ZAŁĄCZNIK NR 9

Z.U.O. "EKO - SOFT"
Łódź ul. Rogozińskiego 17/7
tel. 042 648 71 85
HAŁAS PRZEMYSŁOWY i DROGOWY
PROGRAM SON2 WERSJA 5

Właściciel licencji: EKOART - Ochrona Środowiska
Przedsiębiorstwo Wielobranżowe Artur Święczkowski
ul. Gdańska 139, 85-022 Bydgoszcz
Licencja nr AŚ/84022/S12/07/10 z dnia 09.09.2010

I. DANE WEJSCIOWE

Rodzaj obliczeń: Poziom hałasu równoważnego (L_{AeqT})

---

1. Nazwa projektu: GR Jacek Górski - ferma świń w m. Czamanin Kolonia, gm. Topólka
2. Temperatura powietrza [st C.]= 10
3. Wilgotność względna powietrza [%]= 70
4. Tło akustyczne dB(A):
Pora dnia : 40.0
Pora nocy : 35.0
5. Rodzaj gruntu : grunt porowaty, wskaźnik gruntu G = 1
6. Punktowe źródła hałasu

Lp	Symbol	Współrzędne źródła x [m]	y [m]	z [m]	Rodzaj źródła	LAW [dB(A)]	tD [h]	tN [h]	Do [dB]
1	W1	194.7	163.9	8.0	wszechkier.	75.0	8.000	1.000	
2	W2	197.2	170.8	8.0	wszechkier.	75.0	8.000	1.000	
3	W3	199.7	177.1	8.0	wszechkier.	75.0	8.000	1.000	
4	W4	189.0	145.6	8.0	wszechkier.	77.0	8.000	1.000	
5	W5	191.5	152.2	8.0	wszechkier.	77.0	8.000	1.000	
6	W6	193.7	158.8	8.0	wszechkier.	77.0	8.000	1.000	
7	W7	205.7	178.3	8.0	wszechkier.	79.0	8.000	1.000	
8	W8	208.2	184.6	8.0	wszechkier.	79.0	8.000	1.000	
9	W9	211.0	192.2	8.0	wszechkier.	79.0	8.000	1.000	
10	Rozł	184.3	151.0	1.5	wszechkier.	90.0	0.500		

L_{AW} - poziom mocy akustycznej źródła nominalny
t_D - czas pracy źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia
t_N - czas pracy źródła w przedziale 1 najmniej korzystnej godziny nocy

7. Liniowe źródła hałasu

Lp	Symbol	Początek x1 [m]	y1 [m]	z1 [m]	Koniec x2 [m]	y2 [m]	z2 [m]	LAW 8hD [dBA]	LAW 1hN [dBA]	D0 [dB]
1	Poj.C	140.0	62.3	1.2	169.8	148.5	1.2	76.0		
2	Poj.C	169.8	148.5	1.2	179.3	146.3	1.2	76.0		
3	Poj.C	179.3	146.3	1.2	211.4	226.8	1.2	76.0		

L_{AW} - poziom mocy akustycznej źródła nominalny
t_D - czas pracy źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia
t_N - czas pracy źródła w przedziale 1 najmniej korzystnej godziny nocy

8. Źródła hałasu typu budynek

Lp	Symbol	Współrzędne wierzchołków źródła [m] A(x1, y1)	B(x2, y2)	C(x3, y3)	D(x4, y4)	ho [m]	h1 [m]	ht [m]
1	Chl	204.1 200.3	220.5 193.7	200.7 137.1	183.7 144.1	0.0	7.0	0.0

8.1 Opis ścian budynków

Lp	Budynek	Wielkość	Jedn.	Ściana AB	Ściana BC	Ściana CD	Ściana DA	dach
1	Chl	Wsp. odbicia	-	1.0	1.0	1.0	1.0	1.0
		LAwew dzień	dB(A)	84.0	84.0	84.0	84.0	84.0
		LAwew noc	dB(A)	67.0	67.0	67.0	67.0	67.0
		Izolacyjność	dB(A)	43.0	43.0	43.0	43.0	36.0

ho,h1 - odpowiednio wysokość podstawy i wysokość źródła nad gruntem
ht - wysokość gruntu względem płaszczyzny odniesienia
LAwew dzień - poziom dźwięku A wewnątrz budynku w przedziale 8 kolejnych najmniej korzystnych godzin dnia
LAwew noc - poziom dźwięku A wewnątrz budynku w ciągu 1 najmniej korzystnej godziny nocy

9.Współrzędne wierzchołków wieloboku terenu zakładu

Lp	Współrzędne wierzchołków	
	x	y
	m	m
1	284.0	488.1
2	324.0	474.0
3	201.6	124.9
4	170.2	138.7
5	142.8	59.4
6	136.8	62.3

Koniec danych

II. DANE WYJŚCIOWE – obliczony równoważny poziom dźwięku A

RÓWNOWAŻNY POZIOM DŹWIĘKU W SIECI RECEPTORÓW

Poziom dźwięku A równoważny - L_{AeqD}

LAeq , pory dnia i nocy

Nr punktu	Współrzędne punktów x m	y m	z m	wys. terenu m	Poziom dźwięku A p.dnia dB(A)	p.nocy dB(A)
1	0.0	550.0	4.0	0.0	40.1	35.2
2	10.0	550.0	4.0	0.0	40.1	35.2
3	20.0	550.0	4.0	0.0	40.1	35.2
4	30.0	550.0	4.0	0.0	40.1	35.2
5	40.0	550.0	4.0	0.0	40.1	35.3
6	50.0	550.0	4.0	0.0	40.1	35.3
7	60.0	550.0	4.0	0.0	40.1	35.3
8	70.0	550.0	4.0	0.0	40.1	35.3
9	80.0	550.0	4.0	0.0	40.1	35.3
10	90.0	550.0	4.0	0.0	40.1	35.3
11	100.0	550.0	4.0	0.0	40.1	35.3
12	110.0	550.0	4.0	0.0	40.1	35.3
13	120.0	550.0	4.0	0.0	40.1	35.3
14	130.0	550.0	4.0	0.0	40.1	35.3
15	140.0	550.0	4.0	0.0	40.1	35.3
16	150.0	550.0	4.0	0.0	40.1	35.3
17	160.0	550.0	4.0	0.0	40.1	35.3
18	170.0	550.0	4.0	0.0	40.1	35.3
19	180.0	550.0	4.0	0.0	40.1	35.3
20	190.0	550.0	4.0	0.0	40.1	35.3
21	200.0	550.0	4.0	0.0	40.1	35.3
22	210.0	550.0	4.0	0.0	40.1	35.3
23	220.0	550.0	4.0	0.0	40.1	35.3
24	230.0	550.0	4.0	0.0	40.1	35.3
25	240.0	550.0	4.0	0.0	40.1	35.3
26	250.0	550.0	4.0	0.0	40.1	35.3
27	260.0	550.0	4.0	0.0	40.1	35.3
28	270.0	550.0	4.0	0.0	40.1	35.3
29	280.0	550.0	4.0	0.0	40.1	35.3
30	290.0	550.0	4.0	0.0	40.1	35.3
31	300.0	550.0	4.0	0.0	40.1	35.3
32	310.0	550.0	4.0	0.0	40.1	35.3
33	320.0	550.0	4.0	0.0	40.1	35.3
34	330.0	550.0	4.0	0.0	40.1	35.3
35	340.0	550.0	4.0	0.0	40.1	35.3
36	350.0	550.0	4.0	0.0	40.1	35.3
37	360.0	550.0	4.0	0.0	40.1	35.3
38	370.0	550.0	4.0	0.0	40.1	35.3
39	380.0	550.0	4.0	0.0	40.1	35.2
40	0.0	540.0	4.0	0.0	40.1	35.2
41	10.0	540.0	4.0	0.0	40.1	35.2
42	20.0	540.0	4.0	0.0	40.1	35.3
43	30.0	540.0	4.0	0.0	40.1	35.3
44	40.0	540.0	4.0	0.0	40.1	35.3
45	50.0	540.0	4.0	0.0	40.1	35.3
46	60.0	540.0	4.0	0.0	40.1	35.3
47	70.0	540.0	4.0	0.0	40.1	35.3
48	80.0	540.0	4.0	0.0	40.1	35.3
49	90.0	540.0	4.0	0.0	40.1	35.3
50	100.0	540.0	4.0	0.0	40.1	35.3
51	110.0	540.0	4.0	0.0	40.1	35.3
52	120.0	540.0	4.0	0.0	40.1	35.3
53	130.0	540.0	4.0	0.0	40.1	35.3
54	140.0	540.0	4.0	0.0	40.1	35.3
55	150.0	540.0	4.0	0.0	40.1	35.3
56	160.0	540.0	4.0	0.0	40.1	35.3
57	170.0	540.0	4.0	0.0	40.1	35.3
58	180.0	540.0	4.0	0.0	40.1	35.3
59	190.0	540.0	4.0	0.0	40.1	35.3
60	200.0	540.0	4.0	0.0	40.1	35.3
61	210.0	540.0	4.0	0.0	40.1	35.3
62	220.0	540.0	4.0	0.0	40.1	35.3
63	230.0	540.0	4.0	0.0	40.1	35.3
64	240.0	540.0	4.0	0.0	40.1	35.3
65	250.0	540.0	4.0	0.0	40.1	35.3
66	260.0	540.0	4.0	0.0	40.1	35.3
67	270.0	540.0	4.0	0.0	40.1	35.3
68	280.0	540.0	4.0	0.0	40.1	35.3
69	290.0	540.0	4.0	0.0	40.1	35.3
70	300.0	540.0	4.0	0.0	40.1	35.3
71	310.0	540.0	4.0	0.0	40.1	35.3
72	320.0	540.0	4.0	0.0	40.1	35.3

73	330.0	540.0	4.0	0.0	40.1	35.3	147	290.0	520.0	4.0	0.0	40.1	35.3
74	340.0	540.0	4.0	0.0	40.1	35.3	148	300.0	520.0	4.0	0.0	40.1	35.3
75	350.0	540.0	4.0	0.0	40.1	35.3	149	310.0	520.0	4.0	0.0	40.1	35.3
76	360.0	540.0	4.0	0.0	40.1	35.3	150	320.0	520.0	4.0	0.0	40.1	35.3
77	370.0	540.0	4.0	0.0	40.1	35.3	151	330.0	520.0	4.0	0.0	40.1	35.3
78	380.0	540.0	4.0	0.0	40.1	35.3	152	340.0	520.0	4.0	0.0	40.1	35.3
79	0.0	530.0	4.0	0.0	40.1	35.3	153	350.0	520.0	4.0	0.0	40.1	35.3
80	10.0	530.0	4.0	0.0	40.1	35.3	154	360.0	520.0	4.0	0.0	40.1	35.3
81	20.0	530.0	4.0	0.0	40.1	35.3	155	370.0	520.0	4.0	0.0	40.1	35.3
82	30.0	530.0	4.0	0.0	40.1	35.3	156	380.0	520.0	4.0	0.0	40.1	35.3
83	40.0	530.0	4.0	0.0	40.1	35.3	157	0.0	510.0	4.0	0.0	40.1	35.3
84	50.0	530.0	4.0	0.0	40.1	35.3	158	10.0	510.0	4.0	0.0	40.1	35.3
85	60.0	530.0	4.0	0.0	40.1	35.3	159	20.0	510.0	4.0	0.0	40.1	35.3
86	70.0	530.0	4.0	0.0	40.1	35.3	160	30.0	510.0	4.0	0.0	40.1	35.3
87	80.0	530.0	4.0	0.0	40.1	35.3	161	40.0	510.0	4.0	0.0	40.1	35.3
88	90.0	530.0	4.0	0.0	40.1	35.3	162	50.0	510.0	4.0	0.0	40.1	35.3
89	100.0	530.0	4.0	0.0	40.1	35.3	163	60.0	510.0	4.0	0.0	40.1	35.3
90	110.0	530.0	4.0	0.0	40.1	35.3	164	70.0	510.0	4.0	0.0	40.1	35.3
91	120.0	530.0	4.0	0.0	40.1	35.3	165	80.0	510.0	4.0	0.0	40.1	35.3
92	130.0	530.0	4.0	0.0	40.1	35.3	166	90.0	510.0	4.0	0.0	40.1	35.3
93	140.0	530.0	4.0	0.0	40.1	35.3	167	100.0	510.0	4.0	0.0	40.1	35.3
94	150.0	530.0	4.0	0.0	40.1	35.3	168	110.0	510.0	4.0	0.0	40.1	35.4
95	160.0	530.0	4.0	0.0	40.1	35.3	169	120.0	510.0	4.0	0.0	40.1	35.4
96	170.0	530.0	4.0	0.0	40.1	35.3	170	130.0	510.0	4.0	0.0	40.1	35.4
97	180.0	530.0	4.0	0.0	40.1	35.3	171	140.0	510.0	4.0	0.0	40.1	35.4
98	190.0	530.0	4.0	0.0	40.1	35.3	172	150.0	510.0	4.0	0.0	40.1	35.4
99	200.0	530.0	4.0	0.0	40.1	35.3	173	160.0	510.0	4.0	0.0	40.1	35.4
100	210.0	530.0	4.0	0.0	40.1	35.3	174	170.0	510.0	4.0	0.0	40.1	35.4
101	220.0	530.0	4.0	0.0	40.1	35.3	175	180.0	510.0	4.0	0.0	40.1	35.4
102	230.0	530.0	4.0	0.0	40.1	35.3	176	190.0	510.0	4.0	0.0	40.1	35.4
103	240.0	530.0	4.0	0.0	40.1	35.3	177	200.0	510.0	4.0	0.0	40.1	35.4
104	250.0	530.0	4.0	0.0	40.1	35.3	178	210.0	510.0	4.0	0.0	40.1	35.4
105	260.0	530.0	4.0	0.0	40.1	35.3	179	220.0	510.0	4.0	0.0	40.1	35.4
106	270.0	530.0	4.0	0.0	40.1	35.3	180	230.0	510.0	4.0	0.0	40.1	35.4
107	280.0	530.0	4.0	0.0	40.1	35.3	181	240.0	510.0	4.0	0.0	40.1	35.4
108	290.0	530.0	4.0	0.0	40.1	35.3	182	250.0	510.0	4.0	0.0	40.1	35.4
109	300.0	530.0	4.0	0.0	40.1	35.3	183	260.0	510.0	4.0	0.0	40.1	35.4
110	310.0	530.0	4.0	0.0	40.1	35.3	184	270.0	510.0	4.0	0.0	40.1	35.4
111	320.0	530.0	4.0	0.0	40.1	35.3	185	280.0	510.0	4.0	0.0	40.1	35.4
112	330.0	530.0	4.0	0.0	40.1	35.3	186	290.0	510.0	4.0	0.0	40.1	35.4
113	340.0	530.0	4.0	0.0	40.1	35.3	187	300.0	510.0	4.0	0.0	40.1	35.4
114	350.0	530.0	4.0	0.0	40.1	35.3	188	310.0	510.0	4.0	0.0	40.1	35.3
115	360.0	530.0	4.0	0.0	40.1	35.3	189	320.0	510.0	4.0	0.0	40.1	35.3
116	370.0	530.0	4.0	0.0	40.1	35.3	190	330.0	510.0	4.0	0.0	40.1	35.3
117	380.0	530.0	4.0	0.0	40.1	35.3	191	340.0	510.0	4.0	0.0	40.1	35.3
118	0.0	520.0	4.0	0.0	40.1	35.3	192	350.0	510.0	4.0	0.0	40.1	35.3
119	10.0	520.0	4.0	0.0	40.1	35.3	193	360.0	510.0	4.0	0.0	40.1	35.3
120	20.0	520.0	4.0	0.0	40.1	35.3	194	370.0	510.0	4.0	0.0	40.1	35.3
121	30.0	520.0	4.0	0.0	40.1	35.3	195	380.0	510.0	4.0	0.0	40.1	35.3
122	40.0	520.0	4.0	0.0	40.1	35.3	196	0.0	500.0	4.0	0.0	40.1	35.3
123	50.0	520.0	4.0	0.0	40.1	35.3	197	10.0	500.0	4.0	0.0	40.1	35.3
124	60.0	520.0	4.0	0.0	40.1	35.3	198	20.0	500.0	4.0	0.0	40.1	35.3
125	70.0	520.0	4.0	0.0	40.1	35.3	199	30.0	500.0	4.0	0.0	40.1	35.3
126	80.0	520.0	4.0	0.0	40.1	35.3	200	40.0	500.0	4.0	0.0	40.1	35.3
127	90.0	520.0	4.0	0.0	40.1	35.3	201	50.0	500.0	4.0	0.0	40.1	35.3
128	100.0	520.0	4.0	0.0	40.1	35.3	202	60.0	500.0	4.0	0.0	40.1	35.3
129	110.0	520.0	4.0	0.0	40.1	35.3	203	70.0	500.0	4.0	0.0	40.1	35.3
130	120.0	520.0	4.0	0.0	40.1	35.3	204	80.0	500.0	4.0	0.0	40.1	35.4
131	130.0	520.0	4.0	0.0	40.1	35.3	205	90.0	500.0	4.0	0.0	40.1	35.4
132	140.0	520.0	4.0	0.0	40.1	35.3	206	100.0	500.0	4.0	0.0	40.1	35.4
133	150.0	520.0	4.0	0.0	40.1	35.4	207	110.0	500.0	4.0	0.0	40.1	35.4
134	160.0	520.0	4.0	0.0	40.1	35.4	208	120.0	500.0	4.0	0.0	40.1	35.4
135	170.0	520.0	4.0	0.0	40.1	35.4	209	130.0	500.0	4.0	0.0	40.1	35.4
136	180.0	520.0	4.0	0.0	40.1	35.4	210	140.0	500.0	4.0	0.0	40.1	35.4
137	190.0	520.0	4.0	0.0	40.1	35.4	211	150.0	500.0	4.0	0.0	40.1	35.4
138	200.0	520.0	4.0	0.0	40.1	35.4	212	160.0	500.0	4.0	0.0	40.1	35.4
139	210.0	520.0	4.0	0.0	40.1	35.4	213	170.0	500.0	4.0	0.0	40.2	35.4
140	220.0	520.0	4.0	0.0	40.1	35.4	214	180.0	500.0	4.0	0.0	40.2	35.4
141	230.0	520.0	4.0	0.0	40.1	35.4	215	190.0	500.0	4.0	0.0	40.2	35.4
142	240.0	520.0	4.0	0.0	40.1	35.4	216	200.0	500.0	4.0	0.0	40.2	35.4
143	250.0	520.0	4.0	0.0	40.1	35.4	217	210.0	500.0	4.0	0.0	40.2	35.4
144	260.0	520.0	4.0	0.0	40.1	35.3	218	220.0	500.0	4.0	0.0	40.2	35.4
145	270.0	520.0	4.0	0.0	40.1	35.3	219	230.0	500.0	4.0	0.0	40.2	35.4
146	280.0	520.0	4.0	0.0	40.1	35.3	220	240.0	500.0	4.0	0.0	40.2	35.4

