

Z.U.O. "EKO - SOFT"
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 HAŁAS PRZEMYSŁOWY I DROGOWY
 PROGRAM SON2 WERSJA 5.2

Właściciel licencji: EKOART - Ochrona Środowiska
 Przedsiębiorstwo Wielobranżowe Artur Święczkowski
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 Licencja nr AŚ/84022/S12/07/10 z dnia 09.09.2010

I. DANE WEJŚCIOWE

1. Nazwa projektu:

Gospodarstwo Rolne Andrzej Śmiątek - ferma bydła i świń - budowa chlewni w m. Kozjaty

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 mieszany, wskaźnik gruntu G = 0.80

6. Punktowe źródła hałasu

Lp	Symbol	Współrzędne źródła				ht	Rodzaj źródła	LAW	tD	tN	Do
		x	y	z	z						
		m	m	m	m						
1	W1	304.8	238.8	5.0	0.0	wszechkier.	81.0	8.000	1.000		
2	W2	312.6	243.7	5.0	0.0	wszechkier.	81.0	8.000	1.000		
3	W3	320.7	247.6	5.0	0.0	wszechkier.	81.0	8.000	1.000		
4	W4	260.2	248.1	7.0	0.0	wszechkier.	81.0	8.000	1.000		
5	W5	262.0	254.0	7.0	0.0	wszechkier.	81.0	8.000	1.000		
6	W6	269.6	252.9	7.0	0.0	wszechkier.	81.0	8.000	1.000		
7	W7	271.3	258.1	7.0	0.0	wszechkier.	81.0	8.000	1.000		
8	W8	278.5	257.9	7.0	0.0	wszechkier.	81.0	8.000	1.000		
9	W9	281.3	263.3	7.0	0.0	wszechkier.	81.0	8.000	1.000		
10	W10	288.3	262.6	7.0	0.0	wszechkier.	81.0	8.000	1.000		
11	W11	291.7	268.5	7.0	0.0	wszechkier.	81.0	8.000	1.000		
12	W12	298.5	268.1	7.0	0.0	wszechkier.	81.0	8.000	1.000		
13	W13	301.1	273.1	7.0	0.0	wszechkier.	81.0	8.000	1.000		
14	W14	307.2	273.1	7.0	0.0	wszechkier.	81.0	8.000	1.000		
15	W15	310.7	278.7	7.0	0.0	wszechkier.	81.0	8.000	1.000		
16	W16	317.6	277.2	7.0	0.0	wszechkier.	81.0	8.000	1.000		
17	W17	320.0	283.5	7.0	0.0	wszechkier.	81.0	8.000	1.000		
18	W18	327.8	282.9	7.0	0.0	wszechkier.	81.0	8.000	1.000		
19	W19	328.5	287.8	7.0	0.0	wszechkier.	81.0	8.000	1.000		
20	W20	335.6	287.2	7.0	0.0	wszechkier.	81.0	8.000	1.000		
21	W21	337.8	292.6	7.0	0.0	wszechkier.	81.0	8.000	1.000		
22	S1	328.5	248.5	1.5	0.0	wszechkier.	90.0	0.330			
23	S2	326.3	252.4	1.5	0.0	wszechkier.	90.0	0.330			
24	S3	352.4	290.7	1.5	0.0	wszechkier.	90.0	0.330			

z - wysokość źródła nad gruntem ; ht - wysokość gruntu względem płaszczyzny odniesienia

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				Koniec				LAW	LAW	D0
		x1	y1	z1	h1t	x2	y2	z2	h2t			
		[m]	[m]	[m]	[m]	[m]	[m]	[m]	[m]	dB	dB	dB
1	L1	424.0	286.3	1.2	0.0	263.5	203.5	1.2	0.0	72.0		
2	L1	263.5	203.5	1.2	0.0	241.8	243.3	1.2	0.0	72.0		
3	L2	422.7	287.9	1.2	0.0	265.0	208.1	1.2	0.0	99.0		
4	L2	265.0	208.1	1.2	0.0	246.6	244.8	1.2	0.0	99.0		

z - wysokość źródła nad gruntem ; ht - wysokość gruntu względem płaszczyzny odniesienia

L_{AW 8hD} - równowazny poziom mocy akustycznej źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia

L_{AW 1hN} - równowazny poziom mocy akustycznej źródła w przedziale 1 najmniej korzystnej godziny nocy

8. Źródła hałasu typu budynek

Lp	Symbol	Współrzędne wierzchołków źródła [m]								ho h1 ht		
		A(x1, y1)		B(x2, y2)		C(x3, y3)		D(x4, y4)		m	m	m
1	B1	304.8	214.2	335.6	230.9	342.4	219.2	311.9	202.5	0.0	4.5	0.0
2	B2	296.1	241.4	322.2	255.3	328.0	245.3	301.7	231.1	0.0	5.0	0.0
3	B3	249.0	254.4	341.9	302.6	350.4	287.2	256.8	238.8	0.0	6.5	0.0

ho, h1 - odpowiednio wysokość podstawy i wysokość źródła nad gruntem
ht - wysokość gruntu względem płaszczyzny odniesienia

8.1 Opis ścian budynków

Lp	Budynek	Wielkość	Jedn.	Ściana AB	Ściana BC	Ściana CD	Ściana DA	dach
1	B1	Wsp. odbicia	-	0.8	1.0	1.0	1.0	1.0
		L _A wew dzień	dB(A)	84.0	84.0	84.0	84.0	84.0
		L _A wew 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
2	B2	Wsp. odbicia	-	0.8	1.0	1.0	1.0	1.0
		L _A wew dzień	dB(A)	84.0	84.0	84.0	84.0	84.0
		L _A wew 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
3	B3	Wsp. odbicia	-	0.8	1.0	1.0	1.0	1.0
		L _A wew dzień	dB(A)	84.0	84.0	84.0	84.0	84.0
		L _A wew 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

L_Awew dzień - poziom dźwięku A wewnątrz budynku w przedziale 8 kolejnych najmniej korzystnych godzin dnia
L_Awew noc - poziom dźwięku A wewnątrz budynku w ciągu 1 najmniej korzystnej godziny nocy

9. Ekran - budynki

Lp	Symbol	Wiaty	Współrzędne x,y wierzchołków ekranu [m]								ho h1 ht Współczynniki					
			(W)		x1	y1	x2	y2	x3	y3	x4	y4	m	m	m	odbicia ścian nr 1-4
1	E1	314.3	198.3	322.6	184.9	328.5	187.9	319.8	201.8	0.0	4.0	0.0	1.0	1.0	1.0	1.0
2	E1	323.9	195.5	360.8	211.8	363.7	204.6	328.7	188.4	0.0	4.0	0.0	1.0	1.0	1.0	1.0
3	E2	333.2	267.6	355.2	278.9	365.2	260.5	343.2	248.9	0.0	6.0	0.0	1.0	1.0	1.0	1.0
4	E3	346.1	229.8	353.4	234.2	362.6	217.5	354.5	213.6	0.0	6.0	0.0	1.0	1.0	1.0	1.0

10. Współrzędne wierzchołków wieloboku terenu zakładu

Lp	Współrzędne wierzchołków	
	x	y
	m	m
1	0.6	101.2
2	124.5	214.6
3	375.2	382.4
4	448.0	246.8
5	354.7	199.6
6	323.0	184.0
7	319.1	189.0
8	256.3	159.5
9	60.6	20.0
10	1.7	44.5

Koniec danych

911	580.0	330.0	4.0	0.0	42.7	37.5	988	640.0	320.0	4.0	0.0	41.9	36.8
912	590.0	330.0	4.0	0.0	42.5	37.3	989	650.0	320.0	4.0	0.0	41.8	36.7
913	600.0	330.0	4.0	0.0	42.3	37.2	990	660.0	320.0	4.0	0.0	41.7	36.6
914	610.0	330.0	4.0	0.0	42.2	37.1	991	670.0	320.0	4.0	0.0	41.6	36.6
915	620.0	330.0	4.0	0.0	42.1	37.0	992	680.0	320.0	4.0	0.0	41.5	36.5
916	630.0	330.0	4.0	0.0	42.0	36.9	993	690.0	320.0	4.0	0.0	41.5	36.4
917	640.0	330.0	4.0	0.0	41.9	36.8	994	700.0	320.0	4.0	0.0	41.4	36.4
918	650.0	330.0	4.0	0.0	41.8	36.7	995	0.0	310.0	4.0	0.0	42.3	37.2
919	660.0	330.0	4.0	0.0	41.7	36.6	996	10.0	310.0	4.0	0.0	42.4	37.3
920	670.0	330.0	4.0	0.0	41.7	36.6	997	20.0	310.0	4.0	0.0	42.5	37.5
921	680.0	330.0	4.0	0.0	41.6	36.5	998	30.0	310.0	4.0	0.0	42.7	37.6
922	690.0	330.0	4.0	0.0	41.5	36.4	999	40.0	310.0	4.0	0.0	42.9	37.8
923	700.0	330.0	4.0	0.0	41.4	36.4	1000	50.0	310.0	4.0	0.0	43.0	37.9
924	0.0	320.0	4.0	0.0	42.2	37.2	1001	60.0	310.0	4.0	0.0	43.2	38.1
925	10.0	320.0	4.0	0.0	42.4	37.3	1002	70.0	310.0	4.0	0.0	43.4	38.3
926	20.0	320.0	4.0	0.0	42.5	37.4	1003	80.0	310.0	4.0	0.0	43.6	38.5
927	30.0	320.0	4.0	0.0	42.6	37.6	1004	90.0	310.0	4.0	0.0	43.9	38.8
928	40.0	320.0	4.0	0.0	42.8	37.7	1005	100.0	310.0	4.0	0.0	44.1	39.0
929	50.0	320.0	4.0	0.0	43.0	37.9	1006	110.0	310.0	4.0	0.0	44.4	39.3
930	60.0	320.0	4.0	0.0	43.1	38.1	1007	120.0	310.0	4.0	0.0	44.7	39.6
931	70.0	320.0	4.0	0.0	43.3	38.3	1008	130.0	310.0	4.0	0.0	45.0	40.0
932	80.0	320.0	4.0	0.0	43.5	38.5	1009	140.0	310.0	4.0	0.0	45.3	40.3
933	90.0	320.0	4.0	0.0	43.7	38.7	1010	150.0	310.0	4.0	0.0	45.7	40.7
934	100.0	320.0	4.0	0.0	44.0	39.0	1011	160.0	310.0	4.0	0.0	46.1	41.1
935	110.0	320.0	4.0	0.0	44.2	39.2	1012	170.0	310.0	4.0	0.0	46.6	41.6
936	120.0	320.0	4.0	0.0	44.5	39.5	1013	180.0	310.0	4.0	0.0	47.1	42.1
937	130.0	320.0	4.0	0.0	44.8	39.8	1014	190.0	310.0	4.0	0.0	47.4	42.7
938	140.0	320.0	4.0	0.0	45.1	40.2	1015	200.0	310.0	4.0	0.0	47.9	43.3
939	150.0	320.0	4.0	0.0	45.4	40.6	1016	210.0	310.0	4.0	0.0	47.8	44.0
940	160.0	320.0	4.0	0.0	45.8	41.0	1017	220.0	310.0	4.0	0.0	48.3	44.7
941	170.0	320.0	4.0	0.0	46.3	41.4	1018	230.0	310.0	4.0	0.0	48.8	45.4
942	180.0	320.0	4.0	0.0	46.5	41.9	1019	240.0	310.0	4.0	0.0	48.2	45.2
943	190.0	320.0	4.0	0.0	46.9	42.4	1020	250.0	310.0	4.0	0.0	46.9	45.3
944	200.0	320.0	4.0	0.0	46.8	42.9	1021	260.0	310.0	4.0	0.0	47.2	46.1
945	210.0	320.0	4.0	0.0	47.2	43.5	1022	270.0	310.0	4.0	0.0	47.8	46.8
946	220.0	320.0	4.0	0.0	47.6	44.1	1023	280.0	310.0	4.0	0.0	47.8	46.8
947	230.0	320.0	4.0	0.0	47.7	44.8	1024	290.0	310.0	4.0	0.0	46.3	44.9
948	240.0	320.0	4.0	0.0	47.9	45.4	1025	300.0	310.0	4.0	0.0	46.8	45.4
949	250.0	320.0	4.0	0.0	47.3	46.1	1026	310.0	310.0	4.0	0.0	47.3	45.9
950	260.0	320.0	4.0	0.0	46.8	45.6	1027	320.0	310.0	4.0	0.0	47.5	46.1
951	270.0	320.0	4.0	0.0	46.9	45.7	1028	330.0	310.0	4.0	0.0	47.7	45.7
952	280.0	320.0	4.0	0.0	47.4	46.3	1029	340.0	310.0	4.0	0.0	48.1	44.4
953	290.0	320.0	4.0	0.0	47.9	46.8	1030	350.0	310.0	4.0	0.0	49.2	43.7
954	300.0	320.0	4.0	0.0	47.3	46.0	1031	360.0	310.0	4.0	0.0	50.0	44.2
955	310.0	320.0	4.0	0.0	46.4	44.4	1032	370.0	310.0	4.0	0.0	49.7	42.1
956	320.0	320.0	4.0	0.0	46.6	44.5	1033	380.0	310.0	4.0	0.0	50.6	41.4
957	330.0	320.0	4.0	0.0	47.2	44.4	1034	390.0	310.0	4.0	0.0	51.0	41.4
958	340.0	320.0	4.0	0.0	47.9	43.9	1035	400.0	310.0	4.0	0.0	51.6	40.6
959	350.0	320.0	4.0	0.0	48.0	42.9	1036	410.0	310.0	4.0	0.0	51.4	40.0
960	360.0	320.0	4.0	0.0	48.5	42.2	1037	420.0	310.0	4.0	0.0	50.9	39.9
961	370.0	320.0	4.0	0.0	48.8	42.8	1038	430.0	310.0	4.0	0.0	50.0	39.4
962	380.0	320.0	4.0	0.0	49.0	41.9	1039	440.0	310.0	4.0	0.0	48.6	39.0
963	390.0	320.0	4.0	0.0	49.4	41.2	1040	450.0	310.0	4.0	0.0	47.2	38.9
964	400.0	320.0	4.0	0.0	49.3	40.4	1041	460.0	310.0	4.0	0.0	46.4	38.6
965	410.0	320.0	4.0	0.0	49.5	40.3	1042	470.0	310.0	4.0	0.0	45.9	39.0
966	420.0	320.0	4.0	0.0	49.1	39.8	1043	480.0	310.0	4.0	0.0	45.2	38.9
967	430.0	320.0	4.0	0.0	48.3	39.3	1044	490.0	310.0	4.0	0.0	44.7	38.5
968	440.0	320.0	4.0	0.0	47.4	39.2	1045	500.0	310.0	4.0	0.0	44.3	38.4
969	450.0	320.0	4.0	0.0	46.6	38.8	1046	510.0	310.0	4.0	0.0	44.0	38.5
970	460.0	320.0	4.0	0.0	46.0	38.7	1047	520.0	310.0	4.0	0.0	43.8	38.4
971	470.0	320.0	4.0	0.0	45.2	38.4	1048	530.0	310.0	4.0	0.0	43.6	38.2
972	480.0	320.0	4.0	0.0	44.9	38.1	1049	540.0	310.0	4.0	0.0	43.4	38.1
973	490.0	320.0	4.0	0.0	44.6	38.4	1050	550.0	310.0	4.0	0.0	43.2	37.9
974	500.0	320.0	4.0	0.0	44.2	38.4	1051	560.0	310.0	4.0	0.0	43.0	37.8
975	510.0	320.0	4.0	0.0	43.9	38.2	1052	570.0	310.0	4.0	0.0	42.8	37.7
976	520.0	320.0	4.0	0.0	43.6	38.0	1053	580.0	310.0	4.0	0.0	42.6	37.5
977	530.0	320.0	4.0	0.0	43.5	38.2	1054	590.0	310.0	4.0	0.0	42.5	37.4
978	540.0	320.0	4.0	0.0	43.3	38.1	1055	600.0	310.0	4.0	0.0	42.4	37.3
979	550.0	320.0	4.0	0.0	43.1	37.9	1056	610.0	310.0	4.0	0.0	42.3	37.1
980	560.0	320.0	4.0	0.0	43.0	37.8	1057	620.0	310.0	4.0	0.0	42.1	37.0
981	570.0	320.0	4.0	0.0	42.8	37.7	1058	630.0	310.0	4.0	0.0	42.0	36.9
982	580.0	320.0	4.0	0.0	42.6	37.5	1059	640.0	310.0	4.0	0.0	41.9	36.8
983	590.0	320.0	4.0	0.0	42.5	37.4	1060	650.0	310.0	4.0	0.0	41.8	36.7
984	600.0	320.0	4.0	0.0	42.4	37.3	1061	660.0	310.0	4.0	0.0	41.7	36.7
985	610.0	320.0	4.0	0.0	42.2	37.1	1062	670.0	310.0	4.0	0.0	41.6	36.6
986	620.0	320.0	4.0	0.0	42.1	37.0	1063	680.0	310.0	4.0	0.0	41.5	36.5
987	630.0	320.0	4.0	0.0	42.0	36.9	1064	690.0	310.0	4.0	0.0	41.5	36.5

