.6	40.0
2346	500.0	50.0	0.0	0.0	42.1	39.7
2347	0.0	40.0	0.0	0.0	38.2	36.9
2348	10.0	40.0	0.0	0.0	38.5	37.1
2349	20.0	40.0	0.0	0.0	38.7	37.1
2350	30.0	40.0	0.0	0.0	39.3	37.8
2351	40.0	40.0	0.0	0.0	38.0	35.5
2352	50.0	40.0	0.0	0.0	38.5	36.2
2353	60.0	40.0	0.0	0.0	38.7	36.3
2354	70.0	40.0	0.0	0.0	39.1	36.4
2355	80.0	40.0	0.0	0.0	40.5	38.5
2356	90.0	40.0	0.0	0.0	42.0	40.3
2357	100.0	40.0	0.0	0.0	42.7	40.9
2358	110.0	40.0	0.0	0.0	43.0	41.2
2359	120.0	40.0	0.0	0.0	43.3	41.4
2360	130.0	40.0	0.0	0.0	43.5	41.6
2361	140.0	40.0	0.0	0.0	43.8	41.8
2362	150.0	40.0	0.0	0.0	44.0	42.0
2363	160.0	40.0	0.0	0.0	44.3	42.2
2364	170.0	40.0	0.0	0.0	44.6	42.4
2365	180.0	40.0	0.0	0.0	44.9	42.7
2366	190.0	40.0	0.0	0.0	45.1	42.9
2367	200.0	40.0	0.0	0.0	45.4	43.1
2368	210.0	40.0	0.0	0.0	45.6	43.2
2369	220.0	40.0	0.0	0.0	45.8	43.3
2370	230.0	40.0	0.0	0.0	46.0	43.4
2371	240.0	40.0	0.0	0.0	46.1	43.3
2372	250.0	40.0	0.0	0.0	46.2	43.3
2373	260.0	40.0	0.0	0.0	46.3	43.3
2374	270.0	40.0	0.0	0.0	46.7	43.9
2375	280.0	40.0	0.0	0.0	46.8	43.8

2376	290.0	40.0	0.0	0.0	46.8	43.7
2377	300.0	40.0	0.0	0.0	46.8	43.7
2378	310.0	40.0	0.0	0.0	46.8	43.6
2379	320.0	40.0	0.0	0.0	46.7	43.5
2380	330.0	40.0	0.0	0.0	46.7	43.3
2381	340.0	40.0	0.0	0.0	46.6	43.2
2382	350.0	40.0	0.0	0.0	46.5	43.0
2383	360.0	40.0	0.0	0.0	46.5	42.9
2384	370.0	40.0	0.0	0.0	46.4	42.7
2385	380.0	40.0	0.0	0.0	46.3	42.5
2386	390.0	40.0	0.0	0.0	46.1	42.4
2387	400.0	40.0	0.0	0.0	46.0	42.2
2388	410.0	40.0	0.0	0.0	45.8	42.0
2389	420.0	40.0	0.0	0.0	45.6	41.8
2390	430.0	40.0	0.0	0.0	45.4	41.6
2391	440.0	40.0	0.0	0.0	45.0	41.3
2392	450.0	40.0	0.0	0.0	44.6	41.0
2393	460.0	40.0	0.0	0.0	44.0	40.7
2394	470.0	40.0	0.0	0.0	43.5	40.4
2395	480.0	40.0	0.0	0.0	42.9	40.1
2396	490.0	40.0	0.0	0.0	42.4	39.8
2397	500.0	40.0	0.0	0.0	41.9	39.5
2398	0.0	30.0	0.0	0.0	38.2	36.8
2399	10.0	30.0	0.0	0.0	37.5	35.6
2400	20.0	30.0	0.0	0.0	38.9	37.4
2401	30.0	30.0	0.0	0.0	37.5	35.0
2402	40.0	30.0	0.0	0.0	38.1	35.8
2403	50.0	30.0	0.0	0.0	38.4	36.1
2404	60.0	30.0	0.0	0.0	38.7	36.1
2405	70.0	30.0	0.0	0.0	40.0	38.0
2406	80.0	30.0	0.0	0.0	41.5	39.8