221	250.0	500.0	4.0	0.0	40.1	35.4	295	210.0	480.0	4.0	0.0	40.2	35.5
222	260.0	500.0	4.0	0.0	40.1	35.4	296	220.0	480.0	4.0	0.0	40.2	35.5
223	270.0	500.0	4.0	0.0	40.1	35.4	297	230.0	480.0	4.0	0.0	40.2	35.5
224	280.0	500.0	4.0	0.0	40.1	35.4	298	240.0	480.0	4.0	0.0	40.2	35.5
225	290.0	500.0	4.0	0.0	40.1	35.4	299	250.0	480.0	4.0	0.0	40.2	35.5
226	300.0	500.0	4.0	0.0	40.1	35.4	300	260.0	480.0	4.0	0.0	40.2	35.4
227	310.0	500.0	4.0	0.0	40.1	35.4	301	270.0	480.0	4.0	0.0	40.2	35.4
228	320.0	500.0	4.0	0.0	40.1	35.4	302	280.0	480.0	4.0	0.0	40.2	35.4
229	330.0	500.0	4.0	0.0	40.1	35.4	303	290.0	480.0	4.0	0.0	40.2	35.4
230	340.0	500.0	4.0	0.0	40.1	35.3	304	300.0	480.0	4.0	0.0	40.1	35.4
231	350.0	500.0	4.0	0.0	40.1	35.3	305	310.0	480.0	4.0	0.0	40.1	35.4
232	360.0	500.0	4.0	0.0	40.1	35.3	306	320.0	480.0	4.0	0.0	40.1	35.4
233	370.0	500.0	4.0	0.0	40.1	35.3	307	330.0	480.0	4.0	0.0	40.1	35.4
234	380.0	500.0	4.0	0.0	40.1	35.3	308	340.0	480.0	4.0	0.0	40.1	35.4
235	0.0	490.0	4.0	0.0	40.1	35.3	309	350.0	480.0	4.0	0.0	40.1	35.4
236	10.0	490.0	4.0	0.0	40.1	35.3	310	360.0	480.0	4.0	0.0	40.1	35.4
237	20.0	490.0	4.0	0.0	40.1	35.3	311	370.0	480.0	4.0	0.0	40.1	35.4
238	30.0	490.0	4.0	0.0	40.1	35.3	312	380.0	480.0	4.0	0.0	40.1	35.3
239	40.0	490.0	4.0	0.0	40.1	35.3	313	0.0	470.0	4.0	0.0	40.1	35.3
240	50.0	490.0	4.0	0.0	40.1	35.4	314	10.0	470.0	4.0	0.0	40.1	35.3
241	60.0	490.0	4.0	0.0	40.1	35.4	315	20.0	470.0	4.0	0.0	40.1	35.4
242	70.0	490.0	4.0	0.0	40.1	35.4	316	30.0	470.0	4.0	0.0	40.1	35.4
243	80.0	490.0	4.0	0.0	40.1	35.4	317	40.0	470.0	4.0	0.0	40.1	35.4
244	90.0	490.0	4.0	0.0	40.1	35.4	318	50.0	470.0	4.0	0.0	40.1	35.4
245	100.0	490.0	4.0	0.0	40.1	35.4	319	60.0	470.0	4.0	0.0	40.2	35.4
246	110.0	490.0	4.0	0.0	40.2	35.4	320	70.0	470.0	4.0	0.0	40.2	35.4
247	120.0	490.0	4.0	0.0	40.2	35.4	321	80.0	470.0	4.0	0.0	40.2	35.4
248	130.0	490.0	4.0	0.0	40.2	35.4	322	90.0	470.0	4.0	0.0	40.2	35.4
249	140.0	490.0	4.0	0.0	40.2	35.4	323	100.0	470.0	4.0	0.0	40.2	35.4
250	150.0	490.0	4.0	0.0	40.2	35.4	324	110.0	470.0	4.0	0.0	40.2	35.5
251	160.0	490.0	4.0	0.0	40.2	35.4	325	120.0	470.0	4.0	0.0	40.2	35.5
252	170.0	490.0	4.0	0.0	40.2	35.4	326	130.0	470.0	4.0	0.0	40.2	35.5
253	180.0	490.0	4.0	0.0	40.2	35.4	327	140.0	470.0	4.0	0.0	40.2	35.5
254	190.0	490.0	4.0	0.0	40.2	35.4	328	150.0	470.0	4.0	0.0	40.2	35.5
255	200.0	490.0	4.0	0.0	40.2	35.4	329	160.0	470.0	4.0	0.0	40.2	35.5
256	210.0	490.0	4.0	0.0	40.2	35.4	330	170.0	470.0	4.0	0.0	40.2	35.5
257	220.0	490.0	4.0	0.0	40.2	35.4	331	180.0	470.0	4.0	0.0	40.2	35.5
258	230.0	490.0	4.0	0.0	40.2	35.4	332	190.0	470.0	4.0	0.0	40.2	35.5
259	240.0	490.0	4.0	0.0	40.2	35.4	333	200.0	470.0	4.0	0.0	40.2	35.5
260	250.0	490.0	4.0	0.0	40.2	35.4	334	210.0	470.0	4.0	0.0	40.2	35.5
261	260.0	490.0	4.0	0.0	40.2	35.4	335	220.0	470.0	4.0	0.0	40.2	35.5
262	270.0	490.0	4.0	0.0	40.2	35.4	336	230.0	470.0	4.0	0.0	40.2	35.5
263	280.0	490.0	4.0	0.0	40.1	35.4	337	240.0	470.0	4.0	0.0	40.2	35.5
264	290.0	490.0	4.0	0.0	40.1	35.4	338	250.0	470.0	4.0	0.0	40.2	35.5
265	300.0	490.0	4.0	0.0	40.1	35.4	339	260.0	470.0	4.0	0.0	40.2	35.5
266	310.0	490.0	4.0	0.0	40.1	35.4	340	270.0	470.0	4.0	0.0	40.2	35.5
267	320.0	490.0	4.0	0.0	40.1	35.4	341	280.0	470.0	4.0	0.0	40.2	35.5
268	330.0	490.0	4.0	0.0	40.1	35.4	342	290.0	470.0	4.0	0.0	40.2	35.5
269	340.0	490.0	4.0	0.0	40.1	35.4	343	300.0	470.0	4.0	0.0	40.2	35.4
270	350.0	490.0	4.0	0.0	40.1	35.4	344	310.0	470.0	4.0	0.0	40.2	35.4
271	360.0	490.0	4.0	0.0	40.1	35.3	345	320.0	470.0	4.0	0.0	40.1	35.4
272	370.0	490.0	4.0	0.0	40.1	35.3	346	330.0	470.0	4.0	0.0	40.1	35.4
273	380.0	490.0	4.0	0.0	40.1	35.3	347	340.0	470.0	4.0	0.0	40.1	35.4
274	0.0	480.0	4.0	0.0	40.1	35.3	348	350.0	470.0	4.0	0.0	40.1	35.4
275	10.0	480.0	4.0	0.0	40.1	35.3	349	360.0	470.0	4.0	0.0	40.1	35.4
276	20.0	480.0	4.0	0.0	40.1	35.3	350	370.0	470.0	4.0	0.0	40.1	35.4
277	30.0	480.0	4.0	0.0	40.1	35.3	351	380.0	470.0	4.0	0.0	40.1	35.4
278	40.0	480.0	4.0	0.0	40.1	35.4	352	0.0	460.0	4.0	0.0	40.1	35.4
279	50.0	480.0	4.0	0.0	40.1	35.4	353	10.0	460.0	4.0	0.0	40.1	35.4
280	60.0	480.0	4.0	0.0	40.1	35.4	354	20.0	460.0	4.0	0.0	40.1	35.4
281	70.0	480.0	4.0	0.0	40.1	35.4	355	30.0	460.0	4.0	0.0	40.1	35.4
282	80.0	480.0	4.0	0.0	40.2	35.4	356	40.0	460.0	4.0	0.0	40.2	35.4
283	90.0	480.0	4.0	0.0	40.2	35.4	357	50.0	460.0	4.0	0.0	40.2	35.4
284	100.0	480.0	4.0	0.0	40.2	35.4	358	60.0	460.0	4.0	0.0	40.2	35.4
285	110.0	480.0	4.0	0.0	40.2	35.4	359	70.0	460.0	4.0	0.0	40.2	35.4
286	120.0	480.0	4.0	0.0	40.2	35.4	360	80.0	460.0	4.0	0.0	40.2	35.4
287	130.0	480.0	4.0	0.0	40.2	35.4	361	90.0	460.0	4.0	0.0	40.2	35.5
288	140.0	480.0	4.0	0.0	40.2	35.4	362	100.0	460.0	4.0	0.0	40.2	35.5
289	150.0	480.0	4.0	0.0	40.2	35.4	363	110.0	460.0	4.0	0.0	40.2	35.5
290	160.0	480.0	4.0	0.0	40.2	35.5	364	120.0	460.0	4.0	0.0	40.2	35.5
291	170.0	480.0	4.0	0.0	40.2	35.5	365	130.0	460.0	4.0	0.0	40.2	35.5
292	180.0	480.0	4.0	0.0	40.2	35.5	366	140.0	460.0	4.0	0.0	40.2	35.5
293	190.0	480.0	4.0	0.0	40.2	35.5	367	150.0	460.0	4.0	0.0	40.2	35.5
294	200.0	480.0	4.0	0.0	40.2	35.5	368	160.0	460.0	4.0	0.0	40.2	35.5

369	170.0	460.0	4.0	0.0	40.2	35.5	443	130.0	440.0	4.0	0.0	40.2	35.6
370	180.0	460.0	4.0	0.0	40.2	35.5	444	140.0	440.0	4.0	0.0	40.2	35.6
371	190.0	460.0	4.0	0.0	40.2	35.5	445	150.0	440.0	4.0	0.0	40.2	35.6
372	200.0	460.0	4.0	0.0	40.2	35.5	446	160.0	440.0	4.0	0.0	40.2	35.6
373	210.0	460.0	4.0	0.0	40.2	35.5	447	170.0	440.0	4.0	0.0	40.2	35.6
374	220.0	460.0	4.0	0.0	40.2	35.5	448	180.0	440.0	4.0	0.0	40.2	35.6
375	230.0	460.0	4.0	0.0	40.2	35.5	449	190.0	440.0	4.0	0.0	40.2	35.6
376	240.0	460.0	4.0	0.0	40.2	35.5	450	200.0	440.0	4.0	0.0	40.2	35.6
377	250.0	460.0	4.0	0.0	40.2	35.5	451	210.0	440.0	4.0	0.0	40.2	35.6
378	260.0	460.0	4.0	0.0	40.2	35.5	452	220.0	440.0	4.0	0.0	40.2	35.6
379	270.0	460.0	4.0	0.0	40.2	35.5	453	230.0	440.0	4.0	0.0	40.2	35.6
380	280.0	460.0	4.0	0.0	40.2	35.5	454	240.0	440.0	4.0	0.0	40.2	35.6
381	290.0	460.0	4.0	0.0	40.2	35.5	455	250.0	440.0	4.0	0.0	40.2	35.6
382	300.0	460.0	4.0	0.0	40.2	35.5	456	260.0	440.0	4.0	0.0	40.2	35.6
383	310.0	460.0	4.0	0.0	40.2	35.5	457	270.0	440.0	4.0	0.0	40.2	35.6
384	320.0	460.0	4.0	0.0	40.2	35.5	458	280.0	440.0	4.0	0.0	40.2	35.6
385	330.0	460.0	4.0	0.0	40.2	35.4	459	290.0	440.0	4.0	0.0	40.2	35.6
386	340.0	460.0	4.0	0.0	40.1	35.4	460	300.0	440.0	4.0	0.0	40.2	35.5
387	350.0	460.0	4.0	0.0	40.1	35.4	461	310.0	440.0	4.0	0.0	40.2	35.5
388	360.0	460.0	4.0	0.0	40.1	35.4	462	320.0	440.0	4.0	0.0	40.2	35.5
389	370.0	460.0	4.0	0.0	40.1	35.4	463	330.0	440.0	4.0	0.0	40.2	35.5
390	380.0	460.0	4.0	0.0	40.1	35.4	464	340.0	440.0	4.0	0.0	40.2	35.5
391	0.0	450.0	4.0	0.0	40.1	35.4	465	350.0	440.0	4.0	0.0	40.2	35.5
392	10.0	450.0	4.0	0.0	40.1	35.4	466	360.0	440.0	4.0	0.0	40.2	35.5
393	20.0	450.0	4.0	0.0	40.1	35.4	467	370.0	440.0	4.0	0.0	40.1	35.4
394	30.0	450.0	4.0	0.0	40.2	35.4	468	380.0	440.0	4.0	0.0	40.1	35.4
395	40.0	450.0	4.0	0.0	40.2	35.4	469	0.0	430.0	4.0	0.0	40.2	35.4
396	50.0	450.0	4.0	0.0	40.2	35.4	470	10.0	430.0	4.0	0.0	40.2	35.4
397	60.0	450.0	4.0	0.0	40.2	35.4	471	20.0	430.0	4.0	0.0	40.2	35.4
398	70.0	450.0	4.0	0.0	40.2	35.5	472	30.0	430.0	4.0	0.0	40.2	35.5
399	80.0	450.0	4.0	0.0	40.2	35.5	473	40.0	430.0	4.0	0.0	40.2	35.5
400	90.0	450.0	4.0	0.0	40.2	35.5	474	50.0	430.0	4.0	0.0	40.2	35.5
401	100.0	450.0	4.0	0.0	40.2	35.5	475	60.0	430.0	4.0	0.0	40.2	35.5
402	110.0	450.0	4.0	0.0	40.2	35.5	476	70.0	430.0	4.0	0.0	40.2	35.5
403	120.0	450.0	4.0	0.0	40.2	35.5	477	80.0	430.0	4.0	0.0	40.2	35.5
404	130.0	450.0	4.0	0.0	40.2	35.5	478	90.0	430.0	4.0	0.0	40.2	35.6
405	140.0	450.0	4.0	0.0	40.2	35.5	479	100.0	430.0	4.0	0.0	40.2	35.6
406	150.0	450.0	4.0	0.0	40.2	35.5	480	110.0	430.0	4.0	0.0	40.2	35.6
407	160.0	450.0	4.0	0.0	40.2	35.6	481	120.0	430.0	4.0	0.0	40.2	35.6
408	170.0	450.0	4.0	0.0	40.2	35.6	482	130.0	430.0	4.0	0.0	40.2	35.6
409	180.0	450.0	4.0	0.0	40.2	35.6	483	140.0	430.0	4.0	0.0	40.2	35.6
410	190.0	450.0	4.0	0.0	40.2	35.6	484	150.0	430.0	4.0	0.0	40.2	35.6
411	200.0	450.0	4.0	0.0	40.2	35.6	485	160.0	430.0	4.0	0.0	40.2	35.6
412	210.0	450.0	4.0	0.0	40.2	35.6	486	170.0	430.0	4.0	0.0	40.2	35.7
413	220.0	450.0	4.0	0.0	40.2	35.6	487	180.0	430.0	4.0	0.0	40.3	35.7
414	230.0	450.0	4.0	0.0	40.2	35.6	488	190.0	430.0	4.0	0.0	40.3	35.7
415	240.0	450.0	4.0	0.0	40.2	35.6	489	200.0	430.0	4.0	0.0	40.3	35.7
416	250.0	450.0	4.0	0.0	40.2	35.6	490	210.0	430.0	4.0	0.0	40.3	35.7
417	260.0	450.0	4.0	0.0	40.2	35.5	491	220.0	430.0	4.0	0.0	40.3	35.7
418	270.0	450.0	4.0	0.0	40.2	35.5	492	230.0	430.0	4.0	0.0	40.2	35.7
419	280.0	450.0	4.0	0.0	40.2	35.5	493	240.0	430.0	4.0	0.0	40.2	35.6
420	290.0	450.0	4.0	0.0	40.2	35.5	494	250.0	430.0	4.0	0.0	40.2	35.6
421	300.0	450.0	4.0	0.0	40.2	35.5	495	260.0	430.0	4.0	0.0	40.2	35.6
422	310.0	450.0	4.0	0.0	40.2	35.5	496	270.0	430.0	4.0	0.0	40.2	35.6
423	320.0	450.0	4.0	0.0	40.2	35.5	497	280.0	430.0	4.0	0.0	40.2	35.6
424	330.0	450.0	4.0	0.0	40.2	35.5	498	290.0	430.0	4.0	0.0	40.2	35.6
425	340.0	450.0	4.0	0.0	40.2	35.5	499	300.0	430.0	4.0	0.0	40.2	35.6
426	350.0	450.0	4.0	0.0	40.2	35.4	500	310.0	430.0	4.0	0.0	40.2	35.6
427	360.0	450.0	4.0	0.0	40.1	35.4	501	320.0	430.0	4.0	0.0	40.2	35.5
428	370.0	450.0	4.0	0.0	40.1	35.4	502	330.0	430.0	4.0	0.0	40.2	35.5
429	380.0	450.0	4.0	0.0	40.1	35.4	503	340.0	430.0	4.0	0.0	40.2	35.5
430	0.0	440.0	4.0	0.0	40.1	35.4	504	350.0	430.0	4.0	0.0	40.2	35.5
431	10.0	440.0	4.0	0.0	40.2	35.4	505	360.0	430.0	4.0	0.0	40.2	35.5
432	20.0	440.0	4.0	0.0	40.2	35.4	506	370.0	430.0	4.0	0.0	40.2	35.5
433	30.0	440.0	4.0	0.0	40.2	35.4	507	380.0	430.0	4.0	0.0	40.2	35.4
434	40.0	440.0	4.0	0.0	40.2	35.4	508	0.0	420.0	4.0	0.0	40.2	35.4
435	50.0	440.0	4.0	0.0	40.2	35.5	509	10.0	420.0	4.0	0.0	40.2	35.4
436	60.0	440.0	4.0	0.0	40.2	35.5	510	20.0	420.0	4.0	0.0	40.2	35.5
437	70.0	440.0	4.0	0.0	40.2	35.5	511	30.0	420.0	4.0	0.0	40.2	35.5
438	80.0	440.0	4.0	0.0	40.2	35.5	512	40.0	420.0	4.0	0.0	40.2	35.5
439	90.0	440.0	4.0	0.0	40.2	35.5	513	50.0	420.0	4.0	0.0	40.2	35.5
440	100.0	440.0	4.0	0.0	40.2	35.5	514	60.0	420.0	4.0	0.0	40.2	35.5
441	110.0	440.0	4.0	0.0	40.2	35.5	515	70.0	420.0	4.0	0.0	40.2	35.6
442	120.0	440.0	4.0	0.0	40.2	35.6	516	80.0	420.0	4.0	0.0	40.2	35.6