1065	700.0	310.0	4.0	0.0	41.5	36.4	1143	60.0	290.0	4.0	0.0	43.3	38.2
1066	0.0	300.0	4.0	0.0	42.3	37.2	1144	70.0	290.0	4.0	0.0	43.5	38.4
1067	10.0	300.0	4.0	0.0	42.4	37.4	1145	80.0	290.0	4.0	0.0	43.8	38.6
1068	20.0	300.0	4.0	0.0	42.6	37.5	1146	90.0	290.0	4.0	0.0	44.1	38.9
1069	30.0	300.0	4.0	0.0	42.7	37.6	1147	100.0	290.0	4.0	0.0	44.4	39.1
1070	40.0	300.0	4.0	0.0	42.9	37.8	1148	110.0	290.0	4.0	0.0	44.7	39.4
1071	50.0	300.0	4.0	0.0	43.1	38.0	1149	120.0	290.0	4.0	0.0	45.0	39.8
1072	60.0	300.0	4.0	0.0	43.2	38.2	1150	130.0	290.0	4.0	0.0	45.4	40.1
1073	70.0	300.0	4.0	0.0	43.5	38.4	1151	140.0	290.0	4.0	0.0	45.9	40.5
1074	80.0	300.0	4.0	0.0	43.7	38.6	1152	150.0	290.0	4.0	0.0	46.3	40.9
1075	90.0	300.0	4.0	0.0	44.0	38.8	1153	160.0	290.0	4.0	0.0	46.8	41.4
1076	100.0	300.0	4.0	0.0	44.2	39.1	1154	170.0	290.0	4.0	0.0	47.4	41.9
1077	110.0	300.0	4.0	0.0	44.5	39.4	1155	180.0	290.0	4.0	0.0	48.0	42.5
1078	120.0	300.0	4.0	0.0	44.9	39.7	1156	190.0	290.0	4.0	0.0	48.7	43.2
1079	130.0	300.0	4.0	0.0	45.2	40.0	1157	200.0	290.0	4.0	0.0	49.4	43.3
1080	140.0	300.0	4.0	0.0	45.6	40.4	1158	210.0	290.0	4.0	0.0	49.4	43.1
1081	150.0	300.0	4.0	0.0	46.0	40.8	1159	220.0	290.0	4.0	0.0	50.2	44.0
1082	160.0	300.0	4.0	0.0	46.5	41.3	1160	230.0	290.0	4.0	0.0	50.1	45.0
1083	170.0	300.0	4.0	0.0	47.0	41.8	1161	240.0	290.0	4.0	0.0	50.0	45.6
1084	180.0	300.0	4.0	0.0	47.6	42.3	1162	250.0	290.0	4.0	0.0	46.6	44.1
1085	190.0	300.0	4.0	0.0	48.2	43.0	1163	260.0	290.0	4.0	0.0	46.7	45.1
1086	200.0	300.0	4.0	0.0	48.5	43.6	1164	270.0	290.0	4.0	0.0	47.2	46.0
1087	210.0	300.0	4.0	0.0	49.1	44.4	1165	280.0	290.0	4.0	0.0	47.8	46.8
1088	220.0	300.0	4.0	0.0	48.7	44.3	1166	290.0	290.0	4.0	0.0	48.2	47.3
1089	230.0	300.0	4.0	0.0	49.0	44.4	1167	300.0	290.0	4.0	0.0	48.2	47.2
1090	240.0	300.0	4.0	0.0	48.9	45.3	1168	310.0	290.0	4.0	0.0	47.2	45.6
1091	250.0	300.0	4.0	0.0	47.7	46.2	1173	360.0	290.0	4.0	0.0	53.8	42.8
1092	260.0	300.0	4.0	0.0	47.6	46.5	1174	370.0	290.0	4.0	0.0	54.0	42.6
1093	270.0	300.0	4.0	0.0	46.3	44.8	1175	380.0	290.0	4.0	0.0	54.7	41.8
1094	280.0	300.0	4.0	0.0	46.8	45.5	1176	390.0	290.0	4.0	0.0	55.9	41.0
1095	290.0	300.0	4.0	0.0	47.3	46.2	1177	400.0	290.0	4.0	0.0	57.6	41.3
1096	300.0	300.0	4.0	0.0	47.8	46.8	1178	410.0	290.0	4.0	0.0	59.7	40.6
1097	310.0	300.0	4.0	0.0	48.2	47.1	1179	420.0	290.0	4.0	0.0	62.0	39.9
1098	320.0	300.0	4.0	0.0	47.9	46.7	1180	430.0	290.0	4.0	0.0	55.3	40.5
1099	330.0	300.0	4.0	0.0	46.3	44.6	1181	440.0	290.0	4.0	0.0	51.1	40.1
1101	350.0	300.0	4.0	0.0	51.2	42.1	1182	450.0	290.0	4.0	0.0	48.7	39.5
1102	360.0	300.0	4.0	0.0	51.2	43.1	1183	460.0	290.0	4.0	0.0	47.3	39.5
1103	370.0	300.0	4.0	0.0	52.3	42.4	1184	470.0	290.0	4.0	0.0	46.3	39.2
1104	380.0	300.0	4.0	0.0	52.4	41.5	1185	480.0	290.0	4.0	0.0	45.7	39.3
1105	390.0	300.0	4.0	0.0	53.1	40.7	1186	490.0	290.0	4.0	0.0	45.2	39.0
1106	400.0	300.0	4.0	0.0	54.0	40.8	1187	500.0	290.0	4.0	0.0	44.7	38.7
1107	410.0	300.0	4.0	0.0	54.6	40.1	1188	510.0	290.0	4.0	0.0	44.3	38.5
1108	420.0	300.0	4.0	0.0	54.4	40.1	1189	520.0	290.0	4.0	0.0	44.0	38.4
1109	430.0	300.0	4.0	0.0	52.3	39.6	1190	530.0	290.0	4.0	0.0	43.7	38.2
1110	440.0	300.0	4.0	0.0	49.9	39.3	1191	540.0	290.0	4.0	0.0	43.5	38.1
1111	450.0	300.0	4.0	0.0	48.3	39.6	1192	550.0	290.0	4.0	0.0	43.2	38.0
1112	460.0	300.0	4.0	0.0	47.0	39.6	1193	560.0	290.0	4.0	0.0	43.0	37.8
1113	470.0	300.0	4.0	0.0	46.0	39.2	1194	570.0	290.0	4.0	0.0	42.8	37.7
1114	480.0	300.0	4.0	0.0	45.3	38.8	1195	580.0	290.0	4.0	0.0	42.6	37.6
1115	490.0	300.0	4.0	0.0	44.8	38.7	1196	590.0	290.0	4.0	0.0	42.5	37.4
1116	500.0	300.0	4.0	0.0	44.6	38.8	1197	600.0	290.0	4.0	0.0	42.4	37.3
1117	510.0	300.0	4.0	0.0	44.2	38.6	1198	610.0	290.0	4.0	0.0	42.3	37.1
1118	520.0	300.0	4.0	0.0	43.9	38.4	1199	620.0	290.0	4.0	0.0	42.2	37.0
1119	530.0	300.0	4.0	0.0	43.6	38.2	1200	630.0	290.0	4.0	0.0	42.1	36.9
1120	540.0	300.0	4.0	0.0	43.4	38.1	1201	640.0	290.0	4.0	0.0	42.0	36.8
1121	550.0	300.0	4.0	0.0	43.2	37.9	1202	650.0	290.0	4.0	0.0	41.9	36.7
1122	560.0	300.0	4.0	0.0	43.0	37.8	1203	660.0	290.0	4.0	0.0	41.7	36.7
1123	570.0	300.0	4.0	0.0	42.9	37.7	1204	670.0	290.0	4.0	0.0	41.7	36.6
1124	580.0	300.0	4.0	0.0	42.7	37.5	1205	680.0	290.0	4.0	0.0	41.6	36.5
1125	590.0	300.0	4.0	0.0	42.5	37.4	1206	690.0	290.0	4.0	0.0	41.6	36.5
1126	600.0	300.0	4.0	0.0	42.3	37.3	1207	700.0	290.0	4.0	0.0	41.5	36.4
1127	610.0	300.0	4.0	0.0	42.2	37.2	1208	0.0	280.0	4.0	0.0	42.4	37.3
1128	620.0	300.0	4.0	0.0	42.1	37.0	1209	10.0	280.0	4.0	0.0	42.5	37.4
1129	630.0	300.0	4.0	0.0	42.0	36.9	1210	20.0	280.0	4.0	0.0	42.7	37.5
1130	640.0	300.0	4.0	0.0	41.9	36.9	1211	30.0	280.0	4.0	0.0	42.8	37.7
1131	650.0	300.0	4.0	0.0	41.9	36.7	1212	40.0	280.0	4.0	0.0	43.0	37.8
1132	660.0	300.0	4.0	0.0	41.8	36.7	1213	50.0	280.0	4.0	0.0	43.2	38.0
1133	670.0	300.0	4.0	0.0	41.7	36.6	1214	60.0	280.0	4.0	0.0	43.4	38.2
1134	680.0	300.0	4.0	0.0	41.6	36.5	1215	70.0	280.0	4.0	0.0	43.6	38.4
1135	690.0	300.0	4.0	0.0	41.5	36.4	1216	80.0	280.0	4.0	0.0	43.8	38.7
1136	700.0	300.0	4.0	0.0	41.5	36.4	1217	90.0	280.0	4.0	0.0	44.1	38.9
1137	0.0	290.0	4.0	0.0	42.3	37.2	1218	100.0	280.0	4.0	0.0	44.4	39.2
1138	10.0	290.0	4.0	0.0	42.5	37.4	1219	110.0	280.0	4.0	0.0	44.7	39.5
1139	20.0	290.0	4.0	0.0	42.6	37.5	1220	120.0	280.0	4.0	0.0	45.2	39.8
1140	30.0	290.0	4.0	0.0	42.8	37.7	1221	130.0	280.0	4.0	0.0	45.6	40.2
1141	40.0	290.0	4.0	0.0	42.9	37.8	1222	140.0	280.0	4.0	0.0	46.0	40.6
1142	50.0	290.0	4.0	0.0	43.1	38.0	1223	150.0	280.0	4.0	0.0	46.6	41.0

1224	160.0	280.0	4.0	0.0	47.2	41.5	1306	270.0	270.0	4.0	0.0	47.4	45.7
1225	170.0	280.0	4.0	0.0	47.8	42.1	1312	330.0	270.0	4.0	0.0	54.9	47.7
1226	180.0	280.0	4.0	0.0	48.4	42.5	1316	370.0	270.0	4.0	0.0	60.4	41.9
1227	190.0	280.0	4.0	0.0	49.0	42.2	1317	380.0	270.0	4.0	0.0	63.7	41.5
1228	200.0	280.0	4.0	0.0	49.8	42.6	1318	390.0	270.0	4.0	0.0	65.6	41.2
1229	210.0	280.0	4.0	0.0	50.8	43.4	1319	400.0	270.0	4.0	0.0	61.6	41.4
1230	220.0	280.0	4.0	0.0	52.4	44.3	1320	410.0	270.0	4.0	0.0	58.5	41.3
1231	230.0	280.0	4.0	0.0	50.9	42.6	1321	420.0	270.0	4.0	0.0	55.8	40.9
1232	240.0	280.0	4.0	0.0	51.5	43.8	1322	430.0	270.0	4.0	0.0	53.0	40.1
1233	250.0	280.0	4.0	0.0	47.7	45.0	1323	440.0	270.0	4.0	0.0	50.6	40.4
1234	260.0	280.0	4.0	0.0	47.6	46.2	1324	450.0	270.0	4.0	0.0	48.8	40.0
1235	270.0	280.0	4.0	0.0	48.1	47.0	1325	460.0	270.0	4.0	0.0	47.5	39.7
1236	280.0	280.0	4.0	0.0	48.2	47.1	1326	470.0	270.0	4.0	0.0	46.5	39.3
1237	290.0	280.0	4.0	0.0	47.3	45.8	1327	480.0	270.0	4.0	0.0	45.7	39.1
1243	350.0	280.0	4.0	0.0	51.8	45.0	1328	490.0	270.0	4.0	0.0	45.1	38.9
1244	360.0	280.0	4.0	0.0	54.8	44.2	1329	500.0	270.0	4.0	0.0	44.7	38.7
1245	370.0	280.0	4.0	0.0	56.1	43.3	1330	510.0	270.0	4.0	0.0	44.3	38.5
1246	380.0	280.0	4.0	0.0	57.9	42.4	1331	520.0	270.0	4.0	0.0	44.1	38.4
1247	390.0	280.0	4.0	0.0	60.2	41.4	1332	530.0	270.0	4.0	0.0	43.8	38.2
1248	400.0	280.0	4.0	0.0	63.8	40.5	1333	540.0	270.0	4.0	0.0	43.5	38.1
1249	410.0	280.0	4.0	0.0	65.4	41.5	1334	550.0	270.0	4.0	0.0	43.1	38.0
1250	420.0	280.0	4.0	0.0	60.6	40.8	1335	560.0	270.0	4.0	0.0	43.1	37.9
1251	430.0	280.0	4.0	0.0	55.0	40.3	1336	570.0	270.0	4.0	0.0	42.9	37.7
1252	440.0	280.0	4.0	0.0	51.2	39.9	1337	580.0	270.0	4.0	0.0	42.7	37.6
1253	450.0	280.0	4.0	0.0	48.9	39.5	1338	590.0	270.0	4.0	0.0	42.6	37.4
1254	460.0	280.0	4.0	0.0	47.6	39.8	1339	600.0	270.0	4.0	0.0	42.4	37.3
1255	470.0	280.0	4.0	0.0	46.6	39.5	1340	610.0	270.0	4.0	0.0	42.3	37.2
1256	480.0	280.0	4.0	0.0	45.9	39.2	1341	620.0	270.0	4.0	0.0	42.2	37.1
1257	490.0	280.0	4.0	0.0	45.2	39.0	1342	630.0	270.0	4.0	0.0	42.1	36.9
1258	500.0	280.0	4.0	0.0	44.7	38.8	1343	640.0	270.0	4.0	0.0	41.9	36.8
1259	510.0	280.0	4.0	0.0	44.3	38.6	1344	650.0	270.0	4.0	0.0	41.9	36.8
1260	520.0	280.0	4.0	0.0	44.0	38.4	1345	660.0	270.0	4.0	0.0	41.8	36.7
1261	530.0	280.0	4.0	0.0	43.6	38.2	1346	670.0	270.0	4.0	0.0	41.7	36.6
1262	540.0	280.0	4.0	0.0	43.4	38.0	1347	680.0	270.0	4.0	0.0	41.6	36.5
1263	550.0	280.0	4.0	0.0	43.2	37.9	1348	690.0	270.0	4.0	0.0	41.5	36.5
1264	560.0	280.0	4.0	0.0	43.1	37.8	1349	700.0	270.0	4.0	0.0	41.5	36.4
1265	570.0	280.0	4.0	0.0	42.9	37.7	1350	0.0	260.0	4.0	0.0	42.5	37.3
1266	580.0	280.0	4.0	0.0	42.7	37.5	1351	10.0	260.0	4.0	0.0	42.6	37.4
1267	590.0	280.0	4.0	0.0	42.6	37.4	1352	20.0	260.0	4.0	0.0	42.8	37.5
1268	600.0	280.0	4.0	0.0	42.4	37.3	1353	30.0	260.0	4.0	0.0	43.0	37.7
1269	610.0	280.0	4.0	0.0	42.3	37.2	1354	40.0	260.0	4.0	0.0	43.1	37.9
1270	620.0	280.0	4.0	0.0	42.2	37.0	1355	50.0	260.0	4.0	0.0	43.3	38.0
1271	630.0	280.0	4.0	0.0	42.1	36.9	1356	60.0	260.0	4.0	0.0	43.5	38.2
1272	640.0	280.0	4.0	0.0	42.0	36.8	1357	70.0	260.0	4.0	0.0	43.7	38.5
1273	650.0	280.0	4.0	0.0	41.9	36.8	1358	80.0	260.0	4.0	0.0	44.0	38.7
1274	660.0	280.0	4.0	0.0	41.8	36.7	1359	90.0	260.0	4.0	0.0	44.3	38.9
1275	670.0	280.0	4.0	0.0	41.7	36.6	1360	100.0	260.0	4.0	0.0	44.6	39.2
1276	680.0	280.0	4.0	0.0	41.6	36.5	1361	110.0	260.0	4.0	0.0	44.9	39.5
1277	690.0	280.0	4.0	0.0	41.5	36.5	1362	120.0	260.0	4.0	0.0	45.3	39.9
1278	700.0	280.0	4.0	0.0	41.5	36.4	1363	130.0	260.0	4.0	0.0	45.8	40.2
1279	0.0	270.0	4.0	0.0	42.4	37.3	1364	140.0	260.0	4.0	0.0	46.3	40.5
1280	10.0	270.0	4.0	0.0	42.5	37.4	1365	150.0	260.0	4.0	0.0	46.7	40.0
1281	20.0	270.0	4.0	0.0	42.7	37.5	1366	160.0	260.0	4.0	0.0	47.3	40.5
1282	30.0	270.0	4.0	0.0	42.9	37.7	1367	170.0	260.0	4.0	0.0	48.1	41.0
1283	40.0	270.0	4.0	0.0	43.0	37.9	1368	180.0	260.0	4.0	0.0	49.0	41.5
1284	50.0	270.0	4.0	0.0	43.2	38.0	1369	190.0	260.0	4.0	0.0	49.9	40.9
1285	60.0	270.0	4.0	0.0	43.4	38.2	1370	200.0	260.0	4.0	0.0	51.0	41.0
1286	70.0	270.0	4.0	0.0	43.7	38.4	1371	210.0	260.0	4.0	0.0	52.4	41.0
1287	80.0	270.0	4.0	0.0	43.9	38.7	1372	220.0	260.0	4.0	0.0	53.9	42.0
1288	90.0	270.0	4.0	0.0	44.2	38.9	1373	230.0	260.0	4.0	0.0	56.3	43.1
1289	100.0	270.0	4.0	0.0	44.5	39.2	1374	240.0	260.0	4.0	0.0	58.9	44.0
1290	110.0	270.0	4.0	0.0	44.8	39.5	1375	250.0	260.0	4.0	0.0	51.0	44.2
1291	120.0	270.0	4.0	0.0	45.2	39.8	1381	310.0	260.0	4.0	0.0	53.9	48.7
1292	130.0	270.0	4.0	0.0	45.7	40.2	1382	320.0	260.0	4.0	0.0	55.7	49.1
1293	140.0	270.0	4.0	0.0	46.2	40.6	1383	330.0	260.0	4.0	0.0	57.9	48.5
1294	150.0	270.0	4.0	0.0	46.8	41.1	1387	370.0	260.0	4.0	0.0	65.7	40.4
1295	160.0	270.0	4.0	0.0	47.4	41.4	1388	380.0	260.0	4.0	0.0	61.8	41.5
1296	170.0	270.0	4.0	0.0	47.9	41.0	1389	390.0	260.0	4.0	0.0	58.9	41.3
1297	180.0	270.0	4.0	0.0	48.7	41.6	1390	400.0	260.0	4.0	0.0	56.8	41.3
1298	190.0	270.0	4.0	0.0	49.6	42.3	1391	410.0	260.0	4.0	0.0	54.9	40.5
1299	200.0	270.0	4.0	0.0	50.6	43.0	1392	420.0	260.0	4.0	0.0	53.2	40.9
1300	210.0	270.0	4.0	0.0	51.4	41.0	1393	430.0	260.0	4.0	0.0	51.4	40.5
1301	220.0	270.0	4.0	0.0	52.8	41.9	1394	440.0	260.0	4.0	0.0	49.8	40.2
1302	230.0	270.0	4.0	0.0	53.8	43.0	1395	450.0	260.0	4.0	0.0	48.3	39.9
1303	240.0	270.0	4.0	0.0	53.6	44.4	1396	460.0	260.0	4.0	0.0	47.2	39.6
1304	250.0	270.0	4.0	0.0	49.5	45.7	1397	470.0	260.0	4.0	0.0	46.5	39.4
1305	260.0	270.0	4.0	0.0	48.0	46.5	1398	480.0	260.0	4.0	0.0	45.8	39.1