2407	90.0	30.0	0.0	0.0	42.2	40.4
2408	100.0	30.0	0.0	0.0	42.4	40.7
2409	110.0	30.0	0.0	0.0	42.7	41.0
2410	120.0	30.0	0.0	0.0	43.0	41.2
2411	130.0	30.0	0.0	0.0	43.2	41.3
2412	140.0	30.0	0.0	0.0	43.5	41.5
2413	150.0	30.0	0.0	0.0	43.7	41.7
2414	160.0	30.0	0.0	0.0	43.9	41.9
2415	170.0	30.0	0.0	0.0	44.2	42.1
2416	180.0	30.0	0.0	0.0	44.4	42.2
2417	190.0	30.0	0.0	0.0	44.6	42.4
2418	200.0	30.0	0.0	0.0	44.8	42.5
2419	210.0	30.0	0.0	0.0	45.0	42.6
2420	220.0	30.0	0.0	0.0	45.3	42.8
2421	230.0	30.0	0.0	0.0	45.5	43.0
2422	240.0	30.0	0.0	0.0	45.5	42.8
2423	250.0	30.0	0.0	0.0	45.6	42.8
2424	260.0	30.0	0.0	0.0	45.7	42.8
2425	270.0	30.0	0.0	0.0	46.1	43.3
2426	280.0	30.0	0.0	0.0	46.1	43.3
2427	290.0	30.0	0.0	0.0	46.2	43.3
2428	300.0	30.0	0.0	0.0	46.1	43.2
2429	310.0	30.0	0.0	0.0	46.0	43.0
2430	320.0	30.0	0.0	0.0	46.0	43.0
2431	330.0	30.0	0.0	0.0	45.9	42.8
2432	340.0	30.0	0.0	0.0	45.8	42.7
2433	350.0	30.0	0.0	0.0	45.8	42.6
2434	360.0	30.0	0.0	0.0	45.7	42.4
2435	370.0	30.0	0.0	0.0	45.6	42.3
2436	380.0	30.0	0.0	0.0	45.5	42.1
2437	390.0	30.0	0.0	0.0	45.4	41.9

2438	400.0	30.0	0.0	0.0	45.2	41.8
2439	410.0	30.0	0.0	0.0	45.0	41.6
2440	420.0	30.0	0.0	0.0	44.8	41.4
2441	430.0	30.0	0.0	0.0	44.6	41.1
2442	440.0	30.0	0.0	0.0	44.2	40.9
2443	450.0	30.0	0.0	0.0	43.9	40.6
2444	460.0	30.0	0.0	0.0	43.4	40.4
2445	470.0	30.0	0.0	0.0	43.0	40.1
2446	480.0	30.0	0.0	0.0	42.5	39.8
2447	490.0	30.0	0.0	0.0	42.1	39.6
2448	500.0	30.0	0.0	0.0	41.7	39.3
2449	0.0	20.0	0.0	0.0	37.2	35.4
2450	10.0	20.0	0.0	0.0	38.7	37.0
2451	20.0	20.0	0.0	0.0	37.6	35.4
2452	30.0	20.0	0.0	0.0	37.3	34.8
2453	40.0	20.0	0.0	0.0	38.1	35.9
2454	50.0	20.0	0.0	0.0	38.3	35.8
2455	60.0	20.0	0.0	0.0	39.6	37.6
2456	70.0	20.0	0.0	0.0	41.0	39.4
2457	80.0	20.0	0.0	0.0	41.7	40.0
2458	90.0	20.0	0.0	0.0	42.0	40.3
2459	100.0	20.0	0.0	0.0	42.2	40.5
2460	110.0	20.0	0.0	0.0	42.5	40.7
2461	120.0	20.0	0.0	0.0	42.7	40.9
2462	130.0	20.0	0.0	0.0	42.9	41.1
2463	140.0	20.0	0.0	0.0	43.1	41.2
2464	150.0	20.0	0.0	0.0	43.4	41.4
2465	160.0	20.0	0.0	0.0	43.6	41.6
2466	170.0	20.0	0.0	0.0	43.8	41.7
2467	180.0	20.0	0.0	0.0	44.0	41.9
2468	190.0	20.0	0.0	0.0	44.2	42.0