517	90.0	420.0	4.0	0.0	40.2	35.6	591	50.0	400.0	4.0	0.0	40.2	35.6
518	100.0	420.0	4.0	0.0	40.2	35.6	592	60.0	400.0	4.0	0.0	40.2	35.6
519	110.0	420.0	4.0	0.0	40.2	35.6	593	70.0	400.0	4.0	0.0	40.2	35.6
520	120.0	420.0	4.0	0.0	40.2	35.6	594	80.0	400.0	4.0	0.0	40.3	35.7
521	130.0	420.0	4.0	0.0	40.3	35.7	595	90.0	400.0	4.0	0.0	40.3	35.7
522	140.0	420.0	4.0	0.0	40.3	35.7	596	100.0	400.0	4.0	0.0	40.3	35.7
523	150.0	420.0	4.0	0.0	40.3	35.7	597	110.0	400.0	4.0	0.0	40.3	35.7
524	160.0	420.0	4.0	0.0	40.3	35.7	598	120.0	400.0	4.0	0.0	40.3	35.7
525	170.0	420.0	4.0	0.0	40.3	35.7	599	130.0	400.0	4.0	0.0	40.3	35.8
526	180.0	420.0	4.0	0.0	40.3	35.7	600	140.0	400.0	4.0	0.0	40.3	35.8
527	190.0	420.0	4.0	0.0	40.3	35.7	601	150.0	400.0	4.0	0.0	40.3	35.8
528	200.0	420.0	4.0	0.0	40.3	35.7	602	160.0	400.0	4.0	0.0	40.3	35.8
529	210.0	420.0	4.0	0.0	40.3	35.7	603	170.0	400.0	4.0	0.0	40.3	35.8
530	220.0	420.0	4.0	0.0	40.3	35.7	604	180.0	400.0	4.0	0.0	40.3	35.8
531	230.0	420.0	4.0	0.0	40.3	35.7	605	190.0	400.0	4.0	0.0	40.3	35.8
532	240.0	420.0	4.0	0.0	40.3	35.7	606	200.0	400.0	4.0	0.0	40.3	35.8
533	250.0	420.0	4.0	0.0	40.3	35.7	607	210.0	400.0	4.0	0.0	40.3	35.8
534	260.0	420.0	4.0	0.0	40.3	35.7	608	220.0	400.0	4.0	0.0	40.3	35.8
535	270.0	420.0	4.0	0.0	40.2	35.7	609	230.0	400.0	4.0	0.0	40.3	35.8
536	280.0	420.0	4.0	0.0	40.2	35.7	610	240.0	400.0	4.0	0.0	40.3	35.8
537	290.0	420.0	4.0	0.0	40.2	35.6	611	250.0	400.0	4.0	0.0	40.3	35.8
538	300.0	420.0	4.0	0.0	40.2	35.6	612	260.0	400.0	4.0	0.0	40.3	35.8
539	310.0	420.0	4.0	0.0	40.2	35.6	613	270.0	400.0	4.0	0.0	40.3	35.8
540	320.0	420.0	4.0	0.0	40.2	35.6	614	280.0	400.0	4.0	0.0	40.3	35.8
541	330.0	420.0	4.0	0.0	40.2	35.6	615	290.0	400.0	4.0	0.0	40.3	35.7
542	340.0	420.0	4.0	0.0	40.2	35.5	616	300.0	400.0	4.0	0.0	40.3	35.7
543	350.0	420.0	4.0	0.0	40.2	35.5	617	310.0	400.0	4.0	0.0	40.2	35.7
544	360.0	420.0	4.0	0.0	40.2	35.5	618	320.0	400.0	4.0	0.0	40.2	35.7
545	370.0	420.0	4.0	0.0	40.2	35.5	619	330.0	400.0	4.0	0.0	40.2	35.6
546	380.0	420.0	4.0	0.0	40.2	35.5	620	340.0	400.0	4.0	0.0	40.2	35.6
547	0.0	410.0	4.0	0.0	40.2	35.4	621	350.0	400.0	4.0	0.0	40.2	35.6
548	10.0	410.0	4.0	0.0	40.2	35.5	622	360.0	400.0	4.0	0.0	40.2	35.6
549	20.0	410.0	4.0	0.0	40.2	35.5	623	370.0	400.0	4.0	0.0	40.2	35.5
550	30.0	410.0	4.0	0.0	40.2	35.5	624	380.0	400.0	4.0	0.0	40.2	35.5
551	40.0	410.0	4.0	0.0	40.2	35.5	625	0.0	390.0	4.0	0.0	40.2	35.5
552	50.0	410.0	4.0	0.0	40.2	35.5	626	10.0	390.0	4.0	0.0	40.2	35.5
553	60.0	410.0	4.0	0.0	40.2	35.6	627	20.0	390.0	4.0	0.0	40.2	35.5
554	70.0	410.0	4.0	0.0	40.2	35.6	628	30.0	390.0	4.0	0.0	40.2	35.6
555	80.0	410.0	4.0	0.0	40.2	35.6	629	40.0	390.0	4.0	0.0	40.2	35.6
556	90.0	410.0	4.0	0.0	40.2	35.6	630	50.0	390.0	4.0	0.0	40.2	35.6
557	100.0	410.0	4.0	0.0	40.3	35.7	631	60.0	390.0	4.0	0.0	40.3	35.6
558	110.0	410.0	4.0	0.0	40.3	35.7	632	70.0	390.0	4.0	0.0	40.3	35.7
559	120.0	410.0	4.0	0.0	40.3	35.7	633	80.0	390.0	4.0	0.0	40.3	35.7
560	130.0	410.0	4.0	0.0	40.3	35.7	634	90.0	390.0	4.0	0.0	40.3	35.7
561	140.0	410.0	4.0	0.0	40.3	35.7	635	100.0	390.0	4.0	0.0	40.3	35.8
562	150.0	410.0	4.0	0.0	40.3	35.7	636	110.0	390.0	4.0	0.0	40.3	35.8
563	160.0	410.0	4.0	0.0	40.3	35.8	637	120.0	390.0	4.0	0.0	40.3	35.8
564	170.0	410.0	4.0	0.0	40.3	35.8	638	130.0	390.0	4.0	0.0	40.3	35.8
565	180.0	410.0	4.0	0.0	40.3	35.8	639	140.0	390.0	4.0	0.0	40.3	35.8
566	190.0	410.0	4.0	0.0	40.3	35.8	640	150.0	390.0	4.0	0.0	40.3	35.9
567	200.0	410.0	4.0	0.0	40.3	35.8	641	160.0	390.0	4.0	0.0	40.3	35.9
568	210.0	410.0	4.0	0.0	40.3	35.8	642	170.0	390.0	4.0	0.0	40.4	35.9
569	220.0	410.0	4.0	0.0	40.3	35.8	643	180.0	390.0	4.0	0.0	40.4	35.9
570	230.0	410.0	4.0	0.0	40.3	35.8	644	190.0	390.0	4.0	0.0	40.4	35.9
571	240.0	410.0	4.0	0.0	40.3	35.8	645	200.0	390.0	4.0	0.0	40.4	35.9
572	250.0	410.0	4.0	0.0	40.3	35.7	646	210.0	390.0	4.0	0.0	40.4	35.9
573	260.0	410.0	4.0	0.0	40.3	35.7	647	220.0	390.0	4.0	0.0	40.4	35.9
574	270.0	410.0	4.0	0.0	40.3	35.7	648	230.0	390.0	4.0	0.0	40.4	35.9
575	280.0	410.0	4.0	0.0	40.3	35.7	649	240.0	390.0	4.0	0.0	40.3	35.9
576	290.0	410.0	4.0	0.0	40.2	35.7	650	250.0	390.0	4.0	0.0	40.3	35.9
577	300.0	410.0	4.0	0.0	40.2	35.7	651	260.0	390.0	4.0	0.0	40.3	35.9
578	310.0	410.0	4.0	0.0	40.2	35.6	652	270.0	390.0	4.0	0.0	40.3	35.8
579	320.0	410.0	4.0	0.0	40.2	35.6	653	280.0	390.0	4.0	0.0	40.3	35.8
580	330.0	410.0	4.0	0.0	40.2	35.6	654	290.0	390.0	4.0	0.0	40.3	35.8
581	340.0	410.0	4.0	0.0	40.2	35.6	655	300.0	390.0	4.0	0.0	40.3	35.8
582	350.0	410.0	4.0	0.0	40.2	35.6	656	310.0	390.0	4.0	0.0	40.3	35.7
583	360.0	410.0	4.0	0.0	40.2	35.5	657	320.0	390.0	4.0	0.0	40.3	35.7
584	370.0	410.0	4.0	0.0	40.2	35.5	658	330.0	390.0	4.0	0.0	40.2	35.7
585	380.0	410.0	4.0	0.0	40.2	35.5	659	340.0	390.0	4.0	0.0	40.2	35.7
586	0.0	400.0	4.0	0.0	40.2	35.5	660	350.0	390.0	4.0	0.0	40.2	35.6
587	10.0	400.0	4.0	0.0	40.2	35.5	661	360.0	390.0	4.0	0.0	40.2	35.6
588	20.0	400.0	4.0	0.0	40.2	35.5	662	370.0	390.0	4.0	0.0	40.2	35.6
589	30.0	400.0	4.0	0.0	40.2	35.5	663	380.0	390.0	4.0	0.0	40.2	35.6
590	40.0	400.0	4.0	0.0	40.2	35.6	664	0.0	380.0	4.0	0.0	40.2	35.5

665	10.0	380.0	4.0	0.0	40.2	35.5	739	360.0	370.0	4.0	0.0	40.2	35.7
666	20.0	380.0	4.0	0.0	40.2	35.6	740	370.0	370.0	4.0	0.0	40.2	35.7
667	30.0	380.0	4.0	0.0	40.2	35.6	741	380.0	370.0	4.0	0.0	40.2	35.6
668	40.0	380.0	4.0	0.0	40.2	35.6	742	0.0	360.0	4.0	0.0	40.2	35.6
669	50.0	380.0	4.0	0.0	40.3	35.7	743	10.0	360.0	4.0	0.0	40.2	35.6
670	60.0	380.0	4.0	0.0	40.3	35.7	744	20.0	360.0	4.0	0.0	40.2	35.6
671	70.0	380.0	4.0	0.0	40.3	35.7	745	30.0	360.0	4.0	0.0	40.3	35.7
672	80.0	380.0	4.0	0.0	40.3	35.8	746	40.0	360.0	4.0	0.0	40.3	35.7
673	90.0	380.0	4.0	0.0	40.3	35.8	747	50.0	360.0	4.0	0.0	40.3	35.7
674	100.0	380.0	4.0	0.0	40.3	35.8	748	60.0	360.0	4.0	0.0	40.3	35.8
675	110.0	380.0	4.0	0.0	40.3	35.8	749	70.0	360.0	4.0	0.0	40.3	35.8
676	120.0	380.0	4.0	0.0	40.3	35.9	750	80.0	360.0	4.0	0.0	40.3	35.9
677	130.0	380.0	4.0	0.0	40.4	35.9	751	90.0	360.0	4.0	0.0	40.4	35.9
678	140.0	380.0	4.0	0.0	40.4	35.9	752	100.0	360.0	4.0	0.0	40.4	35.9
679	150.0	380.0	4.0	0.0	40.4	35.9	753	110.0	360.0	4.0	0.0	40.4	36.0
680	160.0	380.0	4.0	0.0	40.4	36.0	754	120.0	360.0	4.0	0.0	40.4	36.0
681	170.0	380.0	4.0	0.0	40.4	36.0	755	130.0	360.0	4.0	0.0	40.4	36.1
682	180.0	380.0	4.0	0.0	40.4	36.0	756	140.0	360.0	4.0	0.0	40.4	36.1
683	190.0	380.0	4.0	0.0	40.4	36.0	757	150.0	360.0	4.0	0.0	40.4	36.1
684	200.0	380.0	4.0	0.0	40.4	36.0	758	160.0	360.0	4.0	0.0	40.5	36.2
685	210.0	380.0	4.0	0.0	40.4	36.0	759	170.0	360.0	4.0	0.0	40.5	36.2
686	220.0	380.0	4.0	0.0	40.4	36.0	760	180.0	360.0	4.0	0.0	40.5	36.2
687	230.0	380.0	4.0	0.0	40.4	36.0	761	190.0	360.0	4.0	0.0	40.5	36.2
688	240.0	380.0	4.0	0.0	40.4	36.0	762	200.0	360.0	4.0	0.0	40.5	36.2
689	250.0	380.0	4.0	0.0	40.4	36.0	763	210.0	360.0	4.0	0.0	40.5	36.2
690	260.0	380.0	4.0	0.0	40.4	35.9	764	220.0	360.0	4.0	0.0	40.5	36.2
691	270.0	380.0	4.0	0.0	40.3	35.9	765	230.0	360.0	4.0	0.0	40.5	36.2
692	280.0	380.0	4.0	0.0	40.3	35.9	766	240.0	360.0	4.0	0.0	40.5	36.2
693	290.0	380.0	4.0	0.0	40.3	35.9	767	250.0	360.0	4.0	0.0	40.4	36.1
694	300.0	380.0	4.0	0.0	40.3	35.8	768	260.0	360.0	4.0	0.0	40.4	36.1
695	310.0	380.0	4.0	0.0	40.3	35.8	769	270.0	360.0	4.0	0.0	40.4	36.1
696	320.0	380.0	4.0	0.0	40.3	35.8	770	280.0	360.0	4.0	0.0	40.4	36.0
697	330.0	380.0	4.0	0.0	40.3	35.7	771	290.0	360.0	4.0	0.0	40.4	36.0
698	340.0	380.0	4.0	0.0	40.2	35.7	772	300.0	360.0	4.0	0.0	40.3	36.0
699	350.0	380.0	4.0	0.0	40.2	35.7	773	310.0	360.0	4.0	0.0	40.3	35.9
700	360.0	380.0	4.0	0.0	40.2	35.6	774	320.0	360.0	4.0	0.0	40.3	35.9
701	370.0	380.0	4.0	0.0	40.2	35.6	775	330.0	360.0	4.0	0.0	40.3	35.8
702	380.0	380.0	4.0	0.0	40.2	35.6	776	340.0	360.0	4.0	0.0	40.3	35.8
703	0.0	370.0	4.0	0.0	40.2	35.5	777	350.0	360.0	4.0	0.0	40.3	35.8
704	10.0	370.0	4.0	0.0	40.2	35.6	778	360.0	360.0	4.0	0.0	40.3	35.7
705	20.0	370.0	4.0	0.0	40.2	35.6	779	370.0	360.0	4.0	0.0	40.2	35.7
706	30.0	370.0	4.0	0.0	40.2	35.6	780	380.0	360.0	4.0	0.0	40.2	35.7
707	40.0	370.0	4.0	0.0	40.3	35.7	781	0.0	350.0	4.0	0.0	40.2	35.6
708	50.0	370.0	4.0	0.0	40.3	35.7	782	10.0	350.0	4.0	0.0	40.2	35.6
709	60.0	370.0	4.0	0.0	40.3	35.7	783	20.0	350.0	4.0	0.0	40.3	35.7
710	70.0	370.0	4.0	0.0	40.3	35.8	784	30.0	350.0	4.0	0.0	40.3	35.7
711	80.0	370.0	4.0	0.0	40.3	35.8	785	40.0	350.0	4.0	0.0	40.3	35.8
712	90.0	370.0	4.0	0.0	40.3	35.8	786	50.0	350.0	4.0	0.0	40.3	35.8
713	100.0	370.0	4.0	0.0	40.3	35.9	787	60.0	350.0	4.0	0.0	40.3	35.8
714	110.0	370.0	4.0	0.0	40.4	35.9	788	70.0	350.0	4.0	0.0	40.3	35.9
715	120.0	370.0	4.0	0.0	40.4	35.9	789	80.0	350.0	4.0	0.0	40.4	35.9
716	130.0	370.0	4.0	0.0	40.4	36.0	790	90.0	350.0	4.0	0.0	40.4	36.0
717	140.0	370.0	4.0	0.0	40.4	36.0	791	100.0	350.0	4.0	0.0	40.4	36.0
718	150.0	370.0	4.0	0.0	40.4	36.0	792	110.0	350.0	4.0	0.0	40.4	36.1
719	160.0	370.0	4.0	0.0	40.4	36.1	793	120.0	350.0	4.0	0.0	40.4	36.1
720	170.0	370.0	4.0	0.0	40.4	36.1	794	130.0	350.0	4.0	0.0	40.5	36.2
721	180.0	370.0	4.0	0.0	40.4	36.1	795	140.0	350.0	4.0	0.0	40.5	36.2
722	190.0	370.0	4.0	0.0	40.4	36.1	796	150.0	350.0	4.0	0.0	40.5	36.2
723	200.0	370.0	4.0	0.0	40.4	36.1	797	160.0	350.0	4.0	0.0	40.5	36.3
724	210.0	370.0	4.0	0.0	40.4	36.1	798	170.0	350.0	4.0	0.0	40.5	36.3
725	220.0	370.0	4.0	0.0	40.4	36.1	799	180.0	350.0	4.0	0.0	40.5	36.3
726	230.0	370.0	4.0	0.0	40.4	36.1	800	190.0	350.0	4.0	0.0	40.5	36.3
727	240.0	370.0	4.0	0.0	40.4	36.1	801	200.0	350.0	4.0	0.0	40.5	36.3
728	250.0	370.0	4.0	0.0	40.4	36.0	802	210.0	350.0	4.0	0.0	40.5	36.3
729	260.0	370.0	4.0	0.0	40.4	36.0	803	220.0	350.0	4.0	0.0	40.5	36.3
730	270.0	370.0	4.0	0.0	40.4	36.0	804	230.0	350.0	4.0	0.0	40.5	36.3
731	280.0	370.0	4.0	0.0	40.4	36.0	805	240.0	350.0	4.0	0.0	40.5	36.3
732	290.0	370.0	4.0	0.0	40.3	35.9	806	250.0	350.0	4.0	0.0	40.5	36.2
733	300.0	370.0	4.0	0.0	40.3	35.9	807	260.0	350.0	4.0	0.0	40.4	36.2
734	310.0	370.0	4.0	0.0	40.3	35.9	808	270.0	350.0	4.0	0.0	40.4	36.1
735	320.0	370.0	4.0	0.0	40.3	35.8	809	280.0	350.0	4.0	0.0	40.4	36.1
736	330.0	370.0	4.0	0.0	40.3	35.8	810	290.0	350.0	4.0	0.0	40.4	36.1
737	340.0	370.0	4.0	0.0	40.3	35.8	811	300.0	350.0	4.0	0.0	40.4	36.0
738	350.0	370.0	4.0	0.0	40.3	35.7	812	310.0	350.0	4.0	0.0	40.4	36.0