1399	490.0	260.0	4.0	0.0	45.2	38.9	1482	610.0	250.0	4.0	0.0	42.3	37.1
1400	500.0	260.0	4.0	0.0	44.8	38.7	1483	620.0	250.0	4.0	0.0	42.2	37.0
1401	510.0	260.0	4.0	0.0	44.4	38.6	1484	630.0	250.0	4.0	0.0	42.1	36.9
1402	520.0	260.0	4.0	0.0	44.0	38.4	1485	640.0	250.0	4.0	0.0	42.0	36.8
1403	530.0	260.0	4.0	0.0	43.8	38.4	1486	650.0	250.0	4.0	0.0	41.9	36.7
1404	540.0	260.0	4.0	0.0	43.5	38.2	1487	660.0	250.0	4.0	0.0	41.8	36.6
1405	550.0	260.0	4.0	0.0	43.3	38.0	1488	670.0	250.0	4.0	0.0	41.7	36.6
1406	560.0	260.0	4.0	0.0	43.0	37.8	1489	680.0	250.0	4.0	0.0	41.6	36.5
1407	570.0	260.0	4.0	0.0	42.9	37.7	1490	690.0	250.0	4.0	0.0	41.6	36.4
1408	580.0	260.0	4.0	0.0	42.7	37.5	1491	700.0	250.0	4.0	0.0	41.5	36.4
1409	590.0	260.0	4.0	0.0	42.5	37.4	1492	0.0	240.0	4.0	0.0	42.5	37.3
1410	600.0	260.0	4.0	0.0	42.4	37.2	1493	10.0	240.0	4.0	0.0	42.7	37.4
1411	610.0	260.0	4.0	0.0	42.3	37.1	1494	20.0	240.0	4.0	0.0	42.8	37.6
1412	620.0	260.0	4.0	0.0	42.1	37.0	1495	30.0	240.0	4.0	0.0	43.0	37.7
1413	630.0	260.0	4.0	0.0	42.0	36.9	1496	40.0	240.0	4.0	0.0	43.2	37.9
1414	640.0	260.0	4.0	0.0	41.9	36.8	1497	50.0	240.0	4.0	0.0	43.4	38.1
1415	650.0	260.0	4.0	0.0	41.8	36.7	1498	60.0	240.0	4.0	0.0	43.6	38.3
1416	660.0	260.0	4.0	0.0	41.8	36.6	1499	70.0	240.0	4.0	0.0	43.8	38.5
1417	670.0	260.0	4.0	0.0	41.7	36.6	1500	80.0	240.0	4.0	0.0	44.1	38.7
1418	680.0	260.0	4.0	0.0	41.6	36.5	1501	90.0	240.0	4.0	0.0	44.4	39.0
1419	690.0	260.0	4.0	0.0	41.6	36.4	1502	100.0	240.0	4.0	0.0	44.7	39.2
1420	700.0	260.0	4.0	0.0	41.5	36.4	1503	110.0	240.0	4.0	0.0	45.0	39.9
1421	0.0	250.0	4.0	0.0	42.5	37.3	1504	120.0	240.0	4.0	0.0	45.4	39.1
1422	10.0	250.0	4.0	0.0	42.6	37.4	1505	130.0	240.0	4.0	0.0	45.8	39.5
1423	20.0	250.0	4.0	0.0	42.8	37.6	1506	140.0	240.0	4.0	0.0	46.4	39.9
1424	30.0	250.0	4.0	0.0	43.0	37.7	1507	150.0	240.0	4.0	0.0	46.8	39.1
1425	40.0	250.0	4.0	0.0	43.2	37.9	1508	160.0	240.0	4.0	0.0	47.5	39.2
1426	50.0	250.0	4.0	0.0	43.4	38.1	1509	170.0	240.0	4.0	0.0	48.3	39.7
1427	60.0	250.0	4.0	0.0	43.6	38.3	1510	180.0	240.0	4.0	0.0	49.3	40.3
1428	70.0	250.0	4.0	0.0	43.8	38.5	1511	190.0	240.0	4.0	0.0	50.6	40.9
1429	80.0	250.0	4.0	0.0	44.1	38.7	1512	200.0	240.0	4.0	0.0	52.0	41.1
1430	90.0	250.0	4.0	0.0	44.4	38.9	1513	210.0	240.0	4.0	0.0	53.8	41.9
1431	100.0	250.0	4.0	0.0	44.7	39.2	1514	220.0	240.0	4.0	0.0	55.8	41.7
1432	110.0	250.0	4.0	0.0	45.1	39.5	1515	230.0	240.0	4.0	0.0	59.1	42.6
1433	120.0	250.0	4.0	0.0	45.5	39.8	1516	240.0	240.0	4.0	0.0	64.3	43.3
1434	130.0	250.0	4.0	0.0	45.8	39.5	1517	250.0	240.0	4.0	0.0	71.9	42.8
1435	140.0	250.0	4.0	0.0	46.3	39.8	1519	270.0	240.0	4.0	0.0	61.2	46.2
1436	150.0	250.0	4.0	0.0	46.9	40.3	1520	280.0	240.0	4.0	0.0	59.2	47.6
1437	160.0	250.0	4.0	0.0	47.5	40.5	1521	290.0	240.0	4.0	0.0	58.7	48.3
1438	170.0	250.0	4.0	0.0	48.1	39.6	1525	330.0	240.0	4.0	0.0	66.5	48.8
1439	180.0	250.0	4.0	0.0	49.1	40.2	1526	340.0	240.0	4.0	0.0	62.8	48.8
1440	190.0	250.0	4.0	0.0	50.2	40.3	1527	350.0	240.0	4.0	0.0	60.2	47.9
1441	200.0	250.0	4.0	0.0	51.6	41.1	1528	360.0	240.0	4.0	0.0	57.7	44.1
1442	210.0	250.0	4.0	0.0	53.3	42.0	1529	370.0	240.0	4.0	0.0	55.8	43.0
1443	220.0	250.0	4.0	0.0	55.1	41.8	1530	380.0	240.0	4.0	0.0	55.1	42.4
1444	230.0	250.0	4.0	0.0	58.0	42.6	1531	390.0	240.0	4.0	0.0	53.3	41.8
1445	240.0	250.0	4.0	0.0	62.0	42.7	1532	400.0	240.0	4.0	0.0	52.2	41.5
1450	290.0	250.0	4.0	0.0	56.4	47.9	1533	410.0	240.0	4.0	0.0	51.2	41.1
1451	300.0	250.0	4.0	0.0	54.9	49.5	1534	420.0	240.0	4.0	0.0	50.1	40.6
1454	330.0	250.0	4.0	0.0	62.5	48.5	1535	430.0	240.0	4.0	0.0	49.2	40.5
1455	340.0	250.0	4.0	0.0	63.9	47.2	1536	440.0	240.0	4.0	0.0	48.2	40.1
1456	350.0	250.0	4.0	0.0	66.1	44.6	1537	450.0	240.0	4.0	0.0	47.4	39.8
1457	360.0	250.0	4.0	0.0	62.3	42.6	1538	460.0	240.0	4.0	0.0	46.6	39.6
1458	370.0	250.0	4.0	0.0	59.1	41.8	1539	470.0	240.0	4.0	0.0	46.0	39.4
1459	380.0	250.0	4.0	0.0	57.1	41.6	1540	480.0	240.0	4.0	0.0	45.5	39.2
1460	390.0	250.0	4.0	0.0	55.5	41.4	1541	490.0	240.0	4.0	0.0	45.0	39.2
1461	400.0	250.0	4.0	0.0	54.0	41.2	1542	500.0	240.0	4.0	0.0	44.6	38.9
1462	410.0	250.0	4.0	0.0	52.7	40.9	1543	510.0	240.0	4.0	0.0	44.3	38.8
1463	420.0	250.0	4.0	0.0	51.4	40.6	1544	520.0	240.0	4.0	0.0	44.0	38.6
1464	430.0	250.0	4.0	0.0	50.2	40.3	1545	530.0	240.0	4.0	0.0	43.7	38.4
1465	440.0	250.0	4.0	0.0	49.0	40.0	1546	540.0	240.0	4.0	0.0	43.5	38.2
1466	450.0	250.0	4.0	0.0	47.9	39.8	1547	550.0	240.0	4.0	0.0	43.2	38.0
1467	460.0	250.0	4.0	0.0	46.9	39.4	1548	560.0	240.0	4.0	0.0	43.0	37.8
1468	470.0	250.0	4.0	0.0	46.2	39.3	1549	570.0	240.0	4.0	0.0	42.9	37.6
1469	480.0	250.0	4.0	0.0	45.5	39.1	1550	580.0	240.0	4.0	0.0	42.7	37.5
1470	490.0	250.0	4.0	0.0	45.0	38.9	1551	590.0	240.0	4.0	0.0	42.5	37.4
1471	500.0	250.0	4.0	0.0	44.6	38.8	1552	600.0	240.0	4.0	0.0	42.4	37.2
1472	510.0	250.0	4.0	0.0	44.3	38.7	1553	610.0	240.0	4.0	0.0	42.3	37.1
1473	520.0	250.0	4.0	0.0	44.0	38.5	1554	620.0	240.0	4.0	0.0	42.2	37.0
1474	530.0	250.0	4.0	0.0	43.7	38.4	1555	630.0	240.0	4.0	0.0	42.1	36.9
1475	540.0	250.0	4.0	0.0	43.5	38.2	1556	640.0	240.0	4.0	0.0	42.0	36.8
1476	550.0	250.0	4.0	0.0	43.3	38.0	1557	650.0	240.0	4.0	0.0	41.9	36.7
1477	560.0	250.0	4.0	0.0	43.1	37.8	1558	660.0	240.0	4.0	0.0	41.7	36.6
1478	570.0	250.0	4.0	0.0	42.9	37.7	1559	670.0	240.0	4.0	0.0	41.7	36.6
1479	580.0	250.0	4.0	0.0	42.7	37.5	1560	680.0	240.0	4.0	0.0	41.6	36.5
1480	590.0	250.0	4.0	0.0	42.6	37.4	1561	690.0	240.0	4.0	0.0	41.5	36.4
1481	600.0	250.0	4.0	0.0	42.4	37.2	1562	700.0	240.0	4.0	0.0	41.4	36.4