2469	200.0	20.0	0.0	0.0	44.4	42.1
2470	210.0	20.0	0.0	0.0	44.6	42.2
2471	220.0	20.0	0.0	0.0	44.7	42.3
2472	230.0	20.0	0.0	0.0	44.7	42.2
2473	240.0	20.0	0.0	0.0	44.9	42.2
2474	250.0	20.0	0.0	0.0	45.0	42.3
2475	260.0	20.0	0.0	0.0	45.1	42.3
2476	270.0	20.0	0.0	0.0	45.5	42.9
2477	280.0	20.0	0.0	0.0	45.5	42.9
2478	290.0	20.0	0.0	0.0	45.6	42.8
2479	300.0	20.0	0.0	0.0	45.5	42.7
2480	310.0	20.0	0.0	0.0	45.5	42.6
2481	320.0	20.0	0.0	0.0	45.4	42.5
2482	330.0	20.0	0.0	0.0	45.3	42.4
2483	340.0	20.0	0.0	0.0	45.2	42.3
2484	350.0	20.0	0.0	0.0	45.1	42.2
2485	360.0	20.0	0.0	0.0	45.1	42.0
2486	370.0	20.0	0.0	0.0	45.0	41.9
2487	380.0	20.0	0.0	0.0	44.9	41.7
2488	390.0	20.0	0.0	0.0	44.7	41.6
2489	400.0	20.0	0.0	0.0	44.6	41.4
2490	410.0	20.0	0.0	0.0	44.4	41.2
2491	420.0	20.0	0.0	0.0	44.2	41.0
2492	430.0	20.0	0.0	0.0	43.9	40.8
2493	440.0	20.0	0.0	0.0	43.6	40.6
2494	450.0	20.0	0.0	0.0	43.3	40.3
2495	460.0	20.0	0.0	0.0	42.9	40.1
2496	470.0	20.0	0.0	0.0	42.6	39.8
2497	480.0	20.0	0.0	0.0	42.2	39.6
2498	490.0	20.0	0.0	0.0	41.8	39.4
2499	500.0	20.0	0.0	0.0	41.4	39.1

2500	0.0	10.0	0.0	0.0	38.3	36.6
2501	10.0	10.0	0.0	0.0	36.7	34.1
2502	20.0	10.0	0.0	0.0	37.1	34.8
2503	30.0	10.0	0.0	0.0	37.8	35.7
2504	40.0	10.0	0.0	0.0	38.0	35.5
2505	50.0	10.0	0.0	0.0	39.2	37.2
2506	60.0	10.0	0.0	0.0	39.7	37.7
2507	70.0	10.0	0.0	0.0	41.0	39.3
2508	80.0	10.0	0.0	0.0	41.5	39.8
2509	90.0	10.0	0.0	0.0	41.7	40.1
2510	100.0	10.0	0.0	0.0	42.0	40.3
2511	110.0	10.0	0.0	0.0	42.2	40.4
2512	120.0	10.0	0.0	0.0	42.4	40.6
2513	130.0	10.0	0.0	0.0	42.6	40.8
2514	140.0	10.0	0.0	0.0	42.8	40.9
2515	150.0	10.0	0.0	0.0	43.0	41.1
2516	160.0	10.0	0.0	0.0	43.2	41.3
2517	170.0	10.0	0.0	0.0	43.4	41.4
2518	180.0	10.0	0.0	0.0	43.6	41.5
2519	190.0	10.0	0.0	0.0	43.8	41.6
2520	200.0	10.0	0.0	0.0	44.0	41.8
2521	210.0	10.0	0.0	0.0	44.1	41.9
2522	220.0	10.0	0.0	0.0	44.3	41.9
2523	230.0	10.0	0.0	0.0	44.3	41.8
2524	240.0	10.0	0.0	0.0	44.4	41.8
2525	250.0	10.0	0.0	0.0	44.5	41.9
2526	260.0	10.0	0.0	0.0	44.6	41.9
2527	270.0	10.0	0.0	0.0	45.0	42.5
2528	280.0	10.0	0.0	0.0	45.0	42.5
2529	290.0	10.0	0.0	0.0	45.0	42.4
2530	300.0	10.0	0.0	0.0	45.0	42.3