813	320.0	350.0	4.0	0.0	40.3	36.0	887	280.0	330.0	4.0	0.0	40.5	36.3
814	330.0	350.0	4.0	0.0	40.3	35.9	888	290.0	330.0	4.0	0.0	40.5	36.2
815	340.0	350.0	4.0	0.0	40.3	35.9	889	300.0	330.0	4.0	0.0	40.4	36.2
816	350.0	350.0	4.0	0.0	40.3	35.8	890	310.0	330.0	4.0	0.0	40.4	36.1
817	360.0	350.0	4.0	0.0	40.3	35.8	891	320.0	330.0	4.0	0.0	40.4	36.1
818	370.0	350.0	4.0	0.0	40.3	35.7	892	330.0	330.0	4.0	0.0	40.4	36.0
819	380.0	350.0	4.0	0.0	40.2	35.7	893	340.0	330.0	4.0	0.0	40.4	36.0
820	0.0	340.0	4.0	0.0	40.2	35.6	894	350.0	330.0	4.0	0.0	40.3	35.9
821	10.0	340.0	4.0	0.0	40.3	35.7	895	360.0	330.0	4.0	0.0	40.3	35.9
822	20.0	340.0	4.0	0.0	40.3	35.7	896	370.0	330.0	4.0	0.0	40.3	35.8
823	30.0	340.0	4.0	0.0	40.3	35.8	897	380.0	330.0	4.0	0.0	40.3	35.8
824	40.0	340.0	4.0	0.0	40.3	35.8	898	0.0	320.0	4.0	0.0	40.3	35.7
825	50.0	340.0	4.0	0.0	40.3	35.8	899	10.0	320.0	4.0	0.0	40.3	35.7
826	60.0	340.0	4.0	0.0	40.4	35.9	900	20.0	320.0	4.0	0.0	40.3	35.8
827	70.0	340.0	4.0	0.0	40.4	35.9	901	30.0	320.0	4.0	0.0	40.3	35.8
828	80.0	340.0	4.0	0.0	40.4	36.0	902	40.0	320.0	4.0	0.0	40.4	35.9
829	90.0	340.0	4.0	0.0	40.4	36.1	903	50.0	320.0	4.0	0.0	40.4	36.0
830	100.0	340.0	4.0	0.0	40.4	36.1	904	60.0	320.0	4.0	0.0	40.4	36.0
831	110.0	340.0	4.0	0.0	40.5	36.2	905	70.0	320.0	4.0	0.0	40.4	36.1
832	120.0	340.0	4.0	0.0	40.5	36.2	906	80.0	320.0	4.0	0.0	40.5	36.2
833	130.0	340.0	4.0	0.0	40.5	36.3	907	90.0	320.0	4.0	0.0	40.5	36.2
834	140.0	340.0	4.0	0.0	40.5	36.3	908	100.0	320.0	4.0	0.0	40.5	36.3
835	150.0	340.0	4.0	0.0	40.6	36.4	909	110.0	320.0	4.0	0.0	40.6	36.4
836	160.0	340.0	4.0	0.0	40.6	36.4	910	120.0	320.0	4.0	0.0	40.6	36.5
837	170.0	340.0	4.0	0.0	40.6	36.4	911	130.0	320.0	4.0	0.0	40.6	36.5
838	180.0	340.0	4.0	0.0	40.6	36.5	912	140.0	320.0	4.0	0.0	40.7	36.6
839	190.0	340.0	4.0	0.0	40.6	36.5	913	150.0	320.0	4.0	0.0	40.7	36.7
840	200.0	340.0	4.0	0.0	40.6	36.5	914	160.0	320.0	4.0	0.0	40.7	36.7
841	210.0	340.0	4.0	0.0	40.6	36.5	915	170.0	320.0	4.0	0.0	40.7	36.8
842	220.0	340.0	4.0	0.0	40.6	36.5	916	180.0	320.0	4.0	0.0	40.8	36.8
843	230.0	340.0	4.0	0.0	40.6	36.5	917	190.0	320.0	4.0	0.0	40.8	36.8
844	240.0	340.0	4.0	0.0	40.5	36.4	918	200.0	320.0	4.0	0.0	40.8	36.9
845	250.0	340.0	4.0	0.0	40.5	36.3	919	210.0	320.0	4.0	0.0	40.8	36.9
846	260.0	340.0	4.0	0.0	40.5	36.3	920	220.0	320.0	4.0	0.0	40.8	36.8
847	270.0	340.0	4.0	0.0	40.5	36.2	921	230.0	320.0	4.0	0.0	40.7	36.8
848	280.0	340.0	4.0	0.0	40.4	36.2	922	240.0	320.0	4.0	0.0	40.6	36.5
849	290.0	340.0	4.0	0.0	40.4	36.1	923	250.0	320.0	4.0	0.0	40.6	36.6
850	300.0	340.0	4.0	0.0	40.4	36.1	924	260.0	320.0	4.0	0.0	40.6	36.5
851	310.0	340.0	4.0	0.0	40.4	36.0	925	270.0	320.0	4.0	0.0	40.5	36.4
852	320.0	340.0	4.0	0.0	40.4	36.0	926	280.0	320.0	4.0	0.0	40.5	36.4
853	330.0	340.0	4.0	0.0	40.3	36.0	927	290.0	320.0	4.0	0.0	40.5	36.3
854	340.0	340.0	4.0	0.0	40.3	35.9	928	300.0	320.0	4.0	0.0	40.4	36.2
855	350.0	340.0	4.0	0.0	40.3	35.9	929	310.0	320.0	4.0	0.0	40.5	36.3
856	360.0	340.0	4.0	0.0	40.3	35.8	930	320.0	320.0	4.0	0.0	40.4	36.2
857	370.0	340.0	4.0	0.0	40.3	35.8	931	330.0	320.0	4.0	0.0	40.4	36.1
858	380.0	340.0	4.0	0.0	40.3	35.7	932	340.0	320.0	4.0	0.0	40.4	36.1
859	0.0	330.0	4.0	0.0	40.3	35.7	933	350.0	320.0	4.0	0.0	40.4	36.0
860	10.0	330.0	4.0	0.0	40.3	35.7	934	360.0	320.0	4.0	0.0	40.3	35.9
861	20.0	330.0	4.0	0.0	40.3	35.7	935	370.0	320.0	4.0	0.0	40.3	35.9
862	30.0	330.0	4.0	0.0	40.3	35.8	936	380.0	320.0	4.0	0.0	40.3	35.8
863	40.0	330.0	4.0	0.0	40.3	35.8	937	0.0	310.0	4.0	0.0	40.3	35.7
864	50.0	330.0	4.0	0.0	40.4	35.9	938	10.0	310.0	4.0	0.0	40.3	35.8
865	60.0	330.0	4.0	0.0	40.4	36.0	939	20.0	310.0	4.0	0.0	40.3	35.8
866	70.0	330.0	4.0	0.0	40.4	36.0	940	30.0	310.0	4.0	0.0	40.4	35.9
867	80.0	330.0	4.0	0.0	40.4	36.1	941	40.0	310.0	4.0	0.0	40.4	36.0
868	90.0	330.0	4.0	0.0	40.5	36.1	942	50.0	310.0	4.0	0.0	40.4	36.0
869	100.0	330.0	4.0	0.0	40.5	36.2	943	60.0	310.0	4.0	0.0	40.4	36.1
870	110.0	330.0	4.0	0.0	40.5	36.3	944	70.0	310.0	4.0	0.0	40.5	36.2
871	120.0	330.0	4.0	0.0	40.5	36.3	945	80.0	310.0	4.0	0.0	40.5	36.2
872	130.0	330.0	4.0	0.0	40.6	36.4	946	90.0	310.0	4.0	0.0	40.5	36.3
873	140.0	330.0	4.0	0.0	40.6	36.4	947	100.0	310.0	4.0	0.0	40.6	36.4
874	150.0	330.0	4.0	0.0	40.6	36.5	948	110.0	310.0	4.0	0.0	40.6	36.5
875	160.0	330.0	4.0	0.0	40.6	36.6	949	120.0	310.0	4.0	0.0	40.7	36.6
876	170.0	330.0	4.0	0.0	40.7	36.6	950	130.0	310.0	4.0	0.0	40.7	36.7
877	180.0	330.0	4.0	0.0	40.7	36.6	951	140.0	310.0	4.0	0.0	40.7	36.8
878	190.0	330.0	4.0	0.0	40.7	36.6	952	150.0	310.0	4.0	0.0	40.8	36.9
879	200.0	330.0	4.0	0.0	40.7	36.7	953	160.0	310.0	4.0	0.0	40.8	36.9
880	210.0	330.0	4.0	0.0	40.7	36.7	954	170.0	310.0	4.0	0.0	40.8	37.0
881	220.0	330.0	4.0	0.0	40.7	36.6	955	180.0	310.0	4.0	0.0	40.9	37.0
882	230.0	330.0	4.0	0.0	40.7	36.6	956	190.0	310.0	4.0	0.0	40.9	37.1
883	240.0	330.0	4.0	0.0	40.6	36.4	957	200.0	310.0	4.0	0.0	40.9	37.1
884	250.0	330.0	4.0	0.0	40.5	36.4	958	210.0	310.0	4.0	0.0	40.9	37.1
885	260.0	330.0	4.0	0.0	40.5	36.4	959	220.0	310.0	4.0	0.0	40.9	37.1
886	270.0	330.0	4.0	0.0	40.5	36.3	960	230.0	310.0	4.0	0.0	40.7	36.8

961	240.0	310.0	4.0	0.0	40.7	36.7	1035	200.0	290.0	4.0	0.0	41.2	37.7
962	250.0	310.0	4.0	0.0	40.7	36.7	1036	210.0	290.0	4.0	0.0	41.2	37.7
963	260.0	310.0	4.0	0.0	40.6	36.6	1037	220.0	290.0	4.0	0.0	41.2	37.7
964	270.0	310.0	4.0	0.0	40.6	36.5	1038	230.0	290.0	4.0	0.0	41.0	37.2
965	280.0	310.0	4.0	0.0	40.6	36.5	1039	240.0	290.0	4.0	0.0	40.9	37.2
966	290.0	310.0	4.0	0.0	40.5	36.4	1040	250.0	290.0	4.0	0.0	40.8	37.1
967	300.0	310.0	4.0	0.0	40.5	36.3	1041	260.0	290.0	4.0	0.0	40.8	36.9
968	310.0	310.0	4.0	0.0	40.5	36.4	1042	270.0	290.0	4.0	0.0	40.7	36.8
969	320.0	310.0	4.0	0.0	40.5	36.3	1043	280.0	290.0	4.0	0.0	40.7	36.7
970	330.0	310.0	4.0	0.0	40.4	36.2	1044	290.0	290.0	4.0	0.0	40.6	36.6
971	340.0	310.0	4.0	0.0	40.4	36.1	1045	300.0	290.0	4.0	0.0	40.7	36.7
972	350.0	310.0	4.0	0.0	40.4	36.1	1046	310.0	290.0	4.0	0.0	40.6	36.6
973	360.0	310.0	4.0	0.0	40.3	36.0	1047	320.0	290.0	4.0	0.0	40.6	36.5
974	370.0	310.0	4.0	0.0	40.3	35.9	1048	330.0	290.0	4.0	0.0	40.5	36.4
975	380.0	310.0	4.0	0.0	40.3	35.9	1049	340.0	290.0	4.0	0.0	40.5	36.3
976	0.0	300.0	4.0	0.0	40.3	35.8	1050	350.0	290.0	4.0	0.0	40.4	36.2
977	10.0	300.0	4.0	0.0	40.3	35.8	1051	360.0	290.0	4.0	0.0	40.4	36.1
978	20.0	300.0	4.0	0.0	40.3	35.9	1052	370.0	290.0	4.0	0.0	40.4	36.0
979	30.0	300.0	4.0	0.0	40.4	35.9	1053	380.0	290.0	4.0	0.0	40.3	35.9
980	40.0	300.0	4.0	0.0	40.4	36.0	1054	0.0	280.0	4.0	0.0	40.3	35.8
981	50.0	300.0	4.0	0.0	40.4	36.1	1055	10.0	280.0	4.0	0.0	40.4	35.9
982	60.0	300.0	4.0	0.0	40.5	36.2	1056	20.0	280.0	4.0	0.0	40.4	36.0
983	70.0	300.0	4.0	0.0	40.5	36.2	1057	30.0	280.0	4.0	0.0	40.4	36.0
984	80.0	300.0	4.0	0.0	40.5	36.3	1058	40.0	280.0	4.0	0.0	40.5	36.1
985	90.0	300.0	4.0	0.0	40.6	36.4	1059	50.0	280.0	4.0	0.0	40.5	36.2
986	100.0	300.0	4.0	0.0	40.6	36.5	1060	60.0	280.0	4.0	0.0	40.5	36.3
987	110.0	300.0	4.0	0.0	40.7	36.6	1061	70.0	280.0	4.0	0.0	40.6	36.4
988	120.0	300.0	4.0	0.0	40.7	36.7	1062	80.0	280.0	4.0	0.0	40.6	36.5
989	130.0	300.0	4.0	0.0	40.8	36.9	1063	90.0	280.0	4.0	0.0	40.7	36.7
990	140.0	300.0	4.0	0.0	40.8	37.0	1064	100.0	280.0	4.0	0.0	40.8	36.8
991	150.0	300.0	4.0	0.0	40.9	37.1	1065	110.0	280.0	4.0	0.0	40.8	37.0
992	160.0	300.0	4.0	0.0	40.9	37.2	1066	120.0	280.0	4.0	0.0	40.9	37.1
993	170.0	300.0	4.0	0.0	41.0	37.2	1067	130.0	280.0	4.0	0.0	41.0	37.3
994	180.0	300.0	4.0	0.0	41.0	37.3	1068	140.0	280.0	4.0	0.0	41.1	37.4
995	190.0	300.0	4.0	0.0	41.0	37.3	1069	150.0	280.0	4.0	0.0	41.1	37.6
996	200.0	300.0	4.0	0.0	41.0	37.4	1070	160.0	280.0	4.0	0.0	41.2	37.7
997	210.0	300.0	4.0	0.0	41.0	37.4	1071	170.0	280.0	4.0	0.0	41.3	37.9
998	220.0	300.0	4.0	0.0	41.0	37.3	1072	180.0	280.0	4.0	0.0	41.3	38.0
999	230.0	300.0	4.0	0.0	40.8	37.0	1073	190.0	280.0	4.0	0.0	41.4	38.1
1000	240.0	300.0	4.0	0.0	40.8	36.9	1074	200.0	280.0	4.0	0.0	41.4	38.1
1001	250.0	300.0	4.0	0.0	40.7	36.8	1075	210.0	280.0	4.0	0.0	41.4	38.1
1002	260.0	300.0	4.0	0.0	40.7	36.8	1076	220.0	280.0	4.0	0.0	41.2	37.8
1003	270.0	300.0	4.0	0.0	40.6	36.7	1077	230.0	280.0	4.0	0.0	41.1	37.5
1004	280.0	300.0	4.0	0.0	40.6	36.6	1078	240.0	280.0	4.0	0.0	41.0	37.4
1005	290.0	300.0	4.0	0.0	40.6	36.5	1079	250.0	280.0	4.0	0.0	41.0	37.4
1006	300.0	300.0	4.0	0.0	40.5	36.4	1080	260.0	280.0	4.0	0.0	40.9	37.2
1007	310.0	300.0	4.0	0.0	40.6	36.5	1081	270.0	280.0	4.0	0.0	40.8	37.1
1008	320.0	300.0	4.0	0.0	40.5	36.4	1082	280.0	280.0	4.0	0.0	40.7	36.9
1009	330.0	300.0	4.0	0.0	40.5	36.3	1083	290.0	280.0	4.0	0.0	40.7	36.7
1010	340.0	300.0	4.0	0.0	40.4	36.2	1084	300.0	280.0	4.0	0.0	40.7	36.9
1011	350.0	300.0	4.0	0.0	40.4	36.1	1085	310.0	280.0	4.0	0.0	40.7	36.8
1012	360.0	300.0	4.0	0.0	40.4	36.0	1086	320.0	280.0	4.0	0.0	40.6	36.6
1013	370.0	300.0	4.0	0.0	40.3	36.0	1087	330.0	280.0	4.0	0.0	40.5	36.5
1014	380.0	300.0	4.0	0.0	40.3	35.9	1088	340.0	280.0	4.0	0.0	40.5	36.4
1015	0.0	290.0	4.0	0.0	40.3	35.8	1089	350.0	280.0	4.0	0.0	40.5	36.3
1016	10.0	290.0	4.0	0.0	40.3	35.9	1090	360.0	280.0	4.0	0.0	40.4	36.2
1017	20.0	290.0	4.0	0.0	40.4	35.9	1091	370.0	280.0	4.0	0.0	40.4	36.1
1018	30.0	290.0	4.0	0.0	40.4	36.0	1092	380.0	280.0	4.0	0.0	40.4	36.0
1019	40.0	290.0	4.0	0.0	40.4	36.1	1093	0.0	270.0	4.0	0.0	40.3	35.9
1020	50.0	290.0	4.0	0.0	40.5	36.1	1094	10.0	270.0	4.0	0.0	40.4	35.9
1021	60.0	290.0	4.0	0.0	40.5	36.2	1095	20.0	270.0	4.0	0.0	40.4	36.0
1022	70.0	290.0	4.0	0.0	40.5	36.3	1096	30.0	270.0	4.0	0.0	40.4	36.1
1023	80.0	290.0	4.0	0.0	40.6	36.4	1097	40.0	270.0	4.0	0.0	40.5	36.2
1024	90.0	290.0	4.0	0.0	40.6	36.5	1098	50.0	270.0	4.0	0.0	40.5	36.3
1025	100.0	290.0	4.0	0.0	40.7	36.7	1099	60.0	270.0	4.0	0.0	40.6	36.4
1026	110.0	290.0	4.0	0.0	40.8	36.8	1100	70.0	270.0	4.0	0.0	40.6	36.5
1027	120.0	290.0	4.0	0.0	40.8	36.9	1101	80.0	270.0	4.0	0.0	40.7	36.7
1028	130.0	290.0	4.0	0.0	40.9	37.1	1102	90.0	270.0	4.0	0.0	40.8	36.8
1029	140.0	290.0	4.0	0.0	40.9	37.2	1103	100.0	270.0	4.0	0.0	40.8	37.0
1030	150.0	290.0	4.0	0.0	41.0	37.3	1104	110.0	270.0	4.0	0.0	40.9	37.1
1031	160.0	290.0	4.0	0.0	41.1	37.4	1105	120.0	270.0	4.0	0.0	41.0	37.3
1032	170.0	290.0	4.0	0.0	41.1	37.5	1106	130.0	270.0	4.0	0.0	41.1	37.5
1033	180.0	290.0	4.0	0.0	41.2	37.6	1107	140.0	270.0	4.0	0.0	41.2	37.7
1034	190.0	290.0	4.0	0.0	41.2	37.7	1108	150.0	270.0	4.0	0.0	41.3	37.9