1563	0.0	230.0	4.0	0.0	42.5	37.3	1642	80.0	220.0	4.0	0.0	44.0	38.1
1564	10.0	230.0	4.0	0.0	42.7	37.4	1643	90.0	220.0	4.0	0.0	44.3	38.3
1565	20.0	230.0	4.0	0.0	42.8	37.5	1644	100.0	220.0	4.0	0.0	44.6	38.6
1566	30.0	230.0	4.0	0.0	43.0	37.7	1645	110.0	220.0	4.0	0.0	44.8	37.9
1567	40.0	230.0	4.0	0.0	43.2	37.8	1646	120.0	220.0	4.0	0.0	45.2	38.2
1568	50.0	230.0	4.0	0.0	43.4	38.0	1647	130.0	220.0	4.0	0.0	45.7	38.4
1569	60.0	230.0	4.0	0.0	43.6	38.2	1648	140.0	220.0	4.0	0.0	46.2	38.7
1570	70.0	230.0	4.0	0.0	43.9	38.4	1649	150.0	220.0	4.0	0.0	46.8	38.8
1571	80.0	230.0	4.0	0.0	44.1	38.6	1650	160.0	220.0	4.0	0.0	47.5	39.2
1572	90.0	230.0	4.0	0.0	44.3	38.5	1651	170.0	220.0	4.0	0.0	48.3	39.4
1573	100.0	230.0	4.0	0.0	44.6	38.6	1652	180.0	220.0	4.0	0.0	49.3	39.9
1574	110.0	230.0	4.0	0.0	44.9	38.8	1653	190.0	220.0	4.0	0.0	50.5	40.4
1575	120.0	230.0	4.0	0.0	45.4	39.1	1654	200.0	220.0	4.0	0.0	51.9	41.1
1576	130.0	230.0	4.0	0.0	45.7	38.6	1655	210.0	220.0	4.0	0.0	53.6	41.2
1577	140.0	230.0	4.0	0.0	46.2	38.7	1656	220.0	220.0	4.0	0.0	54.8	42.0
1578	150.0	230.0	4.0	0.0	46.8	39.0	1657	230.0	220.0	4.0	0.0	58.0	41.7
1579	160.0	230.0	4.0	0.0	47.6	39.4	1658	240.0	220.0	4.0	0.0	61.2	42.6
1580	170.0	230.0	4.0	0.0	48.4	39.6	1659	250.0	220.0	4.0	0.0	65.9	43.4
1581	180.0	230.0	4.0	0.0	49.4	40.1	1660	260.0	220.0	4.0	0.0	72.0	44.3
1582	190.0	230.0	4.0	0.0	50.6	40.7	1661	270.0	220.0	4.0	0.0	65.3	44.9
1583	200.0	230.0	4.0	0.0	52.1	40.8	1662	280.0	220.0	4.0	0.0	64.6	45.3
1584	210.0	230.0	4.0	0.0	53.9	41.6	1663	290.0	220.0	4.0	0.0	66.4	45.6
1585	220.0	230.0	4.0	0.0	55.9	42.5	1664	300.0	220.0	4.0	0.0	63.2	48.8
1586	230.0	230.0	4.0	0.0	58.8	42.2	1665	310.0	220.0	4.0	0.0	62.2	49.1
1587	240.0	230.0	4.0	0.0	63.1	42.9	1669	350.0	220.0	4.0	0.0	53.4	47.2
1588	250.0	230.0	4.0	0.0	69.6	43.7	1671	370.0	220.0	4.0	0.0	51.8	41.2
1589	260.0	230.0	4.0	0.0	68.0	45.2	1672	380.0	220.0	4.0	0.0	51.1	41.8
1590	270.0	230.0	4.0	0.0	63.2	46.2	1673	390.0	220.0	4.0	0.0	50.5	41.5
1591	280.0	230.0	4.0	0.0	61.3	46.7	1674	400.0	220.0	4.0	0.0	49.6	41.1
1592	290.0	230.0	4.0	0.0	61.8	47.4	1675	410.0	220.0	4.0	0.0	48.7	41.0
1593	300.0	230.0	4.0	0.0	64.2	46.7	1676	420.0	220.0	4.0	0.0	48.1	40.6
1594	310.0	230.0	4.0	0.0	66.8	48.0	1677	430.0	220.0	4.0	0.0	47.5	40.3
1595	320.0	230.0	4.0	0.0	63.8	49.4	1678	440.0	220.0	4.0	0.0	47.0	40.2
1597	340.0	230.0	4.0	0.0	58.5	47.3	1679	450.0	220.0	4.0	0.0	46.4	40.2
1599	360.0	230.0	4.0	0.0	55.2	43.5	1680	460.0	220.0	4.0	0.0	46.0	40.1
1600	370.0	230.0	4.0	0.0	53.6	43.8	1681	470.0	220.0	4.0	0.0	45.5	39.9
1601	380.0	230.0	4.0	0.0	52.6	42.9	1682	480.0	220.0	4.0	0.0	45.1	39.6
1602	390.0	230.0	4.0	0.0	51.8	42.2	1683	490.0	220.0	4.0	0.0	44.7	39.3
1603	400.0	230.0	4.0	0.0	50.7	41.4	1684	500.0	220.0	4.0	0.0	44.4	39.0
1604	410.0	230.0	4.0	0.0	49.9	41.1	1685	510.0	220.0	4.0	0.0	44.0	38.7
1605	420.0	230.0	4.0	0.0	49.1	40.7	1686	520.0	220.0	4.0	0.0	43.8	38.5
1606	430.0	230.0	4.0	0.0	48.3	40.4	1687	530.0	220.0	4.0	0.0	43.5	38.3
1607	440.0	230.0	4.0	0.0	47.6	40.1	1688	540.0	220.0	4.0	0.0	43.3	38.1
1608	450.0	230.0	4.0	0.0	46.9	39.9	1689	550.0	220.0	4.0	0.0	43.1	37.9
1609	460.0	230.0	4.0	0.0	46.3	39.7	1690	560.0	220.0	4.0	0.0	42.9	37.8
1610	470.0	230.0	4.0	0.0	45.8	39.6	1691	570.0	220.0	4.0	0.0	42.7	37.6
1611	480.0	230.0	4.0	0.0	45.3	39.5	1692	580.0	220.0	4.0	0.0	42.6	37.5
1612	490.0	230.0	4.0	0.0	44.9	39.3	1693	590.0	220.0	4.0	0.0	42.4	37.3
1613	500.0	230.0	4.0	0.0	44.5	39.1	1694	600.0	220.0	4.0	0.0	42.3	37.2
1614	510.0	230.0	4.0	0.0	44.2	38.8	1695	610.0	220.0	4.0	0.0	42.2	37.1
1615	520.0	230.0	4.0	0.0	43.9	38.6	1696	620.0	220.0	4.0	0.0	42.1	37.0
1616	530.0	230.0	4.0	0.0	43.6	38.3	1697	630.0	220.0	4.0	0.0	42.0	36.9
1617	540.0	230.0	4.0	0.0	43.3	38.1	1698	640.0	220.0	4.0	0.0	41.9	36.8
1618	550.0	230.0	4.0	0.0	43.1	38.0	1699	650.0	220.0	4.0	0.0	41.8	36.7
1619	560.0	230.0	4.0	0.0	42.9	37.8	1700	660.0	220.0	4.0	0.0	41.7	36.6
1620	570.0	230.0	4.0	0.0	42.8	37.6	1701	670.0	220.0	4.0	0.0	41.6	36.5
1621	580.0	230.0	4.0	0.0	42.6	37.5	1702	680.0	220.0	4.0	0.0	41.5	36.5
1622	590.0	230.0	4.0	0.0	42.5	37.3	1703	690.0	220.0	4.0	0.0	41.5	36.4
1623	600.0	230.0	4.0	0.0	42.3	37.2	1704	700.0	220.0	4.0	0.0	41.4	36.4
1624	610.0	230.0	4.0	0.0	42.2	37.1	1705	0.0	210.0	4.0	0.0	42.5	37.2
1625	620.0	230.0	4.0	0.0	42.1	37.0	1706	10.0	210.0	4.0	0.0	42.7	37.3
1626	630.0	230.0	4.0	0.0	42.0	36.9	1707	20.0	210.0	4.0	0.0	42.8	37.5
1627	640.0	230.0	4.0	0.0	41.9	36.8	1708	30.0	210.0	4.0	0.0	43.0	37.6
1628	650.0	230.0	4.0	0.0	41.8	36.7	1709	40.0	210.0	4.0	0.0	43.2	37.7
1629	660.0	230.0	4.0	0.0	41.7	36.6	1710	50.0	210.0	4.0	0.0	43.3	37.7
1630	670.0	230.0	4.0	0.0	41.6	36.6	1711	60.0	210.0	4.0	0.0	43.5	37.6
1631	680.0	230.0	4.0	0.0	41.6	36.5	1712	70.0	210.0	4.0	0.0	43.7	37.8
1632	690.0	230.0	4.0	0.0	41.5	36.4	1713	80.0	210.0	4.0	0.0	44.0	38.0
1633	700.0	230.0	4.0	0.0	41.4	36.4	1714	90.0	210.0	4.0	0.0	44.1	37.5
1634	0.0	220.0	4.0	0.0	42.5	37.3	1715	100.0	210.0	4.0	0.0	44.4	37.7
1635	10.0	220.0	4.0	0.0	42.6	37.4	1716	110.0	210.0	4.0	0.0	44.8	38.0
1636	20.0	220.0	4.0	0.0	42.8	37.5	1717	120.0	210.0	4.0	0.0	45.2	38.1
1637	30.0	220.0	4.0	0.0	43.0	37.7	1718	130.0	210.0	4.0	0.0	45.6	38.3
1638	40.0	220.0	4.0	0.0	43.2	37.8	1719	140.0	210.0	4.0	0.0	46.2	38.6
1639	50.0	220.0	4.0	0.0	43.4	38.0	1720	150.0	210.0	4.0	0.0	46.8	39.0
1640	60.0	220.0	4.0	0.0	43.6	38.1	1721	160.0	210.0	4.0	0.0	47.4	39.1
1641	70.0	220.0	4.0	0.0	43.8	38.0	1722	170.0	210.0	4.0	0.0	48.2	39.5

1723	180.0	210.0	4.0	0.0	49.1	39.6	1802	260.0	200.0	4.0	0.0	61.8	44.7
1724	190.0	210.0	4.0	0.0	50.3	40.2	1803	270.0	200.0	4.0	0.0	61.7	45.2
1725	200.0	210.0	4.0	0.0	50.6	40.7	1804	280.0	200.0	4.0	0.0	59.4	45.6
1726	210.0	210.0	4.0	0.0	52.2	40.8	1805	290.0	200.0	4.0	0.0	57.6	45.6
1727	220.0	210.0	4.0	0.0	54.0	41.5	1806	300.0	200.0	4.0	0.0	56.7	46.7
1728	230.0	210.0	4.0	0.0	56.8	42.2	1807	310.0	200.0	4.0	0.0	55.9	45.8
1729	240.0	210.0	4.0	0.0	59.3	41.9	1808	320.0	200.0	4.0	0.0	49.4	42.9
1730	250.0	210.0	4.0	0.0	62.7	42.6	1809	330.0	200.0	4.0	0.0	48.7	42.8
1731	260.0	210.0	4.0	0.0	68.9	43.1	1810	340.0	200.0	4.0	0.0	49.0	45.9
1732	270.0	210.0	4.0	0.0	68.2	43.8	1811	350.0	200.0	4.0	0.0	49.1	46.1
1733	280.0	210.0	4.0	0.0	63.7	46.5	1812	360.0	200.0	4.0	0.0	48.0	44.0
1734	290.0	210.0	4.0	0.0	60.8	46.7	1813	370.0	200.0	4.0	0.0	48.6	42.1
1735	300.0	210.0	4.0	0.0	58.8	47.1	1814	380.0	200.0	4.0	0.0	48.8	40.8
1738	330.0	210.0	4.0	0.0	48.3	42.8	1815	390.0	200.0	4.0	0.0	48.2	40.3
1739	340.0	210.0	4.0	0.0	49.2	43.8	1816	400.0	200.0	4.0	0.0	47.8	39.9
1740	350.0	210.0	4.0	0.0	51.0	46.3	1817	410.0	200.0	4.0	0.0	47.4	40.2
1741	360.0	210.0	4.0	0.0	48.0	42.0	1818	420.0	200.0	4.0	0.0	47.1	40.4
1742	370.0	210.0	4.0	0.0	49.0	40.1	1819	430.0	200.0	4.0	0.0	46.7	40.5
1743	380.0	210.0	4.0	0.0	49.4	40.5	1820	440.0	200.0	4.0	0.0	46.3	40.2
1744	390.0	210.0	4.0	0.0	48.8	40.5	1821	450.0	200.0	4.0	0.0	45.9	39.9
1745	400.0	210.0	4.0	0.0	48.5	40.5	1822	460.0	200.0	4.0	0.0	45.4	39.7
1746	410.0	210.0	4.0	0.0	48.0	40.4	1823	470.0	200.0	4.0	0.0	45.0	39.4
1747	420.0	210.0	4.0	0.0	47.5	40.1	1824	480.0	200.0	4.0	0.0	44.7	39.2
1748	430.0	210.0	4.0	0.0	47.0	40.4	1825	490.0	200.0	4.0	0.0	44.2	39.0
1749	440.0	210.0	4.0	0.0	46.5	40.4	1826	500.0	200.0	4.0	0.0	43.9	38.7
1750	450.0	210.0	4.0	0.0	46.0	40.4	1827	510.0	200.0	4.0	0.0	43.7	38.5
1751	460.0	210.0	4.0	0.0	45.5	40.0	1828	520.0	200.0	4.0	0.0	43.4	38.4
1752	470.0	210.0	4.0	0.0	45.1	39.7	1829	530.0	200.0	4.0	0.0	43.2	38.2
1753	480.0	210.0	4.0	0.0	44.7	39.4	1830	540.0	200.0	4.0	0.0	43.0	38.0
1754	490.0	210.0	4.0	0.0	44.4	39.2	1831	550.0	200.0	4.0	0.0	42.9	37.9
1755	500.0	210.0	4.0	0.0	44.1	38.9	1832	560.0	200.0	4.0	0.0	42.7	37.7
1756	510.0	210.0	4.0	0.0	43.8	38.7	1833	570.0	200.0	4.0	0.0	42.6	37.5
1757	520.0	210.0	4.0	0.0	43.7	38.5	1834	580.0	200.0	4.0	0.0	42.4	37.4
1758	530.0	210.0	4.0	0.0	43.4	38.3	1835	590.0	200.0	4.0	0.0	42.3	37.3
1759	540.0	210.0	4.0	0.0	43.2	38.1	1836	600.0	200.0	4.0	0.0	42.2	37.2
1760	550.0	210.0	4.0	0.0	43.0	37.9	1837	610.0	200.0	4.0	0.0	42.1	37.1
1761	560.0	210.0	4.0	0.0	42.8	37.8	1838	620.0	200.0	4.0	0.0	42.0	37.0
1762	570.0	210.0	4.0	0.0	42.7	37.6	1839	630.0	200.0	4.0	0.0	41.9	36.9
1763	580.0	210.0	4.0	0.0	42.5	37.5	1840	640.0	200.0	4.0	0.0	41.8	36.8
1764	590.0	210.0	4.0	0.0	42.4	37.3	1841	650.0	200.0	4.0	0.0	41.7	36.7
1765	600.0	210.0	4.0	0.0	42.3	37.2	1842	660.0	200.0	4.0	0.0	41.6	36.6
1766	610.0	210.0	4.0	0.0	42.2	37.1	1843	670.0	200.0	4.0	0.0	41.6	36.5
1767	620.0	210.0	4.0	0.0	42.0	37.0	1844	680.0	200.0	4.0	0.0	41.5	36.5
1768	630.0	210.0	4.0	0.0	41.9	36.9	1845	690.0	200.0	4.0	0.0	41.4	36.4
1769	640.0	210.0	4.0	0.0	41.9	36.8	1846	700.0	200.0	4.0	0.0	41.4	36.4
1770	650.0	210.0	4.0	0.0	41.8	36.7	1847	0.0	190.0	4.0	0.0	42.5	37.1
1771	660.0	210.0	4.0	0.0	41.7	36.6	1848	10.0	190.0	4.0	0.0	42.6	37.0
1772	670.0	210.0	4.0	0.0	41.6	36.5	1849	20.0	190.0	4.0	0.0	42.7	37.1
1773	680.0	210.0	4.0	0.0	41.5	36.5	1850	30.0	190.0	4.0	0.0	42.9	37.2
1774	690.0	210.0	4.0	0.0	41.5	36.4	1851	40.0	190.0	4.0	0.0	43.0	37.3
1775	700.0	210.0	4.0	0.0	41.4	36.3	1852	50.0	190.0	4.0	0.0	43.2	37.2
1776	0.0	200.0	4.0	0.0	42.5	37.2	1853	60.0	190.0	4.0	0.0	43.3	37.2
1777	10.0	200.0	4.0	0.0	42.7	37.3	1854	70.0	190.0	4.0	0.0	43.5	37.2
1778	20.0	200.0	4.0	0.0	42.8	37.4	1855	80.0	190.0	4.0	0.0	43.8	37.4
1779	30.0	200.0	4.0	0.0	42.9	37.3	1856	90.0	190.0	4.0	0.0	44.0	37.6
1780	40.0	200.0	4.0	0.0	43.1	37.4	1857	100.0	190.0	4.0	0.0	44.3	37.6
1781	50.0	200.0	4.0	0.0	43.3	37.5	1858	110.0	190.0	4.0	0.0	44.6	37.8
1782	60.0	200.0	4.0	0.0	43.5	37.6	1859	120.0	190.0	4.0	0.0	45.0	38.0
1783	70.0	200.0	4.0	0.0	43.6	37.3	1860	130.0	190.0	4.0	0.0	45.4	38.1
1784	80.0	200.0	4.0	0.0	43.8	37.4	1861	140.0	190.0	4.0	0.0	45.9	38.4
1785	90.0	200.0	4.0	0.0	44.1	37.6	1862	150.0	190.0	4.0	0.0	46.3	38.7
1786	100.0	200.0	4.0	0.0	44.4	37.7	1863	160.0	190.0	4.0	0.0	46.2	39.0
1787	110.0	200.0	4.0	0.0	44.7	37.9	1864	170.0	190.0	4.0	0.0	46.9	39.1
1788	120.0	200.0	4.0	0.0	45.1	38.0	1865	180.0	190.0	4.0	0.0	47.9	39.5
1789	130.0	200.0	4.0	0.0	45.5	38.2	1866	190.0	190.0	4.0	0.0	48.7	39.5
1790	140.0	200.0	4.0	0.0	46.0	38.5	1867	200.0	190.0	4.0	0.0	49.7	40.0
1791	150.0	200.0	4.0	0.0	46.6	38.8	1868	210.0	190.0	4.0	0.0	50.9	40.4
1792	160.0	200.0	4.0	0.0	47.3	38.9	1869	220.0	190.0	4.0	0.0	52.1	40.4
1793	170.0	200.0	4.0	0.0	48.0	39.3	1870	230.0	190.0	4.0	0.0	53.4	41.0
1794	180.0	200.0	4.0	0.0	47.9	39.4	1871	240.0	190.0	4.0	0.0	55.0	42.9
1795	190.0	200.0	4.0	0.0	48.9	39.9	1872	250.0	190.0	4.0	0.0	56.3	43.6
1796	200.0	200.0	4.0	0.0	50.3	40.4	1873	260.0	190.0	4.0	0.0	57.3	44.0
1797	210.0	200.0	4.0	0.0	51.6	40.9	1874	270.0	190.0	4.0	0.0	57.3	44.3
1798	220.0	200.0	4.0	0.0	53.2	40.9	1875	280.0	190.0	4.0	0.0	56.5	45.7
1799	230.0	200.0	4.0	0.0	55.0	41.5	1876	290.0	190.0	4.0	0.0	55.6	46.0
1800	240.0	200.0	4.0	0.0	57.0	41.2	1877	300.0	190.0	4.0	0.0	54.8	45.9
1801	250.0	200.0	4.0	0.0	59.4	41.9	1878	310.0	190.0	4.0	0.0	53.4	45.2