2531	310.0	10.0	0.0	0.0	44.9	42.2
2532	320.0	10.0	0.0	0.0	44.8	42.1
2533	330.0	10.0	0.0	0.0	44.7	42.0
2534	340.0	10.0	0.0	0.0	44.7	41.9
2535	350.0	10.0	0.0	0.0	44.5	41.8
2536	360.0	10.0	0.0	0.0	44.5	41.6
2537	370.0	10.0	0.0	0.0	44.4	41.5
2538	380.0	10.0	0.0	0.0	44.3	41.4
2539	390.0	10.0	0.0	0.0	44.2	41.2
2540	400.0	10.0	0.0	0.0	44.0	41.0
2541	410.0	10.0	0.0	0.0	43.8	40.9
2542	420.0	10.0	0.0	0.0	43.6	40.7
2543	430.0	10.0	0.0	0.0	43.4	40.5
2544	440.0	10.0	0.0	0.0	43.1	40.3
2545	450.0	10.0	0.0	0.0	42.8	40.1
2546	460.0	10.0	0.0	0.0	42.5	39.8
2547	470.0	10.0	0.0	0.0	42.2	39.6
2548	480.0	10.0	0.0	0.0	41.8	39.4
2549	490.0	10.0	0.0	0.0	41.5	39.2
2550	500.0	10.0	0.0	0.0	41.2	39.0
2551	0.0	0.0	0.0	0.0	36.3	33.7
2552	10.0	0.0	0.0	0.0	36.3	33.6
2553	20.0	0.0	0.0	0.0	37.9	35.9
2554	30.0	0.0	0.0	0.0	37.6	35.3
2555	40.0	0.0	0.0	0.0	38.8	36.9
2556	50.0	0.0	0.0	0.0	39.3	37.4
2557	60.0	0.0	0.0	0.0	40.5	38.9
2558	70.0	0.0	0.0	0.0	41.0	39.4
2559	80.0	0.0	0.0	0.0	41.3	39.6
2560	90.0	0.0	0.0	0.0	41.5	39.8
2561	100.0	0.0	0.0	0.0	41.7	40.0

2562	110.0	0.0	0.0	0.0	41.9	40.2
2563	120.0	0.0	0.0	0.0	42.1	40.3
2564	130.0	0.0	0.0	0.0	42.3	40.5
2565	140.0	0.0	0.0	0.0	42.5	40.7
2566	150.0	0.0	0.0	0.0	42.7	40.8
2567	160.0	0.0	0.0	0.0	42.9	41.0
2568	170.0	0.0	0.0	0.0	43.1	41.1
2569	180.0	0.0	0.0	0.0	43.3	41.2
2570	190.0	0.0	0.0	0.0	43.4	41.3
2571	200.0	0.0	0.0	0.0	43.6	41.4
2572	210.0	0.0	0.0	0.0	43.7	41.5
2573	220.0	0.0	0.0	0.0	43.9	41.6
2574	230.0	0.0	0.0	0.0	43.8	41.4
2575	240.0	0.0	0.0	0.0	43.9	41.4
2576	250.0	0.0	0.0	0.0	44.0	41.5
2577	260.0	0.0	0.0	0.0	44.1	41.5
2578	270.0	0.0	0.0	0.0	44.5	42.1
2579	280.0	0.0	0.0	0.0	44.5	42.1
2580	290.0	0.0	0.0	0.0	44.5	42.0
2581	300.0	0.0	0.0	0.0	44.5	42.0
2582	310.0	0.0	0.0	0.0	44.4	41.9
2583	320.0	0.0	0.0	0.0	44.4	41.8
2584	330.0	0.0	0.0	0.0	44.2	41.7
2585	340.0	0.0	0.0	0.0	44.2	41.6
2586	350.0	0.0	0.0	0.0	44.1	41.4
2587	360.0	0.0	0.0	0.0	43.9	41.3
2588	370.0	0.0	0.0	0.0	43.8	41.2
2589	380.0	0.0	0.0	0.0	43.7	41.0
2590	390.0	0.0	0.0	0.0	43.6	40.9
2591	400.0	0.0	0.0	0.0	43.5	40.7
2592	410.0	0.0	0.0	0.0	43.3	40.5

2593	420.0	0.0	0.0	0.0	43.1	40.4
2594	430.0	0.0	0.0	0.0	42.9	40.2
2595	440.0	0.0	0.0	0.0	42.6	40.0
2596	450.0	0.0	0.0	0.0	42.4	39.8
2597	460.0	0.0	0.0	0.0	42.1	39.6
2598	470.0	0.0	0.0	0.0	41.8	39.4
2599	480.0	0.0	0.0	0.0	41.5	39.2
2600	490.0	0.0	0.0	0.0	41.2	39.0
2601	500.0	0.0	0.0	0.0	40.9	38.8

L_{Aeq} , dzień: wartość największa występuje w punkcie (220,160,0.0)

i wynosi 68.4 dB(A)

L_{Aeq} , noc: wartość największa występuje w punkcie (220,240,0.0)

i wynosi 67.5 dB(A)