1109	160.0	270.0	4.0	0.0	41.4	38.1	1183	120.0	250.0	4.0	0.0	41.3	37.8
1110	170.0	270.0	4.0	0.0	41.5	38.3	1184	130.0	250.0	4.0	0.0	41.4	38.1
1111	180.0	270.0	4.0	0.0	41.6	38.4	1185	140.0	250.0	4.0	0.0	41.6	38.4
1112	190.0	270.0	4.0	0.0	41.6	38.5	1186	150.0	250.0	4.0	0.0	41.8	38.7
1113	200.0	270.0	4.0	0.0	41.7	38.6	1187	160.0	250.0	4.0	0.0	42.0	39.0
1114	210.0	270.0	4.0	0.0	41.7	38.6	1188	170.0	250.0	4.0	0.0	42.1	39.3
1115	220.0	270.0	4.0	0.0	41.4	38.0	1189	180.0	250.0	4.0	0.0	42.3	39.6
1116	230.0	270.0	4.0	0.0	41.3	37.9	1190	190.0	250.0	4.0	0.0	42.4	39.8
1117	240.0	270.0	4.0	0.0	41.2	37.8	1191	200.0	250.0	4.0	0.0	42.3	39.6
1118	250.0	270.0	4.0	0.0	41.1	37.6	1192	210.0	250.0	4.0	0.0	42.1	39.1
1119	260.0	270.0	4.0	0.0	41.0	37.4	1193	220.0	250.0	4.0	0.0	41.8	38.7
1120	270.0	270.0	4.0	0.0	40.9	37.2	1194	230.0	250.0	4.0	0.0	41.6	38.5
1121	280.0	270.0	4.0	0.0	40.8	37.1	1195	240.0	250.0	4.0	0.0	41.4	38.3
1122	290.0	270.0	4.0	0.0	40.7	36.9	1196	250.0	250.0	4.0	0.0	41.5	38.3
1123	300.0	270.0	4.0	0.0	40.8	37.1	1197	260.0	250.0	4.0	0.0	41.3	38.0
1124	310.0	270.0	4.0	0.0	40.7	36.9	1198	270.0	250.0	4.0	0.0	41.2	37.8
1125	320.0	270.0	4.0	0.0	40.7	36.7	1199	280.0	250.0	4.0	0.0	41.0	37.5
1126	330.0	270.0	4.0	0.0	40.6	36.6	1200	290.0	250.0	4.0	0.0	41.1	37.7
1127	340.0	270.0	4.0	0.0	40.5	36.5	1201	300.0	250.0	4.0	0.0	41.0	37.4
1128	350.0	270.0	4.0	0.0	40.5	36.3	1202	310.0	250.0	4.0	0.0	40.9	37.2
1129	360.0	270.0	4.0	0.0	40.4	36.2	1203	320.0	250.0	4.0	0.0	40.8	37.0
1130	370.0	270.0	4.0	0.0	40.4	36.1	1204	330.0	250.0	4.0	0.0	40.7	36.8
1131	380.0	270.0	4.0	0.0	40.4	36.0	1205	340.0	250.0	4.0	0.0	40.6	36.6
1132	0.0	260.0	4.0	0.0	40.4	35.9	1206	350.0	250.0	4.0	0.0	40.5	36.5
1133	10.0	260.0	4.0	0.0	40.4	36.0	1207	360.0	250.0	4.0	0.0	40.5	36.3
1134	20.0	260.0	4.0	0.0	40.4	36.0	1208	370.0	250.0	4.0	0.0	40.4	36.2
1135	30.0	260.0	4.0	0.0	40.5	36.1	1209	380.0	250.0	4.0	0.0	40.4	36.1
1136	40.0	260.0	4.0	0.0	40.5	36.2	1210	0.0	240.0	4.0	0.0	40.4	35.9
1137	50.0	260.0	4.0	0.0	40.6	36.3	1211	10.0	240.0	4.0	0.0	40.4	36.0
1138	60.0	260.0	4.0	0.0	40.6	36.5	1212	20.0	240.0	4.0	0.0	40.5	36.1
1139	70.0	260.0	4.0	0.0	40.7	36.6	1213	30.0	240.0	4.0	0.0	40.5	36.2
1140	80.0	260.0	4.0	0.0	40.8	36.8	1214	40.0	240.0	4.0	0.0	40.6	36.3
1141	90.0	260.0	4.0	0.0	40.8	36.9	1215	50.0	240.0	4.0	0.0	40.6	36.5
1142	100.0	260.0	4.0	0.0	40.9	37.1	1216	60.0	240.0	4.0	0.0	40.7	36.6
1143	110.0	260.0	4.0	0.0	41.0	37.3	1217	70.0	240.0	4.0	0.0	40.8	36.8
1144	120.0	260.0	4.0	0.0	41.1	37.5	1218	80.0	240.0	4.0	0.0	40.9	37.0
1145	130.0	260.0	4.0	0.0	41.3	37.8	1219	90.0	240.0	4.0	0.0	41.0	37.2
1146	140.0	260.0	4.0	0.0	41.4	38.0	1220	100.0	240.0	4.0	0.0	41.1	37.5
1147	150.0	260.0	4.0	0.0	41.5	38.3	1221	110.0	240.0	4.0	0.0	41.2	37.7
1148	160.0	260.0	4.0	0.0	41.7	38.5	1222	120.0	240.0	4.0	0.0	41.4	38.0
1149	170.0	260.0	4.0	0.0	41.8	38.8	1223	130.0	240.0	4.0	0.0	41.6	38.4
1150	180.0	260.0	4.0	0.0	41.9	39.0	1224	140.0	240.0	4.0	0.0	41.8	38.8
1151	190.0	260.0	4.0	0.0	42.0	39.1	1225	150.0	240.0	4.0	0.0	42.1	39.2
1152	200.0	260.0	4.0	0.0	41.9	38.9	1226	160.0	240.0	4.0	0.0	42.3	39.6
1153	210.0	260.0	4.0	0.0	41.9	38.9	1227	170.0	240.0	4.0	0.0	42.6	40.0
1154	220.0	260.0	4.0	0.0	41.6	38.4	1228	180.0	240.0	4.0	0.0	42.8	40.4
1155	230.0	260.0	4.0	0.0	41.5	38.3	1229	190.0	240.0	4.0	0.0	42.6	39.8
1156	240.0	260.0	4.0	0.0	41.3	38.1	1230	200.0	240.0	4.0	0.0	42.7	40.0
1157	250.0	260.0	4.0	0.0	41.3	38.0	1231	210.0	240.0	4.0	0.0	42.6	39.7
1158	260.0	260.0	4.0	0.0	41.1	37.8	1232	220.0	240.0	4.0	0.0	42.3	39.6
1159	270.0	260.0	4.0	0.0	41.0	37.5	1233	230.0	240.0	4.0	0.0	42.1	39.3
1160	280.0	260.0	4.0	0.0	40.9	37.3	1234	240.0	240.0	4.0	0.0	41.8	38.9
1161	290.0	260.0	4.0	0.0	40.9	37.3	1235	250.0	240.0	4.0	0.0	41.5	38.5
1162	300.0	260.0	4.0	0.0	40.9	37.2	1236	260.0	240.0	4.0	0.0	41.3	38.1
1163	310.0	260.0	4.0	0.0	40.8	37.0	1237	270.0	240.0	4.0	0.0	41.3	38.0
1164	320.0	260.0	4.0	0.0	40.7	36.9	1238	280.0	240.0	4.0	0.0	41.1	37.7
1165	330.0	260.0	4.0	0.0	40.6	36.7	1239	290.0	240.0	4.0	0.0	41.2	37.9
1166	340.0	260.0	4.0	0.0	40.6	36.5	1240	300.0	240.0	4.0	0.0	41.1	37.6
1167	350.0	260.0	4.0	0.0	40.5	36.4	1241	310.0	240.0	4.0	0.0	40.9	37.3
1168	360.0	260.0	4.0	0.0	40.5	36.3	1242	320.0	240.0	4.0	0.0	40.8	37.1
1169	370.0	260.0	4.0	0.0	40.4	36.2	1243	330.0	240.0	4.0	0.0	40.7	36.9
1170	380.0	260.0	4.0	0.0	40.4	36.1	1244	340.0	240.0	4.0	0.0	40.6	36.7
1171	0.0	250.0	4.0	0.0	40.4	35.9	1245	350.0	240.0	4.0	0.0	40.6	36.5
1172	10.0	250.0	4.0	0.0	40.4	36.0	1246	360.0	240.0	4.0	0.0	40.5	36.4
1173	20.0	250.0	4.0	0.0	40.4	36.1	1247	370.0	240.0	4.0	0.0	40.5	36.3
1174	30.0	250.0	4.0	0.0	40.5	36.2	1248	380.0	240.0	4.0	0.0	40.4	36.2
1175	40.0	250.0	4.0	0.0	40.5	36.3	1249	0.0	230.0	4.0	0.0	40.4	36.0
1176	50.0	250.0	4.0	0.0	40.6	36.4	1250	10.0	230.0	4.0	0.0	40.4	36.1
1177	60.0	250.0	4.0	0.0	40.7	36.6	1251	20.0	230.0	4.0	0.0	40.5	36.2
1178	70.0	250.0	4.0	0.0	40.7	36.7	1252	30.0	230.0	4.0	0.0	40.5	36.3
1179	80.0	250.0	4.0	0.0	40.8	36.9	1253	40.0	230.0	4.0	0.0	40.6	36.4
1180	90.0	250.0	4.0	0.0	40.9	37.1	1254	50.0	230.0	4.0	0.0	40.7	36.5
1181	100.0	250.0	4.0	0.0	41.0	37.3	1255	60.0	230.0	4.0	0.0	40.7	36.7
1182	110.0	250.0	4.0	0.0	41.1	37.5	1256	70.0	230.0	4.0	0.0	40.8	36.9

1257	80.0	230.0	4.0	0.0	40.9	37.1	1331	40.0	210.0	4.0	0.0	40.6	36.5
1258	90.0	230.0	4.0	0.0	41.1	37.4	1332	50.0	210.0	4.0	0.0	40.7	36.7
1259	100.0	230.0	4.0	0.0	41.2	37.6	1333	60.0	210.0	4.0	0.0	40.8	36.8
1260	110.0	230.0	4.0	0.0	41.4	37.9	1334	70.0	210.0	4.0	0.0	40.9	37.1
1261	120.0	230.0	4.0	0.0	41.6	38.3	1335	80.0	210.0	4.0	0.0	41.0	37.3
1262	130.0	230.0	4.0	0.0	41.8	38.7	1336	90.0	210.0	4.0	0.0	41.2	37.6
1263	140.0	230.0	4.0	0.0	42.1	39.2	1337	100.0	210.0	4.0	0.0	41.4	37.9
1264	150.0	230.0	4.0	0.0	42.4	39.7	1338	110.0	210.0	4.0	0.0	41.6	38.3
1265	160.0	230.0	4.0	0.0	42.7	40.2	1339	120.0	210.0	4.0	0.0	41.9	38.8
1266	170.0	230.0	4.0	0.0	43.1	40.8	1340	130.0	210.0	4.0	0.0	42.2	39.4
1267	180.0	230.0	4.0	0.0	43.5	41.3	1341	140.0	210.0	4.0	0.0	42.7	40.0
1268	190.0	230.0	4.0	0.0	43.3	40.8	1342	150.0	210.0	4.0	0.0	43.2	40.7
1269	200.0	230.0	4.0	0.0	43.8	41.1	1343	160.0	210.0	4.0	0.0	43.8	41.6
1270	210.0	230.0	4.0	0.0	44.0	40.1	1344	170.0	210.0	4.0	0.0	44.5	42.6
1271	220.0	230.0	4.0	0.0	42.9	39.9	1345	180.0	210.0	4.0	0.0	44.1	41.7
1272	230.0	230.0	4.0	0.0	42.3	39.5	1346	190.0	210.0	4.0	0.0	44.9	42.4
1273	240.0	230.0	4.0	0.0	42.2	39.6	1347	200.0	210.0	4.0	0.0	45.8	40.8
1274	250.0	230.0	4.0	0.0	41.9	39.1	1348	210.0	210.0	4.0	0.0	45.3	41.0
1275	260.0	230.0	4.0	0.0	41.5	38.5	1349	220.0	210.0	4.0	0.0	43.5	40.7
1276	270.0	230.0	4.0	0.0	41.5	38.4	1350	230.0	210.0	4.0	0.0	43.8	41.9
1277	280.0	230.0	4.0	0.0	41.5	38.6	1351	240.0	210.0	4.0	0.0	42.9	40.6
1278	290.0	230.0	4.0	0.0	41.3	38.2	1352	250.0	210.0	4.0	0.0	42.2	39.6
1279	300.0	230.0	4.0	0.0	41.1	37.8	1353	260.0	210.0	4.0	0.0	42.3	39.9
1280	310.0	230.0	4.0	0.0	41.0	37.5	1354	270.0	210.0	4.0	0.0	41.9	39.2
1281	320.0	230.0	4.0	0.0	40.9	37.2	1355	280.0	210.0	4.0	0.0	41.8	39.1
1282	330.0	230.0	4.0	0.0	40.8	37.0	1356	290.0	210.0	4.0	0.0	41.5	38.6
1283	340.0	230.0	4.0	0.0	40.7	36.8	1357	300.0	210.0	4.0	0.0	41.3	38.1
1284	350.0	230.0	4.0	0.0	40.6	36.6	1358	310.0	210.0	4.0	0.0	41.1	37.7
1285	360.0	230.0	4.0	0.0	40.5	36.5	1359	320.0	210.0	4.0	0.0	41.0	37.4
1286	370.0	230.0	4.0	0.0	40.5	36.3	1360	330.0	210.0	4.0	0.0	40.8	37.1
1287	380.0	230.0	4.0	0.0	40.4	36.2	1361	340.0	210.0	4.0	0.0	40.7	36.9
1288	0.0	220.0	4.0	0.0	40.4	36.0	1362	350.0	210.0	4.0	0.0	40.6	36.7
1289	10.0	220.0	4.0	0.0	40.4	36.1	1363	360.0	210.0	4.0	0.0	40.6	36.5
1290	20.0	220.0	4.0	0.0	40.5	36.2	1364	370.0	210.0	4.0	0.0	40.5	36.4
1291	30.0	220.0	4.0	0.0	40.5	36.3	1365	380.0	210.0	4.0	0.0	40.5	36.3
1292	40.0	220.0	4.0	0.0	40.6	36.4	1366	0.0	200.0	4.0	0.0	40.4	36.0
1293	50.0	220.0	4.0	0.0	40.7	36.6	1367	10.0	200.0	4.0	0.0	40.5	36.1
1294	60.0	220.0	4.0	0.0	40.8	36.8	1368	20.0	200.0	4.0	0.0	40.5	36.2
1295	70.0	220.0	4.0	0.0	40.9	37.0	1369	30.0	200.0	4.0	0.0	40.6	36.4
1296	80.0	220.0	4.0	0.0	41.0	37.2	1370	40.0	200.0	4.0	0.0	40.6	36.5
1297	90.0	220.0	4.0	0.0	41.1	37.5	1371	50.0	200.0	4.0	0.0	40.7	36.7
1298	100.0	220.0	4.0	0.0	41.3	37.8	1372	60.0	200.0	4.0	0.0	40.8	36.9
1299	110.0	220.0	4.0	0.0	41.5	38.2	1373	70.0	200.0	4.0	0.0	40.9	37.1
1300	120.0	220.0	4.0	0.0	41.7	38.6	1374	80.0	200.0	4.0	0.0	41.1	37.4
1301	130.0	220.0	4.0	0.0	42.0	39.0	1375	90.0	200.0	4.0	0.0	41.3	37.7
1302	140.0	220.0	4.0	0.0	42.4	39.6	1376	100.0	200.0	4.0	0.0	41.5	38.1
1303	150.0	220.0	4.0	0.0	42.8	40.2	1377	110.0	200.0	4.0	0.0	41.7	38.5
1304	160.0	220.0	4.0	0.0	43.2	40.9	1378	120.0	200.0	4.0	0.0	42.1	39.0
1305	170.0	220.0	4.0	0.0	43.7	41.6	1379	130.0	200.0	4.0	0.0	42.5	39.7
1306	180.0	220.0	4.0	0.0	44.4	42.4	1380	140.0	200.0	4.0	0.0	43.0	40.4
1307	190.0	220.0	4.0	0.0	43.8	41.0	1381	150.0	200.0	4.0	0.0	43.6	41.3
1308	200.0	220.0	4.0	0.0	44.8	41.5	1382	160.0	200.0	4.0	0.0	44.3	42.3
1309	210.0	220.0	4.0	0.0	47.0	41.6	1383	170.0	200.0	4.0	0.0	45.3	43.5
1310	220.0	220.0	4.0	0.0	43.9	41.4	1384	180.0	200.0	4.0	0.0	45.2	43.1
1311	230.0	220.0	4.0	0.0	43.0	40.6	1385	190.0	200.0	4.0	0.0	46.2	43.6
1312	240.0	220.0	4.0	0.0	42.4	39.8	1386	200.0	200.0	4.0	0.0	47.9	40.1
1313	250.0	220.0	4.0	0.0	41.9	39.0	1387	210.0	200.0	4.0	0.0	44.3	39.2
1314	260.0	220.0	4.0	0.0	42.0	39.4	1388	220.0	200.0	4.0	0.0	43.6	40.6
1315	270.0	220.0	4.0	0.0	41.6	38.8	1389	230.0	200.0	4.0	0.0	43.0	40.3
1316	280.0	220.0	4.0	0.0	41.7	38.9	1390	240.0	200.0	4.0	0.0	42.5	39.8
1317	290.0	220.0	4.0	0.0	41.4	38.4	1391	250.0	200.0	4.0	0.0	42.5	40.1
1318	300.0	220.0	4.0	0.0	41.2	38.0	1392	260.0	200.0	4.0	0.0	42.5	40.3
1319	310.0	220.0	4.0	0.0	41.1	37.6	1393	270.0	200.0	4.0	0.0	42.4	40.1
1320	320.0	220.0	4.0	0.0	40.9	37.3	1394	280.0	200.0	4.0	0.0	42.0	39.4
1321	330.0	220.0	4.0	0.0	40.8	37.1	1395	290.0	200.0	4.0	0.0	41.6	38.8
1322	340.0	220.0	4.0	0.0	40.7	36.9	1396	300.0	200.0	4.0	0.0	41.4	38.3
1323	350.0	220.0	4.0	0.0	40.6	36.7	1397	310.0	200.0	4.0	0.0	41.2	37.8
1324	360.0	220.0	4.0	0.0	40.6	36.5	1398	320.0	200.0	4.0	0.0	41.0	37.5
1325	370.0	220.0	4.0	0.0	40.5	36.4	1399	330.0	200.0	4.0	0.0	40.9	37.2
1326	380.0	220.0	4.0	0.0	40.4	36.2	1400	340.0	200.0	4.0	0.0	40.7	37.0
1327	0.0	210.0	4.0	0.0	40.4	36.0	1401	350.0	200.0	4.0	0.0	40.7	36.7
1328	10.0	210.0	4.0	0.0	40.5	36.1	1402	360.0	200.0	4.0	0.0	40.6	36.6
1329	20.0	210.0	4.0	0.0	40.5	36.2	1403	370.0	200.0	4.0	0.0	40.5	36.4
1330	30.0	210.0	4.0	0.0	40.6	36.3	1404	380.0	200.0	4.0	0.0	40.5	36.3