1879	320.0	190.0	4.0	0.0	50.8	45.7	1956	380.0	180.0	4.0	0.0	47.1	41.6
1880	330.0	190.0	4.0	0.0	49.7	45.3	1957	390.0	180.0	4.0	0.0	47.2	41.6
1881	340.0	190.0	4.0	0.0	49.2	45.1	1958	400.0	180.0	4.0	0.0	46.6	41.2
1882	350.0	190.0	4.0	0.0	49.1	45.2	1959	410.0	180.0	4.0	0.0	46.2	40.6
1883	360.0	190.0	4.0	0.0	47.9	43.8	1960	420.0	180.0	4.0	0.0	46.2	40.2
1884	370.0	190.0	4.0	0.0	47.6	42.4	1961	430.0	180.0	4.0	0.0	45.9	40.0
1885	380.0	190.0	4.0	0.0	47.7	41.4	1962	440.0	180.0	4.0	0.0	45.3	39.6
1886	390.0	190.0	4.0	0.0	47.1	40.7	1963	450.0	180.0	4.0	0.0	45.1	39.3
1887	400.0	190.0	4.0	0.0	47.0	40.5	1964	460.0	180.0	4.0	0.0	44.8	39.1
1888	410.0	190.0	4.0	0.0	47.0	40.7	1965	470.0	180.0	4.0	0.0	44.5	38.9
1889	420.0	190.0	4.0	0.0	46.5	40.4	1966	480.0	180.0	4.0	0.0	44.3	38.8
1890	430.0	190.0	4.0	0.0	46.1	40.1	1967	490.0	180.0	4.0	0.0	44.0	38.5
1891	440.0	190.0	4.0	0.0	45.8	39.9	1968	500.0	180.0	4.0	0.0	43.8	38.3
1892	450.0	190.0	4.0	0.0	45.4	39.6	1969	510.0	180.0	4.0	0.0	43.6	38.2
1893	460.0	190.0	4.0	0.0	45.2	39.4	1970	520.0	180.0	4.0	0.0	43.4	38.1
1894	470.0	190.0	4.0	0.0	45.0	39.2	1971	530.0	180.0	4.0	0.0	43.2	37.9
1895	480.0	190.0	4.0	0.0	44.6	38.9	1972	540.0	180.0	4.0	0.0	43.0	37.8
1896	490.0	190.0	4.0	0.0	44.2	38.7	1973	550.0	180.0	4.0	0.0	42.9	37.7
1897	500.0	190.0	4.0	0.0	43.9	38.6	1974	560.0	180.0	4.0	0.0	42.6	37.6
1898	510.0	190.0	4.0	0.0	43.7	38.4	1975	570.0	180.0	4.0	0.0	42.5	37.5
1899	520.0	190.0	4.0	0.0	43.5	38.2	1976	580.0	180.0	4.0	0.0	42.4	37.4
1900	530.0	190.0	4.0	0.0	43.2	38.1	1977	590.0	180.0	4.0	0.0	42.2	37.2
1901	540.0	190.0	4.0	0.0	43.0	38.0	1978	600.0	180.0	4.0	0.0	42.1	37.1
1902	550.0	190.0	4.0	0.0	42.8	37.8	1979	610.0	180.0	4.0	0.0	42.0	37.0
1903	560.0	190.0	4.0	0.0	42.7	37.6	1980	620.0	180.0	4.0	0.0	41.9	36.9
1904	570.0	190.0	4.0	0.0	42.5	37.5	1981	630.0	180.0	4.0	0.0	41.8	36.8
1905	580.0	190.0	4.0	0.0	42.4	37.4	1982	640.0	180.0	4.0	0.0	41.8	36.7
1906	590.0	190.0	4.0	0.0	42.3	37.2	1983	650.0	180.0	4.0	0.0	41.7	36.6
1907	600.0	190.0	4.0	0.0	42.2	37.1	1984	660.0	180.0	4.0	0.0	41.6	36.6
1908	610.0	190.0	4.0	0.0	42.1	37.0	1985	670.0	180.0	4.0	0.0	41.6	36.5
1909	620.0	190.0	4.0	0.0	42.0	36.9	1986	680.0	180.0	4.0	0.0	41.5	36.4
1910	630.0	190.0	4.0	0.0	41.9	36.8	1987	690.0	180.0	4.0	0.0	41.4	36.4
1911	640.0	190.0	4.0	0.0	41.8	36.7	1988	700.0	180.0	4.0	0.0	41.4	36.3
1912	650.0	190.0	4.0	0.0	41.7	36.7	1989	0.0	170.0	4.0	0.0	42.3	36.9
1913	660.0	190.0	4.0	0.0	41.6	36.6	1990	10.0	170.0	4.0	0.0	42.4	36.8
1914	670.0	190.0	4.0	0.0	41.5	36.5	1991	20.0	170.0	4.0	0.0	42.5	36.7
1915	680.0	190.0	4.0	0.0	41.5	36.5	1992	30.0	170.0	4.0	0.0	42.6	36.8
1916	690.0	190.0	4.0	0.0	41.4	36.4	1993	40.0	170.0	4.0	0.0	42.8	36.9
1917	700.0	190.0	4.0	0.0	41.3	36.3	1994	50.0	170.0	4.0	0.0	43.0	36.9
1918	0.0	180.0	4.0	0.0	42.4	36.9	1995	60.0	170.0	4.0	0.0	43.1	37.1
1919	10.0	180.0	4.0	0.0	42.5	36.9	1996	70.0	170.0	4.0	0.0	43.4	37.2
1920	20.0	180.0	4.0	0.0	42.7	37.0	1997	80.0	170.0	4.0	0.0	43.6	37.3
1921	30.0	180.0	4.0	0.0	42.8	37.0	1998	90.0	170.0	4.0	0.0	44.0	37.4
1922	40.0	180.0	4.0	0.0	42.9	36.9	1999	100.0	170.0	4.0	0.0	44.1	37.6
1923	50.0	180.0	4.0	0.0	43.1	37.0	2000	110.0	170.0	4.0	0.0	44.4	37.6
1924	60.0	180.0	4.0	0.0	43.3	37.1	2001	120.0	170.0	4.0	0.0	44.1	37.8
1925	70.0	180.0	4.0	0.0	43.4	37.2	2002	130.0	170.0	4.0	0.0	44.8	38.0
1926	80.0	180.0	4.0	0.0	43.6	37.3	2003	140.0	170.0	4.0	0.0	45.2	38.1
1927	90.0	180.0	4.0	0.0	43.9	37.5	2004	150.0	170.0	4.0	0.0	45.6	38.3
1928	100.0	180.0	4.0	0.0	44.1	37.7	2005	160.0	170.0	4.0	0.0	46.1	38.6
1929	110.0	180.0	4.0	0.0	44.6	37.7	2006	170.0	170.0	4.0	0.0	46.6	38.9
1930	120.0	180.0	4.0	0.0	44.8	37.9	2007	180.0	170.0	4.0	0.0	47.2	38.9
1931	130.0	180.0	4.0	0.0	45.2	38.2	2008	190.0	170.0	4.0	0.0	47.8	39.2
1932	140.0	180.0	4.0	0.0	45.0	38.2	2009	200.0	170.0	4.0	0.0	48.6	40.3
1933	150.0	180.0	4.0	0.0	45.8	38.5	2010	210.0	170.0	4.0	0.0	49.4	41.0
1934	160.0	180.0	4.0	0.0	46.3	38.8	2011	220.0	170.0	4.0	0.0	50.1	41.3
1935	170.0	180.0	4.0	0.0	46.9	38.9	2012	230.0	170.0	4.0	0.0	50.7	41.5
1936	180.0	180.0	4.0	0.0	47.6	39.2	2013	240.0	170.0	4.0	0.0	51.7	42.8
1937	190.0	180.0	4.0	0.0	48.3	39.2	2014	250.0	170.0	4.0	0.0	52.3	43.5
1938	200.0	180.0	4.0	0.0	49.1	39.6	2015	260.0	170.0	4.0	0.0	52.5	43.8
1939	210.0	180.0	4.0	0.0	50.1	40.0	2016	270.0	170.0	4.0	0.0	52.4	44.0
1940	220.0	180.0	4.0	0.0	51.1	41.7	2017	280.0	170.0	4.0	0.0	52.3	44.2
1941	230.0	180.0	4.0	0.0	52.1	42.0	2018	290.0	170.0	4.0	0.0	52.3	44.3
1942	240.0	180.0	4.0	0.0	53.0	42.5	2019	300.0	170.0	4.0	0.0	52.0	44.2
1943	250.0	180.0	4.0	0.0	53.9	42.8	2020	310.0	170.0	4.0	0.0	50.6	44.1
1944	260.0	180.0	4.0	0.0	54.6	44.3	2021	320.0	170.0	4.0	0.0	50.8	44.0
1945	270.0	180.0	4.0	0.0	54.6	44.8	2022	330.0	170.0	4.0	0.0	49.2	43.8
1946	280.0	180.0	4.0	0.0	54.2	45.0	2023	340.0	170.0	4.0	0.0	49.1	43.9
1947	290.0	180.0	4.0	0.0	53.8	45.2	2024	350.0	170.0	4.0	0.0	48.5	43.5
1948	300.0	180.0	4.0	0.0	53.4	45.2	2025	360.0	170.0	4.0	0.0	47.6	42.9
1949	310.0	180.0	4.0	0.0	52.1	44.8	2026	370.0	170.0	4.0	0.0	47.2	42.0
1950	320.0	180.0	4.0	0.0	52.1	44.6	2027	380.0	170.0	4.0	0.0	46.7	41.5
1951	330.0	180.0	4.0	0.0	49.8	44.3	2028	390.0	170.0	4.0	0.0	46.5	41.2
1952	340.0	180.0	4.0	0.0	49.1	44.5	2029	400.0	170.0	4.0	0.0	46.6	41.2
1953	350.0	180.0	4.0	0.0	48.8	44.2	2030	410.0	170.0	4.0	0.0	45.9	40.4
1954	360.0	180.0	4.0	0.0	47.7	43.4	2031	420.0	170.0	4.0	0.0	45.6	40.1
1955	370.0	180.0	4.0	0.0	47.5	42.5	2032	430.0	170.0	4.0	0.0	45.3	39.8

2033	440.0	170.0	4.0	0.0	45.3	39.5	2110	500.0	160.0	4.0	0.0	43.5	38.2
2034	450.0	170.0	4.0	0.0	45.0	39.2	2111	510.0	160.0	4.0	0.0	43.3	38.0
2035	460.0	170.0	4.0	0.0	44.7	39.0	2112	520.0	160.0	4.0	0.0	43.2	37.9
2036	470.0	170.0	4.0	0.0	44.3	38.8	2113	530.0	160.0	4.0	0.0	43.0	37.8
2037	480.0	170.0	4.0	0.0	44.0	38.5	2114	540.0	160.0	4.0	0.0	42.9	37.6
2038	490.0	170.0	4.0	0.0	43.9	38.4	2115	550.0	160.0	4.0	0.0	42.7	37.5
2039	500.0	170.0	4.0	0.0	43.6	38.2	2116	560.0	160.0	4.0	0.0	42.6	37.5
2040	510.0	170.0	4.0	0.0	43.4	38.1	2117	570.0	160.0	4.0	0.0	42.5	37.4
2041	520.0	170.0	4.0	0.0	43.3	37.9	2118	580.0	160.0	4.0	0.0	42.3	37.2
2042	530.0	170.0	4.0	0.0	43.1	37.8	2119	590.0	160.0	4.0	0.0	42.2	37.1
2043	540.0	170.0	4.0	0.0	42.9	37.7	2120	600.0	160.0	4.0	0.0	42.1	37.0
2044	550.0	170.0	4.0	0.0	42.8	37.6	2121	610.0	160.0	4.0	0.0	42.0	36.9
2045	560.0	170.0	4.0	0.0	42.7	37.6	2122	620.0	160.0	4.0	0.0	41.9	36.9
2046	570.0	170.0	4.0	0.0	42.5	37.4	2123	630.0	160.0	4.0	0.0	41.8	36.8
2047	580.0	170.0	4.0	0.0	42.3	37.3	2124	640.0	160.0	4.0	0.0	41.7	36.7
2048	590.0	170.0	4.0	0.0	42.2	37.2	2125	650.0	160.0	4.0	0.0	41.6	36.6
2049	600.0	170.0	4.0	0.0	42.1	37.1	2126	660.0	160.0	4.0	0.0	41.6	36.6
2050	610.0	170.0	4.0	0.0	42.0	37.0	2127	670.0	160.0	4.0	0.0	41.5	36.5
2051	620.0	170.0	4.0	0.0	41.9	36.9	2128	680.0	160.0	4.0	0.0	41.4	36.4
2052	630.0	170.0	4.0	0.0	41.8	36.8	2129	690.0	160.0	4.0	0.0	41.4	36.3
2053	640.0	170.0	4.0	0.0	41.7	36.7	2130	700.0	160.0	4.0	0.0	41.3	36.3
2054	650.0	170.0	4.0	0.0	41.6	36.6	2131	0.0	150.0	4.0	0.0	42.2	36.5
2055	660.0	170.0	4.0	0.0	41.6	36.6	2132	10.0	150.0	4.0	0.0	42.3	36.6
2056	670.0	170.0	4.0	0.0	41.5	36.5	2133	20.0	150.0	4.0	0.0	42.4	36.6
2057	680.0	170.0	4.0	0.0	41.4	36.4	2134	30.0	150.0	4.0	0.0	42.7	36.7
2058	690.0	170.0	4.0	0.0	41.4	36.4	2135	40.0	150.0	4.0	0.0	42.9	36.8
2059	700.0	170.0	4.0	0.0	41.3	36.3	2136	50.0	150.0	4.0	0.0	42.9	36.9
2060	0.0	160.0	4.0	0.0	42.2	36.6	2137	60.0	150.0	4.0	0.0	43.1	37.0
2061	10.0	160.0	4.0	0.0	42.3	36.6	2138	70.0	150.0	4.0	0.0	43.3	37.1
2062	20.0	160.0	4.0	0.0	42.4	36.7	2139	80.0	150.0	4.0	0.0	43.3	37.2
2063	30.0	160.0	4.0	0.0	42.6	36.8	2140	90.0	150.0	4.0	0.0	43.5	37.3
2064	40.0	160.0	4.0	0.0	42.8	36.9	2141	100.0	150.0	4.0	0.0	43.7	37.4
2065	50.0	160.0	4.0	0.0	42.9	36.9	2142	110.0	150.0	4.0	0.0	44.0	37.6
2066	60.0	160.0	4.0	0.0	43.2	37.0	2143	120.0	150.0	4.0	0.0	44.2	37.6
2067	70.0	160.0	4.0	0.0	43.3	37.2	2144	130.0	150.0	4.0	0.0	44.6	37.8
2068	80.0	160.0	4.0	0.0	43.5	37.2	2145	140.0	150.0	4.0	0.0	44.9	38.0
2069	90.0	160.0	4.0	0.0	43.8	37.3	2146	150.0	150.0	4.0	0.0	45.2	38.0
2070	100.0	160.0	4.0	0.0	43.5	37.5	2147	160.0	150.0	4.0	0.0	45.5	38.7
2071	110.0	160.0	4.0	0.0	44.1	37.7	2148	170.0	150.0	4.0	0.0	46.1	39.3
2072	120.0	160.0	4.0	0.0	44.4	37.7	2149	180.0	150.0	4.0	0.0	46.5	39.6
2073	130.0	160.0	4.0	0.0	44.7	37.9	2150	190.0	150.0	4.0	0.0	46.9	39.7
2074	140.0	160.0	4.0	0.0	45.0	38.1	2151	200.0	150.0	4.0	0.0	47.3	40.5
2075	150.0	160.0	4.0	0.0	45.4	38.2	2152	210.0	150.0	4.0	0.0	47.8	41.1
2076	160.0	160.0	4.0	0.0	45.9	38.4	2153	220.0	150.0	4.0	0.0	48.5	41.4
2077	170.0	160.0	4.0	0.0	46.3	38.6	2154	230.0	150.0	4.0	0.0	49.0	41.7
2078	180.0	160.0	4.0	0.0	46.9	39.4	2155	240.0	150.0	4.0	0.0	49.3	42.0
2079	190.0	160.0	4.0	0.0	47.5	40.0	2156	250.0	150.0	4.0	0.0	49.6	42.2
2080	200.0	160.0	4.0	0.0	48.0	40.3	2157	260.0	150.0	4.0	0.0	49.6	42.4
2081	210.0	160.0	4.0	0.0	48.6	40.6	2158	270.0	150.0	4.0	0.0	49.8	42.6
2082	220.0	160.0	4.0	0.0	49.1	41.7	2159	280.0	150.0	4.0	0.0	50.0	42.7
2083	230.0	160.0	4.0	0.0	49.9	42.2	2160	290.0	150.0	4.0	0.0	49.8	42.7
2084	240.0	160.0	4.0	0.0	50.4	42.5	2161	300.0	150.0	4.0	0.0	49.4	42.5
2085	250.0	160.0	4.0	0.0	50.8	42.8	2162	310.0	150.0	4.0	0.0	49.3	42.4
2086	260.0	160.0	4.0	0.0	51.0	43.1	2163	320.0	150.0	4.0	0.0	49.3	42.4
2087	270.0	160.0	4.0	0.0	51.0	43.2	2164	330.0	150.0	4.0	0.0	47.7	42.5
2088	280.0	160.0	4.0	0.0	51.2	43.4	2165	340.0	150.0	4.0	0.0	47.6	42.5
2089	290.0	160.0	4.0	0.0	51.0	43.4	2166	350.0	150.0	4.0	0.0	47.6	42.3
2090	300.0	160.0	4.0	0.0	50.2	43.3	2167	360.0	150.0	4.0	0.0	47.0	41.8
2091	310.0	160.0	4.0	0.0	50.2	43.2	2168	370.0	150.0	4.0	0.0	46.6	41.4
2092	320.0	160.0	4.0	0.0	49.9	43.1	2169	380.0	150.0	4.0	0.0	45.8	40.9
2093	330.0	160.0	4.0	0.0	48.5	43.1	2170	390.0	150.0	4.0	0.0	45.6	40.5
2094	340.0	160.0	4.0	0.0	48.5	43.2	2171	400.0	150.0	4.0	0.0	45.3	40.3
2095	350.0	160.0	4.0	0.0	48.0	42.8	2172	410.0	150.0	4.0	0.0	45.4	40.0
2096	360.0	160.0	4.0	0.0	47.5	42.3	2173	420.0	150.0	4.0	0.0	45.2	39.9
2097	370.0	160.0	4.0	0.0	47.0	41.6	2174	430.0	150.0	4.0	0.0	44.8	39.4
2098	380.0	160.0	4.0	0.0	46.5	41.2	2175	440.0	150.0	4.0	0.0	44.6	39.2
2099	390.0	160.0	4.0	0.0	46.1	40.8	2176	450.0	150.0	4.0	0.0	44.3	39.0
2100	400.0	160.0	4.0	0.0	45.9	40.5	2177	460.0	150.0	4.0	0.0	44.2	38.8
2101	410.0	160.0	4.0	0.0	45.8	40.6	2178	470.0	150.0	4.0	0.0	44.2	38.6
2102	420.0	160.0	4.0	0.0	45.3	39.9	2179	480.0	150.0	4.0	0.0	43.9	38.4
2103	430.0	160.0	4.0	0.0	45.1	39.7	2180	490.0	150.0	4.0	0.0	43.8	38.3
2104	440.0	160.0	4.0	0.0	44.8	39.3	2181	500.0	150.0	4.0	0.0	43.5	38.1
2105	450.0	160.0	4.0	0.0	44.7	39.1	2182	510.0	150.0	4.0	0.0	43.3	37.9
2106	460.0	160.0	4.0	0.0	44.5	38.8	2183	520.0	150.0	4.0	0.0	43.1	37.8
2107	470.0	160.0	4.0	0.0	44.3	38.7	2184	530.0	150.0	4.0	0.0	42.9	37.7
2108	480.0	160.0	4.0	0.0	44.0	38.4	2185	540.0	150.0	4.0	0.0	42.7	37.6
2109	490.0	160.0	4.0	0.0	43.7	38.3	2186	550.0	150.0	4.0	0.0	42.6	37.5