1405	0.0	190.0	4.0	0.0	40.4	36.0	1484	10.0	170.0	4.0	0.0	40.5	36.2
1406	10.0	190.0	4.0	0.0	40.5	36.1	1485	20.0	170.0	4.0	0.0	40.5	36.3
1407	20.0	190.0	4.0	0.0	40.5	36.3	1486	30.0	170.0	4.0	0.0	40.6	36.4
1408	30.0	190.0	4.0	0.0	40.6	36.4	1487	40.0	170.0	4.0	0.0	40.7	36.6
1409	40.0	190.0	4.0	0.0	40.7	36.5	1488	50.0	170.0	4.0	0.0	40.8	36.8
1410	50.0	190.0	4.0	0.0	40.8	36.7	1489	60.0	170.0	4.0	0.0	40.9	37.0
1411	60.0	190.0	4.0	0.0	40.9	36.9	1490	70.0	170.0	4.0	0.0	41.0	37.2
1412	70.0	190.0	4.0	0.0	41.0	37.2	1491	80.0	170.0	4.0	0.0	41.2	37.5
1413	80.0	190.0	4.0	0.0	41.1	37.5	1492	90.0	170.0	4.0	0.0	41.4	37.9
1414	90.0	190.0	4.0	0.0	41.3	37.8	1493	100.0	170.0	4.0	0.0	41.6	38.3
1415	100.0	190.0	4.0	0.0	41.5	38.2	1494	110.0	170.0	4.0	0.0	42.0	38.8
1416	110.0	190.0	4.0	0.0	41.8	38.7	1495	120.0	170.0	4.0	0.0	42.4	39.4
1417	120.0	190.0	4.0	0.0	42.2	39.2	1496	130.0	170.0	4.0	0.0	43.0	40.2
1418	130.0	190.0	4.0	0.0	42.7	39.9	1497	140.0	170.0	4.0	0.0	43.8	41.1
1419	140.0	190.0	4.0	0.0	43.3	40.7	1498	150.0	170.0	4.0	0.0	44.8	42.3
1420	150.0	190.0	4.0	0.0	44.0	41.7	1499	160.0	170.0	4.0	0.0	46.2	43.9
1421	160.0	190.0	4.0	0.0	45.0	43.0	1500	170.0	170.0	4.0	0.0	47.5	44.9
1422	170.0	190.0	4.0	0.0	46.2	44.5	1501	180.0	170.0	4.0	0.0	49.0	46.0
1423	180.0	190.0	4.0	0.0	46.6	44.5	1502	190.0	170.0	4.0	0.0	49.5	42.6
1424	190.0	190.0	4.0	0.0	46.8	43.1	1505	220.0	170.0	4.0	0.0	43.5	41.1
1428	230.0	190.0	4.0	0.0	43.3	41.0	1506	230.0	170.0	4.0	0.0	43.5	41.5
1429	240.0	190.0	4.0	0.0	42.7	40.4	1507	240.0	170.0	4.0	0.0	42.6	40.3
1430	250.0	190.0	4.0	0.0	43.5	41.8	1508	250.0	170.0	4.0	0.0	43.3	41.5
1431	260.0	190.0	4.0	0.0	42.6	40.5	1509	260.0	170.0	4.0	0.0	43.2	41.3
1432	270.0	190.0	4.0	0.0	42.5	40.3	1510	270.0	170.0	4.0	0.0	42.5	40.3
1433	280.0	190.0	4.0	0.0	42.0	39.5	1511	280.0	170.0	4.0	0.0	42.1	39.5
1434	290.0	190.0	4.0	0.0	41.7	38.9	1512	290.0	170.0	4.0	0.0	41.7	38.9
1435	300.0	190.0	4.0	0.0	41.4	38.3	1513	300.0	170.0	4.0	0.0	41.4	38.4
1436	310.0	190.0	4.0	0.0	41.2	37.9	1514	310.0	170.0	4.0	0.0	41.2	37.9
1437	320.0	190.0	4.0	0.0	41.0	37.5	1515	320.0	170.0	4.0	0.0	41.0	37.6
1438	330.0	190.0	4.0	0.0	40.9	37.2	1516	330.0	170.0	4.0	0.0	40.9	37.3
1439	340.0	190.0	4.0	0.0	40.8	37.0	1517	340.0	170.0	4.0	0.0	40.8	37.0
1440	350.0	190.0	4.0	0.0	40.7	36.8	1518	350.0	170.0	4.0	0.0	40.7	36.8
1441	360.0	190.0	4.0	0.0	40.6	36.6	1519	360.0	170.0	4.0	0.0	40.6	36.6
1442	370.0	190.0	4.0	0.0	40.5	36.4	1520	370.0	170.0	4.0	0.0	40.5	36.4
1443	380.0	190.0	4.0	0.0	40.5	36.3	1521	380.0	170.0	4.0	0.0	40.5	36.3
1444	0.0	180.0	4.0	0.0	40.4	36.1	1522	0.0	160.0	4.0	0.0	40.4	36.1
1445	10.0	180.0	4.0	0.0	40.5	36.2	1523	10.0	160.0	4.0	0.0	40.5	36.2
1446	20.0	180.0	4.0	0.0	40.5	36.3	1524	20.0	160.0	4.0	0.0	40.5	36.3
1447	30.0	180.0	4.0	0.0	40.6	36.4	1525	30.0	160.0	4.0	0.0	40.6	36.4
1448	40.0	180.0	4.0	0.0	40.7	36.6	1526	40.0	160.0	4.0	0.0	40.7	36.6
1449	50.0	180.0	4.0	0.0	40.8	36.7	1527	50.0	160.0	4.0	0.0	40.8	36.7
1450	60.0	180.0	4.0	0.0	40.9	37.0	1528	60.0	160.0	4.0	0.0	40.9	37.0
1451	70.0	180.0	4.0	0.0	41.0	37.2	1529	70.0	160.0	4.0	0.0	41.0	37.2
1452	80.0	180.0	4.0	0.0	41.2	37.5	1530	80.0	160.0	4.0	0.0	41.2	37.5
1453	90.0	180.0	4.0	0.0	41.4	37.8	1531	90.0	160.0	4.0	0.0	41.4	37.9
1454	100.0	180.0	4.0	0.0	41.6	38.3	1532	100.0	160.0	4.0	0.0	41.6	38.3
1455	110.0	180.0	4.0	0.0	41.9	38.8	1533	110.0	160.0	4.0	0.0	42.0	38.8
1456	120.0	180.0	4.0	0.0	42.3	39.4	1534	120.0	160.0	4.0	0.0	42.4	39.4
1457	130.0	180.0	4.0	0.0	42.8	40.1	1535	130.0	160.0	4.0	0.0	43.0	40.2
1458	140.0	180.0	4.0	0.0	43.5	41.0	1536	140.0	160.0	4.0	0.0	43.9	41.2
1459	150.0	180.0	4.0	0.0	44.4	42.1	1537	150.0	160.0	4.0	0.0	45.1	42.4
1460	160.0	180.0	4.0	0.0	45.6	43.5	1538	160.0	160.0	4.0	0.0	46.8	43.8
1461	170.0	180.0	4.0	0.0	46.3	44.0	1539	170.0	160.0	4.0	0.0	49.2	45.5
1462	180.0	180.0	4.0	0.0	48.1	46.1	1540	180.0	160.0	4.0	0.0	51.1	44.4
1463	190.0	180.0	4.0	0.0	48.6	44.0	1544	220.0	160.0	4.0	0.0	43.4	41.1
1466	220.0	180.0	4.0	0.0	43.2	40.1	1545	230.0	160.0	4.0	0.0	43.1	41.0
1467	230.0	180.0	4.0	0.0	43.6	41.7	1546	240.0	160.0	4.0	0.0	43.9	42.3
1468	240.0	180.0	4.0	0.0	42.8	40.5	1547	250.0	160.0	4.0	0.0	43.0	41.1
1469	250.0	180.0	4.0	0.0	43.5	41.8	1548	260.0	160.0	4.0	0.0	43.0	41.1
1470	260.0	180.0	4.0	0.0	43.0	41.0	1549	270.0	160.0	4.0	0.0	42.4	40.2
1471	270.0	180.0	4.0	0.0	42.6	40.4	1550	280.0	160.0	4.0	0.0	42.0	39.4
1472	280.0	180.0	4.0	0.0	42.1	39.6	1551	290.0	160.0	4.0	0.0	41.7	38.8
1473	290.0	180.0	4.0	0.0	41.7	38.9	1552	300.0	160.0	4.0	0.0	41.4	38.3
1474	300.0	180.0	4.0	0.0	41.4	38.4	1553	310.0	160.0	4.0	0.0	41.2	37.9
1475	310.0	180.0	4.0	0.0	41.2	37.9	1554	320.0	160.0	4.0	0.0	41.0	37.5
1476	320.0	180.0	4.0	0.0	41.0	37.6	1555	330.0	160.0	4.0	0.0	40.9	37.2
1477	330.0	180.0	4.0	0.0	40.9	37.3	1556	340.0	160.0	4.0	0.0	40.8	37.0
1478	340.0	180.0	4.0	0.0	40.8	37.0	1557	350.0	160.0	4.0	0.0	40.7	36.8
1479	350.0	180.0	4.0	0.0	40.7	36.8	1558	360.0	160.0	4.0	0.0	40.6	36.6
1480	360.0	180.0	4.0	0.0	40.6	36.6	1559	370.0	160.0	4.0	0.0	40.5	36.4
1481	370.0	180.0	4.0	0.0	40.5	36.4	1560	380.0	160.0	4.0	0.0	40.5	36.3
1482	380.0	180.0	4.0	0.0	40.5	36.3	1561	0.0	150.0	4.0	0.0	40.4	36.0
1483	0.0	170.0	4.0	0.0	40.4	36.1	1562	10.0	150.0	4.0	0.0	40.5	36.1

1563	20.0	150.0	4.0	0.0	40.5	36.3	1641	20.0	130.0	4.0	0.0	40.5	36.2
1564	30.0	150.0	4.0	0.0	40.6	36.4	1642	30.0	130.0	4.0	0.0	40.6	36.4
1565	40.0	150.0	4.0	0.0	40.7	36.6	1643	40.0	130.0	4.0	0.0	40.6	36.5
1566	50.0	150.0	4.0	0.0	40.8	36.7	1644	50.0	130.0	4.0	0.0	40.7	36.7
1567	60.0	150.0	4.0	0.0	40.9	36.9	1645	60.0	130.0	4.0	0.0	40.8	36.9
1568	70.0	150.0	4.0	0.0	41.0	37.2	1646	70.0	130.0	4.0	0.0	41.0	37.1
1569	80.0	150.0	4.0	0.0	41.2	37.5	1647	80.0	130.0	4.0	0.0	41.1	37.3
1570	90.0	150.0	4.0	0.0	41.4	37.8	1648	90.0	130.0	4.0	0.0	41.3	37.6
1571	100.0	150.0	4.0	0.0	41.6	38.2	1649	100.0	130.0	4.0	0.0	41.5	38.0
1572	110.0	150.0	4.0	0.0	42.0	38.7	1650	110.0	130.0	4.0	0.0	41.8	38.4
1573	120.0	150.0	4.0	0.0	42.4	39.3	1651	120.0	130.0	4.0	0.0	42.2	39.0
1574	130.0	150.0	4.0	0.0	43.0	40.1	1652	130.0	130.0	4.0	0.0	42.8	39.6
1575	140.0	150.0	4.0	0.0	43.9	41.0	1653	140.0	130.0	4.0	0.0	43.5	40.3
1576	150.0	150.0	4.0	0.0	45.2	42.2	1654	150.0	130.0	4.0	0.0	44.4	40.6
1577	160.0	150.0	4.0	0.0	47.2	43.1	1655	160.0	130.0	4.0	0.0	47.0	41.7
1578	170.0	150.0	4.0	0.0	53.0	45.6	1656	170.0	130.0	4.0	0.0	46.7	41.4
1579	180.0	150.0	4.0	0.0	55.8	43.3	1657	180.0	130.0	4.0	0.0	46.2	42.6
1582	210.0	150.0	4.0	0.0	42.6	39.0	1658	190.0	130.0	4.0	0.0	43.9	40.6
1583	220.0	150.0	4.0	0.0	43.0	40.7	1659	200.0	130.0	4.0	0.0	42.8	39.3
1584	230.0	150.0	4.0	0.0	42.6	40.3	1660	210.0	130.0	4.0	0.0	42.5	39.4
1585	240.0	150.0	4.0	0.0	43.3	41.5	1661	220.0	130.0	4.0	0.0	42.2	39.4
1586	250.0	150.0	4.0	0.0	43.2	41.3	1662	230.0	130.0	4.0	0.0	42.7	40.5
1587	260.0	150.0	4.0	0.0	42.8	40.8	1663	240.0	130.0	4.0	0.0	42.3	39.9
1588	270.0	150.0	4.0	0.0	42.3	39.9	1664	250.0	130.0	4.0	0.0	42.7	40.6
1589	280.0	150.0	4.0	0.0	41.9	39.3	1665	260.0	130.0	4.0	0.0	42.3	39.9
1590	290.0	150.0	4.0	0.0	41.6	38.7	1666	270.0	130.0	4.0	0.0	41.9	39.3
1591	300.0	150.0	4.0	0.0	41.3	38.2	1667	280.0	130.0	4.0	0.0	41.6	38.8
1592	310.0	150.0	4.0	0.0	41.1	37.8	1668	290.0	130.0	4.0	0.0	41.4	38.3
1593	320.0	150.0	4.0	0.0	41.0	37.5	1669	300.0	130.0	4.0	0.0	41.2	37.9
1594	330.0	150.0	4.0	0.0	40.9	37.2	1670	310.0	130.0	4.0	0.0	41.0	37.6
1595	340.0	150.0	4.0	0.0	40.7	37.0	1671	320.0	130.0	4.0	0.0	40.9	37.3
1596	350.0	150.0	4.0	0.0	40.7	36.7	1672	330.0	130.0	4.0	0.0	40.8	37.1
1597	360.0	150.0	4.0	0.0	40.6	36.6	1673	340.0	130.0	4.0	0.0	40.7	36.9
1598	370.0	150.0	4.0	0.0	40.5	36.4	1674	350.0	130.0	4.0	0.0	40.6	36.7
1599	380.0	150.0	4.0	0.0	40.5	36.3	1675	360.0	130.0	4.0	0.0	40.6	36.5
1600	0.0	140.0	4.0	0.0	40.4	36.0	1676	370.0	130.0	4.0	0.0	40.5	36.4
1601	10.0	140.0	4.0	0.0	40.5	36.1	1677	380.0	130.0	4.0	0.0	40.4	36.2
1602	20.0	140.0	4.0	0.0	40.5	36.2	1678	0.0	120.0	4.0	0.0	40.4	36.0
1603	30.0	140.0	4.0	0.0	40.6	36.4	1679	10.0	120.0	4.0	0.0	40.5	36.1
1604	40.0	140.0	4.0	0.0	40.7	36.5	1680	20.0	120.0	4.0	0.0	40.5	36.2
1605	50.0	140.0	4.0	0.0	40.7	36.7	1681	30.0	120.0	4.0	0.0	40.6	36.3
1606	60.0	140.0	4.0	0.0	40.9	36.9	1682	40.0	120.0	4.0	0.0	40.6	36.5
1607	70.0	140.0	4.0	0.0	41.0	37.1	1683	50.0	120.0	4.0	0.0	40.7	36.6
1608	80.0	140.0	4.0	0.0	41.1	37.4	1684	60.0	120.0	4.0	0.0	40.8	36.8
1609	90.0	140.0	4.0	0.0	41.3	37.7	1685	70.0	120.0	4.0	0.0	40.9	37.0
1610	100.0	140.0	4.0	0.0	41.6	38.1	1686	80.0	120.0	4.0	0.0	41.1	37.2
1611	110.0	140.0	4.0	0.0	41.9	38.6	1687	90.0	120.0	4.0	0.0	41.2	37.5
1612	120.0	140.0	4.0	0.0	42.3	39.2	1688	100.0	120.0	4.0	0.0	41.4	37.9
1613	130.0	140.0	4.0	0.0	42.9	39.9	1689	110.0	120.0	4.0	0.0	41.7	38.2
1614	140.0	140.0	4.0	0.0	43.7	40.7	1690	120.0	120.0	4.0	0.0	42.1	38.7
1615	150.0	140.0	4.0	0.0	45.0	41.8	1691	130.0	120.0	4.0	0.0	42.6	39.2
1616	160.0	140.0	4.0	0.0	47.1	42.6	1692	140.0	120.0	4.0	0.0	43.3	39.9
1617	170.0	140.0	4.0	0.0	49.6	42.1	1693	150.0	120.0	4.0	0.0	44.2	39.9
1618	180.0	140.0	4.0	0.0	50.3	40.8	1694	160.0	120.0	4.0	0.0	48.1	40.8
1621	210.0	140.0	4.0	0.0	42.5	39.5	1695	170.0	120.0	4.0	0.0	44.5	39.9
1622	220.0	140.0	4.0	0.0	42.6	40.1	1696	180.0	120.0	4.0	0.0	44.2	40.6
1623	230.0	140.0	4.0	0.0	42.9	40.8	1697	190.0	120.0	4.0	0.0	43.5	40.9
1624	240.0	140.0	4.0	0.0	42.8	40.7	1698	200.0	120.0	4.0	0.0	43.1	40.5
1625	250.0	140.0	4.0	0.0	43.1	41.2	1699	210.0	120.0	4.0	0.0	42.7	40.1
1626	260.0	140.0	4.0	0.0	42.6	40.4	1700	220.0	120.0	4.0	0.0	41.8	38.7
1627	270.0	140.0	4.0	0.0	42.1	39.7	1701	230.0	120.0	4.0	0.0	42.3	39.7
1628	280.0	140.0	4.0	0.0	41.8	39.0	1702	240.0	120.0	4.0	0.0	42.6	40.4
1629	290.0	140.0	4.0	0.0	41.5	38.5	1703	250.0	120.0	4.0	0.0	42.4	40.1
1630	300.0	140.0	4.0	0.0	41.3	38.1	1704	260.0	120.0	4.0	0.0	42.0	39.5
1631	310.0	140.0	4.0	0.0	41.1	37.7	1705	270.0	120.0	4.0	0.0	41.7	39.0
1632	320.0	140.0	4.0	0.0	40.9	37.4	1706	280.0	120.0	4.0	0.0	41.5	38.5
1633	330.0	140.0	4.0	0.0	40.8	37.1	1707	290.0	120.0	4.0	0.0	41.3	38.1
1634	340.0	140.0	4.0	0.0	40.7	36.9	1708	300.0	120.0	4.0	0.0	41.1	37.8
1635	350.0	140.0	4.0	0.0	40.6	36.7	1709	310.0	120.0	4.0	0.0	41.0	37.5
1636	360.0	140.0	4.0	0.0	40.6	36.5	1710	320.0	120.0	4.0	0.0	40.9	37.2
1637	370.0	140.0	4.0	0.0	40.5	36.4	1711	330.0	120.0	4.0	0.0	40.8	37.0
1638	380.0	140.0	4.0	0.0	40.5	36.3	1712	340.0	120.0	4.0	0.0	40.7	36.8
1639	0.0	130.0	4.0	0.0	40.4	36.0	1713	350.0	120.0	4.0	0.0	40.6	36.6
1640	10.0	130.0	4.0	0.0	40.5	36.1	1714	360.0	120.0	4.0	0.0	40.5	36.5