2187	560.0	150.0	4.0	0.0	42.6	37.4	2264	620.0	140.0	4.0	0.0	41.9	36.8
2188	570.0	150.0	4.0	0.0	42.4	37.3	2265	630.0	140.0	4.0	0.0	41.7	36.7
2189	580.0	150.0	4.0	0.0	42.3	37.2	2266	640.0	140.0	4.0	0.0	41.7	36.6
2190	590.0	150.0	4.0	0.0	42.2	37.1	2267	650.0	140.0	4.0	0.0	41.6	36.6
2191	600.0	150.0	4.0	0.0	42.1	37.0	2268	660.0	140.0	4.0	0.0	41.6	36.5
2192	610.0	150.0	4.0	0.0	41.9	36.9	2269	670.0	140.0	4.0	0.0	41.5	36.4
2193	620.0	150.0	4.0	0.0	41.9	36.8	2270	680.0	140.0	4.0	0.0	41.4	36.4
2194	630.0	150.0	4.0	0.0	41.8	36.7	2271	690.0	140.0	4.0	0.0	41.4	36.3
2195	640.0	150.0	4.0	0.0	41.7	36.7	2272	700.0	140.0	4.0	0.0	41.3	36.3
2196	650.0	150.0	4.0	0.0	41.7	36.6	2273	0.0	130.0	4.0	0.0	42.2	36.5
2197	660.0	150.0	4.0	0.0	41.6	36.5	2274	10.0	130.0	4.0	0.0	42.3	36.5
2198	670.0	150.0	4.0	0.0	41.5	36.5	2275	20.0	130.0	4.0	0.0	42.4	36.6
2199	680.0	150.0	4.0	0.0	41.4	36.4	2276	30.0	130.0	4.0	0.0	42.5	36.6
2200	690.0	150.0	4.0	0.0	41.3	36.3	2277	40.0	130.0	4.0	0.0	42.5	36.7
2201	700.0	150.0	4.0	0.0	41.3	36.3	2278	50.0	130.0	4.0	0.0	42.7	36.8
2202	0.0	140.0	4.0	0.0	42.2	36.5	2279	60.0	130.0	4.0	0.0	42.8	36.9
2203	10.0	140.0	4.0	0.0	42.4	36.6	2280	70.0	130.0	4.0	0.0	43.0	37.0
2204	20.0	140.0	4.0	0.0	42.4	36.7	2281	80.0	130.0	4.0	0.0	43.2	37.1
2205	30.0	140.0	4.0	0.0	42.5	36.7	2282	90.0	130.0	4.0	0.0	43.4	37.2
2206	40.0	140.0	4.0	0.0	42.7	36.8	2283	100.0	130.0	4.0	0.0	43.6	37.2
2207	50.0	140.0	4.0	0.0	42.9	36.9	2284	110.0	130.0	4.0	0.0	43.8	37.4
2208	60.0	140.0	4.0	0.0	42.8	36.9	2285	120.0	130.0	4.0	0.0	43.9	37.8
2209	70.0	140.0	4.0	0.0	43.0	37.0	2286	130.0	130.0	4.0	0.0	44.2	38.1
2210	80.0	140.0	4.0	0.0	43.2	37.1	2287	140.0	130.0	4.0	0.0	44.6	38.3
2211	90.0	140.0	4.0	0.0	43.4	37.2	2288	150.0	130.0	4.0	0.0	44.8	38.5
2212	100.0	140.0	4.0	0.0	43.6	37.3	2289	160.0	130.0	4.0	0.0	45.2	38.9
2213	110.0	140.0	4.0	0.0	43.9	37.5	2290	170.0	130.0	4.0	0.0	45.6	39.5
2214	120.0	140.0	4.0	0.0	44.2	37.6	2291	180.0	130.0	4.0	0.0	45.6	39.7
2215	130.0	140.0	4.0	0.0	44.3	37.6	2292	190.0	130.0	4.0	0.0	46.0	40.0
2216	140.0	140.0	4.0	0.0	44.6	38.2	2293	200.0	130.0	4.0	0.0	46.3	40.2
2217	150.0	140.0	4.0	0.0	45.1	38.7	2294	210.0	130.0	4.0	0.0	46.9	40.4
2218	160.0	140.0	4.0	0.0	45.5	38.9	2295	220.0	130.0	4.0	0.0	47.1	40.6
2219	170.0	140.0	4.0	0.0	45.7	39.1	2296	230.0	130.0	4.0	0.0	47.4	40.8
2220	180.0	140.0	4.0	0.0	46.2	39.6	2297	240.0	130.0	4.0	0.0	47.6	41.0
2221	190.0	140.0	4.0	0.0	46.4	40.3	2298	250.0	130.0	4.0	0.0	47.6	41.2
2222	200.0	140.0	4.0	0.0	46.8	40.5	2299	260.0	130.0	4.0	0.0	48.1	41.3
2223	210.0	140.0	4.0	0.0	47.5	40.7	2300	270.0	130.0	4.0	0.0	48.2	41.4
2224	220.0	140.0	4.0	0.0	47.8	41.0	2301	280.0	130.0	4.0	0.0	48.1	41.4
2225	230.0	140.0	4.0	0.0	48.1	41.2	2302	290.0	130.0	4.0	0.0	48.1	41.4
2226	240.0	140.0	4.0	0.0	48.4	41.4	2303	300.0	130.0	4.0	0.0	47.7	41.4
2227	250.0	140.0	4.0	0.0	48.6	41.7	2304	310.0	130.0	4.0	0.0	47.7	41.4
2228	260.0	140.0	4.0	0.0	48.7	41.9	2305	320.0	130.0	4.0	0.0	47.9	41.5
2229	270.0	140.0	4.0	0.0	49.1	42.0	2306	330.0	130.0	4.0	0.0	47.0	41.7
2230	280.0	140.0	4.0	0.0	49.0	41.9	2307	340.0	130.0	4.0	0.0	46.8	41.6
2231	290.0	140.0	4.0	0.0	48.8	41.9	2308	350.0	130.0	4.0	0.0	46.3	41.3
2232	300.0	140.0	4.0	0.0	48.5	42.0	2309	360.0	130.0	4.0	0.0	45.9	40.9
2233	310.0	140.0	4.0	0.0	48.4	41.8	2310	370.0	130.0	4.0	0.0	45.9	40.7
2234	320.0	140.0	4.0	0.0	48.6	42.0	2311	380.0	130.0	4.0	0.0	45.6	40.3
2235	330.0	140.0	4.0	0.0	47.1	42.1	2312	390.0	130.0	4.0	0.0	45.0	39.8
2236	340.0	140.0	4.0	0.0	47.3	42.1	2313	400.0	130.0	4.0	0.0	44.5	39.7
2237	350.0	140.0	4.0	0.0	46.9	41.8	2314	410.0	130.0	4.0	0.0	44.5	39.7
2238	360.0	140.0	4.0	0.0	46.6	41.3	2315	420.0	130.0	4.0	0.0	44.3	39.3
2239	370.0	140.0	4.0	0.0	46.3	41.0	2316	430.0	130.0	4.0	0.0	43.9	39.2
2240	380.0	140.0	4.0	0.0	45.6	40.5	2317	440.0	130.0	4.0	0.0	43.7	39.1
2241	390.0	140.0	4.0	0.0	45.0	40.3	2318	450.0	130.0	4.0	0.0	43.7	38.8
2242	400.0	140.0	4.0	0.0	44.9	40.0	2319	460.0	130.0	4.0	0.0	43.5	38.5
2243	410.0	140.0	4.0	0.0	44.9	39.9	2320	470.0	130.0	4.0	0.0	43.3	38.4
2244	420.0	140.0	4.0	0.0	44.8	39.7	2321	480.0	130.0	4.0	0.0	43.4	38.2
2245	430.0	140.0	4.0	0.0	44.8	39.5	2322	490.0	130.0	4.0	0.0	43.4	38.1
2246	440.0	140.0	4.0	0.0	44.4	39.0	2323	500.0	130.0	4.0	0.0	43.2	37.9
2247	450.0	140.0	4.0	0.0	44.2	38.8	2324	510.0	130.0	4.0	0.0	43.2	37.8
2248	460.0	140.0	4.0	0.0	44.0	38.7	2325	520.0	130.0	4.0	0.0	43.0	37.8
2249	470.0	140.0	4.0	0.0	43.7	38.5	2326	530.0	130.0	4.0	0.0	42.7	37.7
2250	480.0	140.0	4.0	0.0	43.7	38.4	2327	540.0	130.0	4.0	0.0	42.5	37.6
2251	490.0	140.0	4.0	0.0	43.6	38.2	2328	550.0	130.0	4.0	0.0	42.4	37.4
2252	500.0	140.0	4.0	0.0	43.4	38.1	2329	560.0	130.0	4.0	0.0	42.5	37.3
2253	510.0	140.0	4.0	0.0	43.0	37.9	2330	570.0	130.0	4.0	0.0	42.3	37.2
2254	520.0	140.0	4.0	0.0	42.8	37.8	2331	580.0	130.0	4.0	0.0	42.2	37.1
2255	530.0	140.0	4.0	0.0	42.9	37.7	2332	590.0	130.0	4.0	0.0	42.1	37.0
2256	540.0	140.0	4.0	0.0	42.8	37.6	2333	600.0	130.0	4.0	0.0	42.0	36.9
2257	550.0	140.0	4.0	0.0	42.6	37.5	2334	610.0	130.0	4.0	0.0	41.9	36.8
2258	560.0	140.0	4.0	0.0	42.5	37.4	2335	620.0	130.0	4.0	0.0	41.8	36.7
2259	570.0	140.0	4.0	0.0	42.3	37.3	2336	630.0	130.0	4.0	0.0	41.8	36.7
2260	580.0	140.0	4.0	0.0	42.2	37.2	2337	640.0	130.0	4.0	0.0	41.7	36.6
2261	590.0	140.0	4.0	0.0	42.2	37.0	2338	650.0	130.0	4.0	0.0	41.6	36.5
2262	600.0	140.0	4.0	0.0	42.1	36.9	2339	660.0	130.0	4.0	0.0	41.5	36.5
2263	610.0	140.0	4.0	0.0	42.0	36.9	2340	670.0	130.0	4.0	0.0	41.4	36.4

2341	680.0	130.0	4.0	0.0	41.4	36.4	2418	30.0	110.0	4.0	0.0	42.3	36.6
2342	690.0	130.0	4.0	0.0	41.3	36.3	2419	40.0	110.0	4.0	0.0	42.5	36.6
2343	700.0	130.0	4.0	0.0	41.3	36.3	2420	50.0	110.0	4.0	0.0	42.6	36.7
2344	0.0	120.0	4.0	0.0	42.1	36.5	2421	60.0	110.0	4.0	0.0	42.7	36.8
2345	10.0	120.0	4.0	0.0	42.1	36.5	2422	70.0	110.0	4.0	0.0	42.9	36.9
2346	20.0	120.0	4.0	0.0	42.2	36.6	2423	80.0	110.0	4.0	0.0	42.9	37.1
2347	30.0	120.0	4.0	0.0	42.4	36.7	2424	90.0	110.0	4.0	0.0	43.1	37.4
2348	40.0	120.0	4.0	0.0	42.5	36.7	2425	100.0	110.0	4.0	0.0	43.3	37.5
2349	50.0	120.0	4.0	0.0	42.6	36.8	2426	110.0	110.0	4.0	0.0	43.7	37.7
2350	60.0	120.0	4.0	0.0	42.8	36.9	2427	120.0	110.0	4.0	0.0	43.8	37.9
2351	70.0	120.0	4.0	0.0	43.0	36.9	2428	130.0	110.0	4.0	0.0	44.1	38.4
2352	80.0	120.0	4.0	0.0	43.1	37.0	2429	140.0	110.0	4.0	0.0	44.3	38.6
2353	90.0	120.0	4.0	0.0	43.3	37.1	2430	150.0	110.0	4.0	0.0	44.1	38.7
2354	100.0	120.0	4.0	0.0	43.4	37.3	2431	160.0	110.0	4.0	0.0	44.5	38.9
2355	110.0	120.0	4.0	0.0	43.6	37.8	2432	170.0	110.0	4.0	0.0	44.7	39.1
2356	120.0	120.0	4.0	0.0	44.0	37.9	2433	180.0	110.0	4.0	0.0	44.9	39.2
2357	130.0	120.0	4.0	0.0	44.2	38.1	2434	190.0	110.0	4.0	0.0	45.4	39.4
2358	140.0	120.0	4.0	0.0	44.3	38.2	2435	200.0	110.0	4.0	0.0	45.6	39.6
2359	150.0	120.0	4.0	0.0	44.7	38.9	2436	210.0	110.0	4.0	0.0	45.8	39.7
2360	160.0	120.0	4.0	0.0	45.0	39.1	2437	220.0	110.0	4.0	0.0	46.0	39.9
2361	170.0	120.0	4.0	0.0	45.0	39.3	2438	230.0	110.0	4.0	0.0	46.1	40.0
2362	180.0	120.0	4.0	0.0	45.3	39.5	2439	240.0	110.0	4.0	0.0	46.1	40.1
2363	190.0	120.0	4.0	0.0	45.6	39.7	2440	250.0	110.0	4.0	0.0	46.7	40.2
2364	200.0	120.0	4.0	0.0	46.1	39.9	2441	260.0	110.0	4.0	0.0	46.8	40.4
2365	210.0	120.0	4.0	0.0	46.3	40.0	2442	270.0	110.0	4.0	0.0	46.7	40.4
2366	220.0	120.0	4.0	0.0	46.5	40.2	2443	280.0	110.0	4.0	0.0	46.7	40.4
2367	230.0	120.0	4.0	0.0	46.7	40.4	2444	290.0	110.0	4.0	0.0	46.4	40.5
2368	240.0	120.0	4.0	0.0	47.0	40.5	2445	300.0	110.0	4.0	0.0	46.4	40.5
2369	250.0	120.0	4.0	0.0	47.0	40.7	2446	310.0	110.0	4.0	0.0	46.6	40.7
2370	260.0	120.0	4.0	0.0	47.4	40.8	2447	320.0	110.0	4.0	0.0	46.5	40.8
2371	270.0	120.0	4.0	0.0	47.4	40.8	2448	330.0	110.0	4.0	0.0	46.2	40.7
2372	280.0	120.0	4.0	0.0	47.4	40.9	2449	340.0	110.0	4.0	0.0	45.7	40.7
2373	290.0	120.0	4.0	0.0	47.0	40.9	2450	350.0	110.0	4.0	0.0	45.6	40.5
2374	300.0	120.0	4.0	0.0	47.0	40.9	2451	360.0	110.0	4.0	0.0	45.2	40.3
2375	310.0	120.0	4.0	0.0	47.1	40.9	2452	370.0	110.0	4.0	0.0	45.0	40.0
2376	320.0	120.0	4.0	0.0	47.4	41.1	2453	380.0	110.0	4.0	0.0	44.7	39.8
2377	330.0	120.0	4.0	0.0	46.7	41.2	2454	390.0	110.0	4.0	0.0	44.7	39.3
2378	340.0	120.0	4.0	0.0	46.1	41.2	2455	400.0	110.0	4.0	0.0	44.5	39.2
2379	350.0	120.0	4.0	0.0	45.8	40.9	2456	410.0	110.0	4.0	0.0	44.3	39.0
2380	360.0	120.0	4.0	0.0	45.5	40.6	2457	420.0	110.0	4.0	0.0	43.9	38.9
2381	370.0	120.0	4.0	0.0	45.3	40.3	2458	430.0	110.0	4.0	0.0	43.5	38.7
2382	380.0	120.0	4.0	0.0	45.3	39.9	2459	440.0	110.0	4.0	0.0	43.7	38.7
2383	390.0	120.0	4.0	0.0	45.0	39.7	2460	450.0	110.0	4.0	0.0	43.5	38.5
2384	400.0	120.0	4.0	0.0	44.6	39.5	2461	460.0	110.0	4.0	0.0	43.3	38.4
2385	410.0	120.0	4.0	0.0	44.3	39.3	2462	470.0	110.0	4.0	0.0	42.9	38.2
2386	420.0	120.0	4.0	0.0	43.8	39.1	2463	480.0	110.0	4.0	0.0	43.0	38.1
2387	430.0	120.0	4.0	0.0	43.9	38.9	2464	490.0	110.0	4.0	0.0	42.9	38.0
2388	440.0	120.0	4.0	0.0	43.9	38.8	2465	500.0	110.0	4.0	0.0	42.7	37.9
2389	450.0	120.0	4.0	0.0	43.3	38.6	2466	510.0	110.0	4.0	0.0	42.5	37.8
2390	460.0	120.0	4.0	0.0	43.1	38.4	2467	520.0	110.0	4.0	0.0	42.5	37.6
2391	470.0	120.0	4.0	0.0	43.2	38.3	2468	530.0	110.0	4.0	0.0	42.4	37.5
2392	480.0	120.0	4.0	0.0	43.0	38.1	2469	540.0	110.0	4.0	0.0	42.3	37.4
2393	490.0	120.0	4.0	0.0	42.9	38.1	2470	550.0	110.0	4.0	0.0	42.3	37.3
2394	500.0	120.0	4.0	0.0	42.7	37.9	2471	560.0	110.0	4.0	0.0	42.2	37.2
2395	510.0	120.0	4.0	0.0	42.7	37.8	2472	570.0	110.0	4.0	0.0	42.1	37.1
2396	520.0	120.0	4.0	0.0	42.6	37.7	2473	580.0	110.0	4.0	0.0	42.0	37.0
2397	530.0	120.0	4.0	0.0	42.6	37.6	2474	590.0	110.0	4.0	0.0	41.9	36.9
2398	540.0	120.0	4.0	0.0	42.7	37.5	2475	600.0	110.0	4.0	0.0	41.8	36.8
2399	550.0	120.0	4.0	0.0	42.3	37.4	2476	610.0	110.0	4.0	0.0	41.7	36.8
2400	560.0	120.0	4.0	0.0	42.2	37.3	2477	620.0	110.0	4.0	0.0	41.6	36.7
2401	570.0	120.0	4.0	0.0	42.1	37.2	2478	630.0	110.0	4.0	0.0	41.7	36.6
2402	580.0	120.0	4.0	0.0	42.0	37.1	2479	640.0	110.0	4.0	0.0	41.6	36.6
2403	590.0	120.0	4.0	0.0	41.9	37.0	2480	650.0	110.0	4.0	0.0	41.5	36.5
2404	600.0	120.0	4.0	0.0	42.0	36.9	2481	660.0	110.0	4.0	0.0	41.5	36.4
2405	610.0	120.0	4.0	0.0	41.9	36.8	2482	670.0	110.0	4.0	0.0	41.4	36.4
2406	620.0	120.0	4.0	0.0	41.8	36.7	2483	680.0	110.0	4.0	0.0	41.4	36.3
2407	630.0	120.0	4.0	0.0	41.7	36.7	2484	690.0	110.0	4.0	0.0	41.3	36.3
2408	640.0	120.0	4.0	0.0	41.6	36.6	2485	700.0	110.0	4.0	0.0	41.3	36.2
2409	650.0	120.0	4.0	0.0	41.6	36.5	2486	0.0	100.0	4.0	0.0	42.0	36.4
2410	660.0	120.0	4.0	0.0	41.5	36.4	2487	10.0	100.0	4.0	0.0	42.1	36.5
2411	670.0	120.0	4.0	0.0	41.5	36.4	2488	20.0	100.0	4.0	0.0	42.2	36.5
2412	680.0	120.0	4.0	0.0	41.4	36.3	2489	30.0	100.0	4.0	0.0	42.4	36.6
2413	690.0	120.0	4.0	0.0	41.3	36.3	2490	40.0	100.0	4.0	0.0	42.4	36.6
2414	700.0	120.0	4.0	0.0	41.3	36.2	2491	50.0	100.0	4.0	0.0	42.5	36.6
2415	0.0	110.0	4.0	0.0	42.0	36.4	2492	60.0	100.0	4.0	0.0	42.6	36.8
2416	10.0	110.0	4.0	0.0	42.1	36.5	2493	70.0	100.0	4.0	0.0	42.7	37.2
2417	20.0	110.0	4.0	0.0	42.2	36.5	2494	80.0	100.0	4.0	0.0	42.8	37.2

2495	90.0	100.0	4.0	0.0	43.2	37.3	2572	150.0	90.0	4.0	0.0	43.8	38.4
2496	100.0	100.0	4.0	0.0	43.3	37.5	2573	160.0	90.0	4.0	0.0	44.0	38.5
2497	110.0	100.0	4.0	0.0	43.5	38.0	2574	170.0	90.0	4.0	0.0	44.4	38.6
2498	120.0	100.0	4.0	0.0	43.7	38.1	2575	180.0	90.0	4.0	0.0	44.6	38.8
2499	130.0	100.0	4.0	0.0	43.9	38.2	2576	190.0	90.0	4.0	0.0	44.7	38.9
2500	140.0	100.0	4.0	0.0	43.8	38.4	2577	200.0	90.0	4.0	0.0	44.8	39.0
2501	150.0	100.0	4.0	0.0	44.0	38.5	2578	210.0	90.0	4.0	0.0	45.0	39.2
2502	160.0	100.0	4.0	0.0	44.2	38.7	2579	220.0	90.0	4.0	0.0	45.2	39.3
2503	170.0	100.0	4.0	0.0	44.4	38.8	2580	230.0	90.0	4.0	0.0	45.0	39.4
2504	180.0	100.0	4.0	0.0	44.9	39.0	2581	240.0	90.0	4.0	0.0	45.6	39.5
2505	190.0	100.0	4.0	0.0	45.1	39.2	2582	250.0	90.0	4.0	0.0	45.6	39.6
2506	200.0	100.0	4.0	0.0	45.2	39.3	2583	260.0	90.0	4.0	0.0	45.7	39.6
2507	210.0	100.0	4.0	0.0	45.4	39.4	2584	270.0	90.0	4.0	0.0	45.7	39.7
2508	220.0	100.0	4.0	0.0	45.5	39.6	2585	280.0	90.0	4.0	0.0	45.1	39.7
2509	230.0	100.0	4.0	0.0	45.7	39.7	2586	290.0	90.0	4.0	0.0	45.4	39.7
2510	240.0	100.0	4.0	0.0	45.7	39.8	2587	300.0	90.0	4.0	0.0	45.6	39.8
2511	250.0	100.0	4.0	0.0	46.1	39.9	2588	310.0	90.0	4.0	0.0	45.6	40.0
2512	260.0	100.0	4.0	0.0	46.2	40.0	2589	320.0	90.0	4.0	0.0	45.7	40.1
2513	270.0	100.0	4.0	0.0	46.2	40.0	2590	330.0	90.0	4.0	0.0	45.5	40.0
2514	280.0	100.0	4.0	0.0	46.1	40.1	2591	340.0	90.0	4.0	0.0	44.9	39.9
2515	290.0	100.0	4.0	0.0	45.8	40.1	2592	350.0	90.0	4.0	0.0	44.9	39.7
2516	300.0	100.0	4.0	0.0	46.0	40.2	2593	360.0	90.0	4.0	0.0	44.7	39.6
2517	310.0	100.0	4.0	0.0	46.1	40.3	2594	370.0	90.0	4.0	0.0	44.4	39.5
2518	320.0	100.0	4.0	0.0	46.1	40.4	2595	380.0	90.0	4.0	0.0	44.2	39.2
2519	330.0	100.0	4.0	0.0	45.9	40.4	2596	390.0	90.0	4.0	0.0	44.0	39.0
2520	340.0	100.0	4.0	0.0	45.3	40.3	2597	400.0	90.0	4.0	0.0	43.8	38.7
2521	350.0	100.0	4.0	0.0	45.2	40.1	2598	410.0	90.0	4.0	0.0	43.9	38.6
2522	360.0	100.0	4.0	0.0	44.9	39.9	2599	420.0	90.0	4.0	0.0	43.7	38.5
2523	370.0	100.0	4.0	0.0	44.6	39.6	2600	430.0	90.0	4.0	0.0	43.6	38.4
2524	380.0	100.0	4.0	0.0	44.4	39.4	2601	440.0	90.0	4.0	0.0	43.3	38.3
2525	390.0	100.0	4.0	0.0	44.2	39.2	2602	450.0	90.0	4.0	0.0	43.2	38.2
2526	400.0	100.0	4.0	0.0	44.3	39.0	2603	460.0	90.0	4.0	0.0	42.9	38.1
2527	410.0	100.0	4.0	0.0	44.1	39.0	2604	470.0	90.0	4.0	0.0	43.0	38.0
2528	420.0	100.0	4.0	0.0	44.0	38.7	2605	480.0	90.0	4.0	0.0	42.8	37.9
2529	430.0	100.0	4.0	0.0	43.6	38.6	2606	490.0	90.0	4.0	0.0	42.8	37.8
2530	440.0	100.0	4.0	0.0	43.4	38.4	2607	500.0	90.0	4.0	0.0	42.5	37.7
2531	450.0	100.0	4.0	0.0	43.2	38.3	2608	510.0	90.0	4.0	0.0	42.2	37.6
2532	460.0	100.0	4.0	0.0	43.2	38.1	2609	520.0	90.0	4.0	0.0	42.3	37.4
2533	470.0	100.0	4.0	0.0	43.0	38.2	2610	530.0	90.0	4.0	0.0	42.2	37.4
2534	480.0	100.0	4.0	0.0	42.9	38.0	2611	540.0	90.0	4.0	0.0	42.1	37.3
2535	490.0	100.0	4.0	0.0	42.5	37.9	2612	550.0	90.0	4.0	0.0	42.1	37.2
2536	500.0	100.0	4.0	0.0	42.7	37.8	2613	560.0	90.0	4.0	0.0	42.0	37.1
2537	510.0	100.0	4.0	0.0	42.5	37.6	2614	570.0	90.0	4.0	0.0	41.9	37.0
2538	520.0	100.0	4.0	0.0	42.4	37.6	2615	580.0	90.0	4.0	0.0	41.8	36.9
2539	530.0	100.0	4.0	0.0	42.3	37.4	2616	590.0	90.0	4.0	0.0	41.8	36.8
2540	540.0	100.0	4.0	0.0	42.2	37.3	2617	600.0	90.0	4.0	0.0	41.7	36.8
2541	550.0	100.0	4.0	0.0	42.1	37.2	2618	610.0	90.0	4.0	0.0	41.6	36.7
2542	560.0	100.0	4.0	0.0	42.1	37.1	2619	620.0	90.0	4.0	0.0	41.6	36.6
2543	570.0	100.0	4.0	0.0	42.0	37.0	2620	630.0	90.0	4.0	0.0	41.5	36.6
2544	580.0	100.0	4.0	0.0	41.9	37.0	2621	640.0	90.0	4.0	0.0	41.5	36.5
2545	590.0	100.0	4.0	0.0	41.8	36.9	2622	650.0	90.0	4.0	0.0	41.4	36.4
2546	600.0	100.0	4.0	0.0	41.8	36.8	2623	660.0	90.0	4.0	0.0	41.3	36.4
2547	610.0	100.0	4.0	0.0	41.7	36.7	2624	670.0	90.0	4.0	0.0	41.2	36.3
2548	620.0	100.0	4.0	0.0	41.6	36.7	2625	680.0	90.0	4.0	0.0	41.3	36.3
2549	630.0	100.0	4.0	0.0	41.5	36.6	2626	690.0	90.0	4.0	0.0	41.3	36.2
2550	640.0	100.0	4.0	0.0	41.4	36.5	2627	700.0	90.0	4.0	0.0	41.2	36.2
2551	650.0	100.0	4.0	0.0	41.4	36.5	2628	0.0	80.0	4.0	0.0	41.9	36.3
2552	660.0	100.0	4.0	0.0	41.3	36.4	2629	10.0	80.0	4.0	0.0	42.0	36.4
2553	670.0	100.0	4.0	0.0	41.4	36.4	2630	20.0	80.0	4.0	0.0	42.1	36.5
2554	680.0	100.0	4.0	0.0	41.3	36.3	2631	30.0	80.0	4.0	0.0	42.1	36.7
2555	690.0	100.0	4.0	0.0	41.3	36.2	2632	40.0	80.0	4.0	0.0	42.2	36.8
2556	700.0	100.0	4.0	0.0	41.2	36.2	2633	50.0	80.0	4.0	0.0	42.4	36.8
2557	0.0	90.0	4.0	0.0	42.0	36.4	2634	60.0	80.0	4.0	0.0	42.5	36.9
2558	10.0	90.0	4.0	0.0	42.1	36.4	2635	70.0	80.0	4.0	0.0	42.8	37.3
2559	20.0	90.0	4.0	0.0	42.2	36.5	2636	80.0	80.0	4.0	0.0	42.8	37.4
2560	30.0	90.0	4.0	0.0	42.2	36.5	2637	90.0	80.0	4.0	0.0	43.0	37.5
2561	40.0	90.0	4.0	0.0	42.3	36.6	2638	100.0	80.0	4.0	0.0	43.1	37.6
2562	50.0	90.0	4.0	0.0	42.4	36.9	2639	110.0	80.0	4.0	0.0	42.9	37.7
2563	60.0	90.0	4.0	0.0	42.5	37.0	2640	120.0	80.0	4.0	0.0	43.2	37.8
2564	70.0	90.0	4.0	0.0	42.7	37.1	2641	130.0	80.0	4.0	0.0	43.3	38.0
2565	80.0	90.0	4.0	0.0	43.0	37.3	2642	140.0	80.0	4.0	0.0	43.5	38.1
2566	90.0	90.0	4.0	0.0	43.1	37.6	2643	150.0	80.0	4.0	0.0	43.6	38.2
2567	100.0	90.0	4.0	0.0	43.3	37.7	2644	160.0	80.0	4.0	0.0	44.0	38.3
2568	110.0	90.0	4.0	0.0	43.4	37.8	2645	170.0	80.0	4.0	0.0	44.1	38.5
2569	120.0	90.0	4.0	0.0	43.5	38.0	2646	180.0	80.0	4.0	0.0	44.2	38.6
2570	130.0	90.0	4.0	0.0	43.5	38.1	2647	190.0	80.0	4.0	0.0	44.4	38.7
2571	140.0	90.0	4.0	0.0	43.6	38.2	2648	200.0	80.0	4.0	0.0	44.5	38.8