1715	370.0	120.0	4.0	0.0	40.5	36.3	1789	330.0	100.0	4.0	0.0	40.7	36.8
1716	380.0	120.0	4.0	0.0	40.4	36.2	1790	340.0	100.0	4.0	0.0	40.6	36.6
1717	0.0	110.0	4.0	0.0	40.4	36.0	1791	350.0	100.0	4.0	0.0	40.5	36.5
1718	10.0	110.0	4.0	0.0	40.4	36.1	1792	360.0	100.0	4.0	0.0	40.5	36.3
1719	20.0	110.0	4.0	0.0	40.5	36.2	1793	370.0	100.0	4.0	0.0	40.4	36.2
1720	30.0	110.0	4.0	0.0	40.5	36.3	1794	380.0	100.0	4.0	0.0	40.4	36.1
1721	40.0	110.0	4.0	0.0	40.6	36.4	1795	0.0	90.0	4.0	0.0	40.4	35.9
1722	50.0	110.0	4.0	0.0	40.7	36.6	1796	10.0	90.0	4.0	0.0	40.4	36.0
1723	60.0	110.0	4.0	0.0	40.8	36.7	1797	20.0	90.0	4.0	0.0	40.5	36.1
1724	70.0	110.0	4.0	0.0	40.9	36.9	1798	30.0	90.0	4.0	0.0	40.5	36.2
1725	80.0	110.0	4.0	0.0	41.0	37.1	1799	40.0	90.0	4.0	0.0	40.6	36.3
1726	90.0	110.0	4.0	0.0	41.2	37.4	1800	50.0	90.0	4.0	0.0	40.6	36.4
1727	100.0	110.0	4.0	0.0	41.4	37.7	1801	60.0	90.0	4.0	0.0	40.7	36.6
1728	110.0	110.0	4.0	0.0	41.6	38.0	1802	70.0	90.0	4.0	0.0	40.8	36.7
1729	120.0	110.0	4.0	0.0	41.9	38.4	1803	80.0	90.0	4.0	0.0	40.9	36.9
1730	130.0	110.0	4.0	0.0	42.4	38.9	1804	90.0	90.0	4.0	0.0	41.0	37.1
1731	140.0	110.0	4.0	0.0	43.1	39.4	1805	100.0	90.0	4.0	0.0	41.2	37.3
1732	150.0	110.0	4.0	0.0	44.5	39.3	1806	110.0	90.0	4.0	0.0	41.4	37.6
1733	160.0	110.0	4.0	0.0	45.8	39.4	1807	120.0	90.0	4.0	0.0	41.7	37.8
1734	170.0	110.0	4.0	0.0	43.5	39.5	1808	130.0	90.0	4.0	0.0	42.2	38.1
1735	180.0	110.0	4.0	0.0	43.3	39.9	1809	140.0	90.0	4.0	0.0	43.1	37.9
1736	190.0	110.0	4.0	0.0	42.5	39.4	1810	150.0	90.0	4.0	0.0	46.7	38.2
1737	200.0	110.0	4.0	0.0	42.3	39.4	1811	160.0	90.0	4.0	0.0	43.0	38.1
1738	210.0	110.0	4.0	0.0	42.1	39.1	1812	170.0	90.0	4.0	0.0	42.3	38.3
1739	220.0	110.0	4.0	0.0	42.4	39.8	1813	180.0	90.0	4.0	0.0	41.8	38.2
1740	230.0	110.0	4.0	0.0	42.1	39.4	1814	190.0	90.0	4.0	0.0	41.7	38.2
1741	240.0	110.0	4.0	0.0	42.4	40.0	1815	200.0	90.0	4.0	0.0	41.6	38.2
1742	250.0	110.0	4.0	0.0	42.1	39.5	1816	210.0	90.0	4.0	0.0	41.5	38.1
1743	260.0	110.0	4.0	0.0	41.8	39.1	1817	220.0	90.0	4.0	0.0	41.7	38.8
1744	270.0	110.0	4.0	0.0	41.6	38.6	1818	230.0	90.0	4.0	0.0	41.9	39.1
1745	280.0	110.0	4.0	0.0	41.4	38.3	1819	240.0	90.0	4.0	0.0	41.7	38.9
1746	290.0	110.0	4.0	0.0	41.2	37.9	1820	250.0	90.0	4.0	0.0	41.6	38.6
1747	300.0	110.0	4.0	0.0	41.0	37.6	1821	260.0	90.0	4.0	0.0	41.4	38.3
1748	310.0	110.0	4.0	0.0	40.9	37.3	1822	270.0	90.0	4.0	0.0	41.3	38.0
1749	320.0	110.0	4.0	0.0	40.8	37.1	1823	280.0	90.0	4.0	0.0	41.1	37.7
1750	330.0	110.0	4.0	0.0	40.7	36.9	1824	290.0	90.0	4.0	0.0	41.0	37.5
1751	340.0	110.0	4.0	0.0	40.6	36.7	1825	300.0	90.0	4.0	0.0	40.9	37.3
1752	350.0	110.0	4.0	0.0	40.6	36.5	1826	310.0	90.0	4.0	0.0	40.8	37.1
1753	360.0	110.0	4.0	0.0	40.5	36.4	1827	320.0	90.0	4.0	0.0	40.7	36.9
1754	370.0	110.0	4.0	0.0	40.5	36.3	1828	330.0	90.0	4.0	0.0	40.6	36.7
1755	380.0	110.0	4.0	0.0	40.4	36.2	1829	340.0	90.0	4.0	0.0	40.6	36.5
1756	0.0	100.0	4.0	0.0	40.4	35.9	1830	350.0	90.0	4.0	0.0	40.5	36.4
1757	10.0	100.0	4.0	0.0	40.4	36.0	1831	360.0	90.0	4.0	0.0	40.5	36.3
1758	20.0	100.0	4.0	0.0	40.5	36.1	1832	370.0	90.0	4.0	0.0	40.4	36.2
1759	30.0	100.0	4.0	0.0	40.5	36.2	1833	380.0	90.0	4.0	0.0	40.4	36.1
1760	40.0	100.0	4.0	0.0	40.6	36.4	1834	0.0	80.0	4.0	0.0	40.4	35.9
1761	50.0	100.0	4.0	0.0	40.7	36.5	1835	10.0	80.0	4.0	0.0	40.4	36.0
1762	60.0	100.0	4.0	0.0	40.7	36.6	1836	20.0	80.0	4.0	0.0	40.4	36.0
1763	70.0	100.0	4.0	0.0	40.8	36.8	1837	30.0	80.0	4.0	0.0	40.5	36.1
1764	80.0	100.0	4.0	0.0	40.9	37.0	1838	40.0	80.0	4.0	0.0	40.5	36.2
1765	90.0	100.0	4.0	0.0	41.1	37.2	1839	50.0	80.0	4.0	0.0	40.6	36.4
1766	100.0	100.0	4.0	0.0	41.3	37.5	1840	60.0	80.0	4.0	0.0	40.7	36.5
1767	110.0	100.0	4.0	0.0	41.5	37.8	1841	70.0	80.0	4.0	0.0	40.7	36.6
1768	120.0	100.0	4.0	0.0	41.8	38.1	1842	80.0	80.0	4.0	0.0	40.8	36.8
1769	130.0	100.0	4.0	0.0	42.2	38.5	1843	90.0	80.0	4.0	0.0	40.9	37.0
1770	140.0	100.0	4.0	0.0	42.9	38.3	1844	100.0	80.0	4.0	0.0	41.1	37.1
1771	150.0	100.0	4.0	0.0	45.7	38.7	1845	110.0	80.0	4.0	0.0	41.3	37.4
1772	160.0	100.0	4.0	0.0	44.0	38.3	1846	120.0	80.0	4.0	0.0	41.5	37.6
1773	170.0	100.0	4.0	0.0	42.7	38.7	1847	130.0	80.0	4.0	0.0	42.1	37.8
1774	180.0	100.0	4.0	0.0	42.3	38.9	1848	140.0	80.0	4.0	0.0	43.8	37.5
1775	190.0	100.0	4.0	0.0	42.2	39.0	1849	150.0	80.0	4.0	0.0	44.8	37.5
1776	200.0	100.0	4.0	0.0	42.0	39.0	1850	160.0	80.0	4.0	0.0	42.3	37.6
1777	210.0	100.0	4.0	0.0	41.8	38.8	1851	170.0	80.0	4.0	0.0	41.8	37.8
1778	220.0	100.0	4.0	0.0	41.9	39.1	1852	180.0	80.0	4.0	0.0	41.6	37.9
1779	230.0	100.0	4.0	0.0	41.7	38.8	1853	190.0	80.0	4.0	0.0	41.5	37.9
1780	240.0	100.0	4.0	0.0	42.0	39.4	1854	200.0	80.0	4.0	0.0	41.4	37.9
1781	250.0	100.0	4.0	0.0	41.8	39.0	1855	210.0	80.0	4.0	0.0	41.5	38.3
1782	260.0	100.0	4.0	0.0	41.6	38.7	1856	220.0	80.0	4.0	0.0	41.4	38.2
1783	270.0	100.0	4.0	0.0	41.4	38.3	1857	230.0	80.0	4.0	0.0	41.6	38.6
1784	280.0	100.0	4.0	0.0	41.2	38.0	1858	240.0	80.0	4.0	0.0	41.5	38.4
1785	290.0	100.0	4.0	0.0	41.1	37.7	1859	250.0	80.0	4.0	0.0	41.3	38.2
1786	300.0	100.0	4.0	0.0	41.0	37.4	1860	260.0	80.0	4.0	0.0	41.2	37.9
1787	310.0	100.0	4.0	0.0	40.9	37.2	1861	270.0	80.0	4.0	0.0	41.1	37.7
1788	320.0	100.0	4.0	0.0	40.8	37.0	1862	280.0	80.0	4.0	0.0	41.0	37.5

1863	290.0	80.0	4.0	0.0	40.9	37.3	1937	250.0	60.0	4.0	0.0	41.0	37.5
1864	300.0	80.0	4.0	0.0	40.8	37.1	1938	260.0	60.0	4.0	0.0	40.9	37.4
1865	310.0	80.0	4.0	0.0	40.7	36.9	1939	270.0	60.0	4.0	0.0	40.9	37.2
1866	320.0	80.0	4.0	0.0	40.7	36.7	1940	280.0	60.0	4.0	0.0	40.8	37.1
1867	330.0	80.0	4.0	0.0	40.6	36.6	1941	290.0	60.0	4.0	0.0	40.7	36.9
1868	340.0	80.0	4.0	0.0	40.5	36.5	1942	300.0	60.0	4.0	0.0	40.7	36.8
1869	350.0	80.0	4.0	0.0	40.5	36.3	1943	310.0	60.0	4.0	0.0	40.6	36.6
1870	360.0	80.0	4.0	0.0	40.4	36.2	1944	320.0	60.0	4.0	0.0	40.6	36.5
1871	370.0	80.0	4.0	0.0	40.4	36.1	1945	330.0	60.0	4.0	0.0	40.5	36.4
1872	380.0	80.0	4.0	0.0	40.4	36.0	1946	340.0	60.0	4.0	0.0	40.5	36.3
1873	0.0	70.0	4.0	0.0	40.4	35.9	1947	350.0	60.0	4.0	0.0	40.4	36.2
1874	10.0	70.0	4.0	0.0	40.4	35.9	1948	360.0	60.0	4.0	0.0	40.4	36.1
1875	20.0	70.0	4.0	0.0	40.4	36.0	1949	370.0	60.0	4.0	0.0	40.4	36.0
1876	30.0	70.0	4.0	0.0	40.5	36.1	1950	380.0	60.0	4.0	0.0	40.3	36.0
1877	40.0	70.0	4.0	0.0	40.5	36.2	1951	0.0	50.0	4.0	0.0	40.3	35.8
1878	50.0	70.0	4.0	0.0	40.6	36.3	1952	10.0	50.0	4.0	0.0	40.3	35.9
1879	60.0	70.0	4.0	0.0	40.6	36.4	1953	20.0	50.0	4.0	0.0	40.4	35.9
1880	70.0	70.0	4.0	0.0	40.7	36.5	1954	30.0	50.0	4.0	0.0	40.4	36.0
1881	80.0	70.0	4.0	0.0	40.8	36.7	1955	40.0	50.0	4.0	0.0	40.4	36.1
1882	90.0	70.0	4.0	0.0	40.9	36.8	1956	50.0	50.0	4.0	0.0	40.5	36.1
1883	100.0	70.0	4.0	0.0	41.0	37.0	1957	60.0	50.0	4.0	0.0	40.5	36.2
1884	110.0	70.0	4.0	0.0	41.1	37.2	1958	70.0	50.0	4.0	0.0	40.6	36.3
1885	120.0	70.0	4.0	0.0	41.4	37.3	1959	80.0	50.0	4.0	0.0	40.6	36.4
1886	130.0	70.0	4.0	0.0	41.9	37.0	1960	90.0	50.0	4.0	0.0	40.7	36.5
1887	140.0	70.0	4.0	0.0	45.2	37.2	1961	100.0	50.0	4.0	0.0	40.8	36.7
1888	150.0	70.0	4.0	0.0	43.2	37.2	1962	110.0	50.0	4.0	0.0	40.9	36.8
1889	160.0	70.0	4.0	0.0	41.8	37.3	1963	120.0	50.0	4.0	0.0	41.0	36.9
1890	170.0	70.0	4.0	0.0	41.5	37.5	1964	130.0	50.0	4.0	0.0	41.0	36.6
1891	180.0	70.0	4.0	0.0	41.3	37.6	1965	140.0	50.0	4.0	0.0	41.1	36.6
1892	190.0	70.0	4.0	0.0	41.2	37.5	1966	150.0	50.0	4.0	0.0	41.1	36.7
1893	200.0	70.0	4.0	0.0	41.1	37.4	1967	160.0	50.0	4.0	0.0	41.0	36.8
1894	210.0	70.0	4.0	0.0	41.4	38.1	1968	170.0	50.0	4.0	0.0	41.0	36.9
1895	220.0	70.0	4.0	0.0	41.3	38.0	1969	180.0	50.0	4.0	0.0	40.9	36.9
1896	230.0	70.0	4.0	0.0	41.4	38.1	1970	190.0	50.0	4.0	0.0	40.8	36.9
1897	240.0	70.0	4.0	0.0	41.3	38.0	1971	200.0	50.0	4.0	0.0	41.0	37.4
1898	250.0	70.0	4.0	0.0	41.2	37.8	1972	210.0	50.0	4.0	0.0	41.0	37.4
1899	260.0	70.0	4.0	0.0	41.1	37.6	1973	220.0	50.0	4.0	0.0	41.0	37.5
1900	270.0	70.0	4.0	0.0	41.0	37.4	1974	230.0	50.0	4.0	0.0	41.0	37.4
1901	280.0	70.0	4.0	0.0	40.9	37.3	1975	240.0	50.0	4.0	0.0	40.9	37.3
1902	290.0	70.0	4.0	0.0	40.8	37.1	1976	250.0	50.0	4.0	0.0	40.9	37.2
1903	300.0	70.0	4.0	0.0	40.7	36.9	1977	260.0	50.0	4.0	0.0	40.8	37.1
1904	310.0	70.0	4.0	0.0	40.7	36.8	1978	270.0	50.0	4.0	0.0	40.8	37.0
1905	320.0	70.0	4.0	0.0	40.6	36.6	1979	280.0	50.0	4.0	0.0	40.7	36.9
1906	330.0	70.0	4.0	0.0	40.6	36.5	1980	290.0	50.0	4.0	0.0	40.7	36.7
1907	340.0	70.0	4.0	0.0	40.5	36.4	1981	300.0	50.0	4.0	0.0	40.6	36.6
1908	350.0	70.0	4.0	0.0	40.5	36.3	1982	310.0	50.0	4.0	0.0	40.6	36.5
1909	360.0	70.0	4.0	0.0	40.4	36.2	1983	320.0	50.0	4.0	0.0	40.5	36.4
1910	370.0	70.0	4.0	0.0	40.4	36.1	1984	330.0	50.0	4.0	0.0	40.5	36.3
1911	380.0	70.0	4.0	0.0	40.4	36.0	1985	340.0	50.0	4.0	0.0	40.4	36.2
1912	0.0	60.0	4.0	0.0	40.3	35.8	1986	350.0	50.0	4.0	0.0	40.4	36.1
1913	10.0	60.0	4.0	0.0	40.4	35.9	1987	360.0	50.0	4.0	0.0	40.4	36.1
1914	20.0	60.0	4.0	0.0	40.4	36.0	1988	370.0	50.0	4.0	0.0	40.4	36.0
1915	30.0	60.0	4.0	0.0	40.4	36.0	1989	380.0	50.0	4.0	0.0	40.3	35.9
1916	40.0	60.0	4.0	0.0	40.5	36.1	1990	0.0	40.0	4.0	0.0	40.3	35.8
1917	50.0	60.0	4.0	0.0	40.5	36.2	1991	10.0	40.0	4.0	0.0	40.3	35.8
1918	60.0	60.0	4.0	0.0	40.6	36.3	1992	20.0	40.0	4.0	0.0	40.4	35.9
1919	70.0	60.0	4.0	0.0	40.6	36.4	1993	30.0	40.0	4.0	0.0	40.4	35.9
1920	80.0	60.0	4.0	0.0	40.7	36.5	1994	40.0	40.0	4.0	0.0	40.4	36.0
1921	90.0	60.0	4.0	0.0	40.8	36.7	1995	50.0	40.0	4.0	0.0	40.5	36.1
1922	100.0	60.0	4.0	0.0	40.9	36.8	1996	60.0	40.0	4.0	0.0	40.5	36.2
1923	110.0	60.0	4.0	0.0	41.0	37.0	1997	70.0	40.0	4.0	0.0	40.5	36.2
1924	120.0	60.0	4.0	0.0	41.2	37.1	1998	80.0	40.0	4.0	0.0	40.6	36.3
1925	130.0	60.0	4.0	0.0	41.5	36.8	1999	90.0	40.0	4.0	0.0	40.6	36.4
1926	140.0	60.0	4.0	0.0	43.1	36.9	2000	100.0	40.0	4.0	0.0	40.7	36.5
1927	150.0	60.0	4.0	0.0	41.8	36.9	2001	110.0	40.0	4.0	0.0	40.8	36.6
1928	160.0	60.0	4.0	0.0	41.3	37.0	2002	120.0	40.0	4.0	0.0	40.7	36.3
1929	170.0	60.0	4.0	0.0	41.2	37.1	2003	130.0	40.0	4.0	0.0	40.8	36.4
1930	180.0	60.0	4.0	0.0	41.1	37.2	2004	140.0	40.0	4.0	0.0	40.8	36.5
1931	190.0	60.0	4.0	0.0	41.0	37.2	2005	150.0	40.0	4.0	0.0	40.8	36.5
1932	200.0	60.0	4.0	0.0	41.0	37.2	2006	160.0	40.0	4.0	0.0	40.8	36.6
1933	210.0	60.0	4.0	0.0	41.2	37.7	2007	170.0	40.0	4.0	0.0	40.8	36.6
1934	220.0	60.0	4.0	0.0	41.2	37.9	2008	180.0	40.0	4.0	0.0	40.8	36.7
1935	230.0	60.0	4.0	0.0	41.2	37.8	2009	190.0	40.0	4.0	0.0	40.7	36.7
1936	240.0	60.0	4.0	0.0	41.1	37.6	2010	200.0	40.0	4.0	0.0	40.9	37.2

2011	210.0	40.0	4.0	0.0	40.9	37.1	2085	170.0	20.0	4.0	0.0	40.6	36.5
2012	220.0	40.0	4.0	0.0	40.9	37.2	2086	180.0	20.0	4.0	0.0	40.6	36.4
2013	230.0	40.0	4.0	0.0	40.9	37.1	2087	190.0	20.0	4.0	0.0	40.7	36.8
2014	240.0	40.0	4.0	0.0	40.8	37.1	2088	200.0	20.0	4.0	0.0	40.7	36.8
2015	250.0	40.0	4.0	0.0	40.8	37.0	2089	210.0	20.0	4.0	0.0	40.7	36.8
2016	260.0	40.0	4.0	0.0	40.7	36.9	2090	220.0	20.0	4.0	0.0	40.7	36.7
2017	270.0	40.0	4.0	0.0	40.7	36.8	2091	230.0	20.0	4.0	0.0	40.7	36.7
2018	280.0	40.0	4.0	0.0	40.7	36.7	2092	240.0	20.0	4.0	0.0	40.6	36.7
2019	290.0	40.0	4.0	0.0	40.6	36.6	2093	250.0	20.0	4.0	0.0	40.6	36.6
2020	300.0	40.0	4.0	0.0	40.6	36.5	2094	260.0	20.0	4.0	0.0	40.6	36.5
2021	310.0	40.0	4.0	0.0	40.5	36.4	2095	270.0	20.0	4.0	0.0	40.6	36.5
2022	320.0	40.0	4.0	0.0	40.5	36.3	2096	280.0	20.0	4.0	0.0	40.5	36.4
2023	330.0	40.0	4.0	0.0	40.5	36.2	2097	290.0	20.0	4.0	0.0	40.5	36.3
2024	340.0	40.0	4.0	0.0	40.4	36.1	2098	300.0	20.0	4.0	0.0	40.5	36.3
2025	350.0	40.0	4.0	0.0	40.4	36.1	2099	310.0	20.0	4.0	0.0	40.4	36.2
2026	360.0	40.0	4.0	0.0	40.4	36.0	2100	320.0	20.0	4.0	0.0	40.4	36.1
2027	370.0	40.0	4.0	0.0	40.3	35.9	2101	330.0	20.0	4.0	0.0	40.4	36.1
2028	380.0	40.0	4.0	0.0	40.3	35.9	2102	340.0	20.0	4.0	0.0	40.4	36.0
2029	0.0	30.0	4.0	0.0	40.3	35.7	2103	350.0	20.0	4.0	0.0	40.3	35.9
2030	10.0	30.0	4.0	0.0	40.3	35.8	2104	360.0	20.0	4.0	0.0	40.3	35.9
2031	20.0	30.0	4.0	0.0	40.3	35.8	2105	370.0	20.0	4.0	0.0	40.3	35.8
2032	30.0	30.0	4.0	0.0	40.4	35.9	2106	380.0	20.0	4.0	0.0	40.3	35.8
2033	40.0	30.0	4.0	0.0	40.4	35.9	2107	0.0	10.0	4.0	0.0	40.3	35.7
2034	50.0	30.0	4.0	0.0	40.4	36.0	2108	10.0	10.0	4.0	0.0	40.3	35.7
2035	60.0	30.0	4.0	0.0	40.5	36.1	2109	20.0	10.0	4.0	0.0	40.3	35.7
2036	70.0	30.0	4.0	0.0	40.5	36.2	2110	30.0	10.0	4.0	0.0	40.3	35.8
2037	80.0	30.0	4.0	0.0	40.5	36.2	2111	40.0	10.0	4.0	0.0	40.3	35.8
2038	90.0	30.0	4.0	0.0	40.6	36.3	2112	50.0	10.0	4.0	0.0	40.4	35.9
2039	100.0	30.0	4.0	0.0	40.6	36.4	2113	60.0	10.0	4.0	0.0	40.4	35.9
2040	110.0	30.0	4.0	0.0	40.7	36.5	2114	70.0	10.0	4.0	0.0	40.4	36.0
2041	120.0	30.0	4.0	0.0	40.6	36.3	2115	80.0	10.0	4.0	0.0	40.5	36.1
2042	130.0	30.0	4.0	0.0	40.7	36.4	2116	90.0	10.0	4.0	0.0	40.5	36.1
2043	140.0	30.0	4.0	0.0	40.7	36.5	2117	100.0	10.0	4.0	0.0	40.5	36.2
2044	150.0	30.0	4.0	0.0	40.7	36.4	2118	110.0	10.0	4.0	0.0	40.5	36.2
2045	160.0	30.0	4.0	0.0	40.7	36.5	2119	120.0	10.0	4.0	0.0	40.5	36.2
2046	170.0	30.0	4.0	0.0	40.7	36.5	2120	130.0	10.0	4.0	0.0	40.5	36.3
2047	180.0	30.0	4.0	0.0	40.6	36.5	2121	140.0	10.0	4.0	0.0	40.6	36.3
2048	190.0	30.0	4.0	0.0	40.7	36.8	2122	150.0	10.0	4.0	0.0	40.5	36.3
2049	200.0	30.0	4.0	0.0	40.8	36.9	2123	160.0	10.0	4.0	0.0	40.6	36.3
2050	210.0	30.0	4.0	0.0	40.8	37.0	2124	170.0	10.0	4.0	0.0	40.6	36.3
2051	220.0	30.0	4.0	0.0	40.8	37.0	2125	180.0	10.0	4.0	0.0	40.5	36.3
2052	230.0	30.0	4.0	0.0	40.8	36.9	2126	190.0	10.0	4.0	0.0	40.6	36.6
2053	240.0	30.0	4.0	0.0	40.7	36.9	2127	200.0	10.0	4.0	0.0	40.6	36.6
2054	250.0	30.0	4.0	0.0	40.7	36.8	2128	210.0	10.0	4.0	0.0	40.6	36.6
2055	260.0	30.0	4.0	0.0	40.7	36.7	2129	220.0	10.0	4.0	0.0	40.6	36.6
2056	270.0	30.0	4.0	0.0	40.6	36.6	2130	230.0	10.0	4.0	0.0	40.6	36.5
2057	280.0	30.0	4.0	0.0	40.6	36.5	2131	240.0	10.0	4.0	0.0	40.6	36.5
2058	290.0	30.0	4.0	0.0	40.6	36.5	2132	250.0	10.0	4.0	0.0	40.6	36.5
2059	300.0	30.0	4.0	0.0	40.5	36.4	2133	260.0	10.0	4.0	0.0	40.5	36.4
2060	310.0	30.0	4.0	0.0	40.5	36.3	2134	270.0	10.0	4.0	0.0	40.5	36.3
2061	320.0	30.0	4.0	0.0	40.5	36.2	2135	280.0	10.0	4.0	0.0	40.5	36.3
2062	330.0	30.0	4.0	0.0	40.4	36.1	2136	290.0	10.0	4.0	0.0	40.5	36.2
2063	340.0	30.0	4.0	0.0	40.4	36.1	2137	300.0	10.0	4.0	0.0	40.4	36.2
2064	350.0	30.0	4.0	0.0	40.4	36.0	2138	310.0	10.0	4.0	0.0	40.4	36.1
2065	360.0	30.0	4.0	0.0	40.3	35.9	2139	320.0	10.0	4.0	0.0	40.4	36.1
2066	370.0	30.0	4.0	0.0	40.3	35.9	2140	330.0	10.0	4.0	0.0	40.4	36.0
2067	380.0	30.0	4.0	0.0	40.3	35.8	2141	340.0	10.0	4.0	0.0	40.3	35.9
2068	0.0	20.0	4.0	0.0	40.3	35.7	2142	350.0	10.0	4.0	0.0	40.3	35.9
2069	10.0	20.0	4.0	0.0	40.3	35.7	2143	360.0	10.0	4.0	0.0	40.3	35.8
2070	20.0	20.0	4.0	0.0	40.3	35.8	2144	370.0	10.0	4.0	0.0	40.3	35.8
2071	30.0	20.0	4.0	0.0	40.3	35.8	2145	380.0	10.0	4.0	0.0	40.3	35.7
2072	40.0	20.0	4.0	0.0	40.4	35.9	2146	0.0	0.0	4.0	0.0	40.3	35.6
2073	50.0	20.0	4.0	0.0	40.4	36.0	2147	10.0	0.0	4.0	0.0	40.3	35.7
2074	60.0	20.0	4.0	0.0	40.4	36.0	2148	20.0	0.0	4.0	0.0	40.3	35.7
2075	70.0	20.0	4.0	0.0	40.5	36.1	2149	30.0	0.0	4.0	0.0	40.3	35.7
2076	80.0	20.0	4.0	0.0	40.5	36.1	2150	40.0	0.0	4.0	0.0	40.3	35.8
2077	90.0	20.0	4.0	0.0	40.5	36.2	2151	50.0	0.0	4.0	0.0	40.3	35.8
2078	100.0	20.0	4.0	0.0	40.5	36.3	2152	60.0	0.0	4.0	0.0	40.4	35.9
2079	110.0	20.0	4.0	0.0	40.5	36.3	2153	70.0	0.0	4.0	0.0	40.4	35.9
2080	120.0	20.0	4.0	0.0	40.5	36.2	2154	80.0	0.0	4.0	0.0	40.4	36.0
2081	130.0	20.0	4.0	0.0	40.6	36.3	2155	90.0	0.0	4.0	0.0	40.4	36.0
2082	140.0	20.0	4.0	0.0	40.6	36.3	2156	100.0	0.0	4.0	0.0	40.4	36.1
2083	150.0	20.0	4.0	0.0	40.6	36.4	2157	110.0	0.0	4.0	0.0	40.4	36.1
2084	160.0	20.0	4.0	0.0	40.6	36.4	2158	120.0	0.0	4.0	0.0	40.5	36.1

2159	130.0	0.0	4.0	0.0	40.5	36.2	2174	280.0	0.0	4.0	0.0	40.4	36.2
2160	140.0	0.0	4.0	0.0	40.5	36.2	2175	290.0	0.0	4.0	0.0	40.4	36.1
2161	150.0	0.0	4.0	0.0	40.5	36.2	2176	300.0	0.0	4.0	0.0	40.4	36.1
2162	160.0	0.0	4.0	0.0	40.5	36.3	2177	310.0	0.0	4.0	0.0	40.4	36.0
2163	170.0	0.0	4.0	0.0	40.5	36.2	2178	320.0	0.0	4.0	0.0	40.4	36.0
2164	180.0	0.0	4.0	0.0	40.6	36.4	2179	330.0	0.0	4.0	0.0	40.3	35.9
2165	190.0	0.0	4.0	0.0	40.6	36.4	2180	340.0	0.0	4.0	0.0	40.3	35.9
2166	200.0	0.0	4.0	0.0	40.6	36.4	2181	350.0	0.0	4.0	0.0	40.3	35.8
2167	210.0	0.0	4.0	0.0	40.6	36.4	2182	360.0	0.0	4.0	0.0	40.3	35.8
2168	220.0	0.0	4.0	0.0	40.5	36.4	2183	370.0	0.0	4.0	0.0	40.3	35.7
2169	230.0	0.0	4.0	0.0	40.5	36.4	2184	380.0	0.0	4.0	0.0	40.2	35.7
2170	240.0	0.0	4.0	0.0	40.5	36.4							
2171	250.0	0.0	4.0	0.0	40.5	36.3							
2172	260.0	0.0	4.0	0.0	40.5	36.3							
2173	270.0	0.0	4.0	0.0	40.5	36.2							

Tłumienie przez grunt wg wzoru 9 PN-ISO 9613.

LAeq , dzień: wartość największa poza terenem zakładu występuje w punkcie (170,160,4.0) i wynosi 49.2dB(A)
LAeq , noc: wartość największa poza terenem zakładu występuje w punkcie (170,160,4.0) i wynosi 45.5 dB(A)

RÓWNOWAŻNY POZIOM DŹWIĘKU W PUNKTACH DODATKOWYCH (NA TERENIE ZABUDOWY CHRONIONEJ AKUSTYCZNIE)

Nr punktu	Współrzędne punktów x m	y m	z m	Poziom dźwięku A pora dnia dB(A)	pora nocy dB(A)
p1	167.3	75.8	4.0	41.8	37.7
p2	117.6	103.5	4.0	41.8	38.1
p3	42.8	111.7	4.0	40.6	36.5
p4	228.0	36.8	4.0	40.8	37.1