2649	210.0	80.0	4.0	0.0	44.7	38.9	2726	270.0	70.0	4.0	0.0	44.8	39.1
2650	220.0	80.0	4.0	0.0	44.8	39.0	2727	280.0	70.0	4.0	0.0	44.7	39.1
2651	230.0	80.0	4.0	0.0	44.7	39.1	2728	290.0	70.0	4.0	0.0	44.6	39.2
2652	240.0	80.0	4.0	0.0	45.1	39.2	2729	300.0	70.0	4.0	0.0	45.2	39.3
2653	250.0	80.0	4.0	0.0	45.2	39.3	2730	310.0	70.0	4.0	0.0	44.9	39.4
2654	260.0	80.0	4.0	0.0	45.2	39.3	2731	320.0	70.0	4.0	0.0	44.9	39.4
2655	270.0	80.0	4.0	0.0	45.2	39.4	2732	330.0	70.0	4.0	0.0	44.8	39.3
2656	280.0	80.0	4.0	0.0	45.0	39.4	2733	340.0	70.0	4.0	0.0	44.6	39.3
2657	290.0	80.0	4.0	0.0	45.0	39.5	2734	350.0	70.0	4.0	0.0	44.1	39.0
2658	300.0	80.0	4.0	0.0	45.6	39.6	2735	360.0	70.0	4.0	0.0	44.1	39.0
2659	310.0	80.0	4.0	0.0	45.3	39.7	2736	370.0	70.0	4.0	0.0	44.0	38.9
2660	320.0	80.0	4.0	0.0	45.3	39.7	2737	380.0	70.0	4.0	0.0	43.8	38.8
2661	330.0	80.0	4.0	0.0	45.2	39.7	2738	390.0	70.0	4.0	0.0	43.6	38.7
2662	340.0	80.0	4.0	0.0	44.6	39.6	2739	400.0	70.0	4.0	0.0	43.4	38.4
2663	350.0	80.0	4.0	0.0	44.4	39.4	2740	410.0	70.0	4.0	0.0	43.3	38.3
2664	360.0	80.0	4.0	0.0	44.4	39.3	2741	420.0	70.0	4.0	0.0	43.2	38.3
2665	370.0	80.0	4.0	0.0	44.1	39.1	2742	430.0	70.0	4.0	0.0	43.3	38.2
2666	380.0	80.0	4.0	0.0	43.9	38.9	2743	440.0	70.0	4.0	0.0	43.2	38.1
2667	390.0	80.0	4.0	0.0	43.8	38.7	2744	450.0	70.0	4.0	0.0	43.1	38.0
2668	400.0	80.0	4.0	0.0	43.6	38.5	2745	460.0	70.0	4.0	0.0	42.8	37.9
2669	410.0	80.0	4.0	0.0	43.5	38.4	2746	470.0	70.0	4.0	0.0	42.8	37.8
2670	420.0	80.0	4.0	0.0	43.6	38.4	2747	480.0	70.0	4.0	0.0	42.7	37.6
2671	430.0	80.0	4.0	0.0	43.5	38.3	2748	490.0	70.0	4.0	0.0	42.4	37.5
2672	440.0	80.0	4.0	0.0	43.4	38.2	2749	500.0	70.0	4.0	0.0	42.4	37.5
2673	450.0	80.0	4.0	0.0	43.1	38.1	2750	510.0	70.0	4.0	0.0	42.4	37.4
2674	460.0	80.0	4.0	0.0	42.9	38.0	2751	520.0	70.0	4.0	0.0	42.2	37.3
2675	470.0	80.0	4.0	0.0	42.7	37.9	2752	530.0	70.0	4.0	0.0	42.1	37.2
2676	480.0	80.0	4.0	0.0	42.8	37.8	2753	540.0	70.0	4.0	0.0	42.0	37.1
2677	490.0	80.0	4.0	0.0	42.6	37.7	2754	550.0	70.0	4.0	0.0	41.7	37.0
2678	500.0	80.0	4.0	0.0	42.6	37.6	2755	560.0	70.0	4.0	0.0	41.8	37.0
2679	510.0	80.0	4.0	0.0	42.4	37.5	2756	570.0	70.0	4.0	0.0	41.7	36.9
2680	520.0	80.0	4.0	0.0	42.2	37.4	2757	580.0	70.0	4.0	0.0	41.7	36.8
2681	530.0	80.0	4.0	0.0	42.0	37.3	2758	590.0	70.0	4.0	0.0	41.6	36.7
2682	540.0	80.0	4.0	0.0	42.1	37.2	2759	600.0	70.0	4.0	0.0	41.6	36.7
2683	550.0	80.0	4.0	0.0	42.0	37.1	2760	610.0	70.0	4.0	0.0	41.5	36.6
2684	560.0	80.0	4.0	0.0	41.9	37.0	2761	620.0	70.0	4.0	0.0	41.5	36.5
2685	570.0	80.0	4.0	0.0	41.8	36.9	2762	630.0	70.0	4.0	0.0	41.4	36.5
2686	580.0	80.0	4.0	0.0	41.7	36.8	2763	640.0	70.0	4.0	0.0	41.4	36.4
2687	590.0	80.0	4.0	0.0	41.7	36.8	2764	650.0	70.0	4.0	0.0	41.3	36.4
2688	600.0	80.0	4.0	0.0	41.6	36.7	2765	660.0	70.0	4.0	0.0	41.3	36.3
2689	610.0	80.0	4.0	0.0	41.6	36.6	2766	670.0	70.0	4.0	0.0	41.4	36.3
2690	620.0	80.0	4.0	0.0	41.5	36.6	2767	680.0	70.0	4.0	0.0	41.3	36.2
2691	630.0	80.0	4.0	0.0	41.5	36.5	2768	690.0	70.0	4.0	0.0	41.3	36.2
2692	640.0	80.0	4.0	0.0	41.4	36.5	2769	700.0	70.0	4.0	0.0	41.2	36.1
2693	650.0	80.0	4.0	0.0	41.5	36.4	2770	0.0	60.0	4.0	0.0	41.8	36.4
2694	660.0	80.0	4.0	0.0	41.5	36.4	2771	10.0	60.0	4.0	0.0	41.8	36.5
2695	670.0	80.0	4.0	0.0	41.4	36.3	2772	20.0	60.0	4.0	0.0	42.0	36.6
2696	680.0	80.0	4.0	0.0	41.4	36.3	2773	30.0	60.0	4.0	0.0	42.1	36.8
2697	690.0	80.0	4.0	0.0	41.3	36.2	2774	40.0	60.0	4.0	0.0	42.3	36.9
2698	700.0	80.0	4.0	0.0	41.2	36.2	2775	50.0	60.0	4.0	0.0	42.3	37.0
2699	0.0	70.0	4.0	0.0	41.8	36.4	2776	60.0	60.0	4.0	0.0	42.4	37.0
2700	10.0	70.0	4.0	0.0	41.9	36.5	2777	70.0	60.0	4.0	0.0	42.5	37.1
2701	20.0	70.0	4.0	0.0	42.0	36.6	2778	80.0	60.0	4.0	0.0	42.6	37.2
2702	30.0	70.0	4.0	0.0	42.1	36.7	2779	90.0	60.0	4.0	0.0	42.5	37.3
2703	40.0	70.0	4.0	0.0	42.2	36.7	2780	100.0	60.0	4.0	0.0	42.7	37.4
2704	50.0	70.0	4.0	0.0	42.5	37.0	2781	110.0	60.0	4.0	0.0	42.7	37.5
2705	60.0	70.0	4.0	0.0	42.5	37.1	2782	120.0	60.0	4.0	0.0	42.8	37.6
2706	70.0	70.0	4.0	0.0	42.6	37.2	2783	130.0	60.0	4.0	0.0	43.0	37.7
2707	80.0	70.0	4.0	0.0	42.7	37.3	2784	140.0	60.0	4.0	0.0	43.1	37.8
2708	90.0	70.0	4.0	0.0	42.8	37.4	2785	150.0	60.0	4.0	0.0	43.4	37.9
2709	100.0	70.0	4.0	0.0	42.7	37.5	2786	160.0	60.0	4.0	0.0	43.5	38.0
2710	110.0	70.0	4.0	0.0	42.9	37.6	2787	170.0	60.0	4.0	0.0	43.6	38.1
2711	120.0	70.0	4.0	0.0	43.0	37.7	2788	180.0	60.0	4.0	0.0	43.7	38.2
2712	130.0	70.0	4.0	0.0	43.1	37.8	2789	190.0	60.0	4.0	0.0	43.8	38.3
2713	140.0	70.0	4.0	0.0	43.3	37.9	2790	200.0	60.0	4.0	0.0	44.0	38.4
2714	150.0	70.0	4.0	0.0	43.6	38.0	2791	210.0	60.0	4.0	0.0	44.1	38.5
2715	160.0	70.0	4.0	0.0	43.8	38.2	2792	220.0	60.0	4.0	0.0	43.9	38.5
2716	170.0	70.0	4.0	0.0	43.9	38.3	2793	230.0	60.0	4.0	0.0	44.3	38.6
2717	180.0	70.0	4.0	0.0	44.0	38.4	2794	240.0	60.0	4.0	0.0	44.4	38.7
2718	190.0	70.0	4.0	0.0	44.1	38.5	2795	250.0	60.0	4.0	0.0	44.5	38.7
2719	200.0	70.0	4.0	0.0	44.2	38.6	2796	260.0	60.0	4.0	0.0	44.5	38.8
2720	210.0	70.0	4.0	0.0	44.3	38.7	2797	270.0	60.0	4.0	0.0	44.4	38.8
2721	220.0	70.0	4.0	0.0	44.2	38.8	2798	280.0	60.0	4.0	0.0	44.3	38.8
2722	230.0	70.0	4.0	0.0	44.6	38.9	2799	290.0	60.0	4.0	0.0	44.3	38.9
2723	240.0	70.0	4.0	0.0	44.7	38.9	2800	300.0	60.0	4.0	0.0	44.9	39.0
2724	250.0	70.0	4.0	0.0	44.8	39.0	2801	310.0	60.0	4.0	0.0	44.7	39.1
2725	260.0	70.0	4.0	0.0	44.8	39.0	2802	320.0	60.0	4.0	0.0	44.6	39.1

2803	330.0	60.0	4.0	0.0	44.5	39.0	2880	390.0	50.0	4.0	0.0	43.2	38.2
2804	340.0	60.0	4.0	0.0	44.3	38.8	2881	400.0	50.0	4.0	0.0	43.1	38.1
2805	350.0	60.0	4.0	0.0	43.8	38.8	2882	410.0	50.0	4.0	0.0	43.0	38.0
2806	360.0	60.0	4.0	0.0	43.9	38.7	2883	420.0	50.0	4.0	0.0	42.9	38.0
2807	370.0	60.0	4.0	0.0	43.8	38.7	2884	430.0	50.0	4.0	0.0	42.8	37.9
2808	380.0	60.0	4.0	0.0	43.5	38.5	2885	440.0	50.0	4.0	0.0	42.8	37.8
2809	390.0	60.0	4.0	0.0	43.4	38.4	2886	450.0	50.0	4.0	0.0	42.6	37.7
2810	400.0	60.0	4.0	0.0	43.3	38.3	2887	460.0	50.0	4.0	0.0	42.7	37.6
2811	410.0	60.0	4.0	0.0	43.2	38.2	2888	470.0	50.0	4.0	0.0	42.6	37.5
2812	420.0	60.0	4.0	0.0	43.1	38.1	2889	480.0	50.0	4.0	0.0	42.5	37.4
2813	430.0	60.0	4.0	0.0	43.0	38.0	2890	490.0	50.0	4.0	0.0	42.4	37.3
2814	440.0	60.0	4.0	0.0	43.1	37.9	2891	500.0	50.0	4.0	0.0	42.3	37.3
2815	450.0	60.0	4.0	0.0	43.0	37.8	2892	510.0	50.0	4.0	0.0	42.2	37.2
2816	460.0	60.0	4.0	0.0	42.9	37.7	2893	520.0	50.0	4.0	0.0	42.1	37.1
2817	470.0	60.0	4.0	0.0	42.6	37.6	2894	530.0	50.0	4.0	0.0	42.0	37.0
2818	480.0	60.0	4.0	0.0	42.5	37.5	2895	540.0	50.0	4.0	0.0	41.9	37.0
2819	490.0	60.0	4.0	0.0	42.5	37.4	2896	550.0	50.0	4.0	0.0	41.8	36.9
2820	500.0	60.0	4.0	0.0	42.2	37.3	2897	560.0	50.0	4.0	0.0	41.7	36.8
2821	510.0	60.0	4.0	0.0	42.2	37.3	2898	570.0	50.0	4.0	0.0	41.6	36.7
2822	520.0	60.0	4.0	0.0	42.2	37.2	2899	580.0	50.0	4.0	0.0	41.6	36.7
2823	530.0	60.0	4.0	0.0	42.0	37.1	2900	590.0	50.0	4.0	0.0	41.6	36.6
2824	540.0	60.0	4.0	0.0	41.9	37.0	2901	600.0	50.0	4.0	0.0	41.5	36.6
2825	550.0	60.0	4.0	0.0	41.8	36.9	2902	610.0	50.0	4.0	0.0	41.5	36.5
2826	560.0	60.0	4.0	0.0	41.8	36.9	2903	620.0	50.0	4.0	0.0	41.4	36.5
2827	570.0	60.0	4.0	0.0	41.5	36.8	2904	630.0	50.0	4.0	0.0	41.3	36.4
2828	580.0	60.0	4.0	0.0	41.6	36.7	2905	640.0	50.0	4.0	0.0	41.3	36.3
2829	590.0	60.0	4.0	0.0	41.6	36.7	2906	650.0	50.0	4.0	0.0	41.3	36.3
2830	600.0	60.0	4.0	0.0	41.5	36.6	2907	660.0	50.0	4.0	0.0	41.2	36.3
2831	610.0	60.0	4.0	0.0	41.5	36.5	2908	670.0	50.0	4.0	0.0	41.2	36.2
2832	620.0	60.0	4.0	0.0	41.4	36.5	2909	680.0	50.0	4.0	0.0	41.3	36.2
2833	630.0	60.0	4.0	0.0	41.4	36.4	2910	690.0	50.0	4.0	0.0	41.2	36.1
2834	640.0	60.0	4.0	0.0	41.3	36.4	2911	700.0	50.0	4.0	0.0	41.2	36.1
2835	650.0	60.0	4.0	0.0	41.3	36.3	2912	0.0	40.0	4.0	0.0	41.8	36.5
2836	660.0	60.0	4.0	0.0	41.3	36.3	2913	10.0	40.0	4.0	0.0	41.9	36.6
2837	670.0	60.0	4.0	0.0	41.4	36.3	2914	20.0	40.0	4.0	0.0	42.0	36.6
2838	680.0	60.0	4.0	0.0	41.3	36.2	2915	30.0	40.0	4.0	0.0	42.0	36.7
2839	690.0	60.0	4.0	0.0	41.3	36.2	2916	40.0	40.0	4.0	0.0	42.1	36.8
2840	700.0	60.0	4.0	0.0	41.2	36.1	2917	50.0	40.0	4.0	0.0	42.1	36.8
2841	0.0	50.0	4.0	0.0	41.8	36.4	2918	60.0	40.0	4.0	0.0	42.0	36.9
2842	10.0	50.0	4.0	0.0	41.9	36.6	2919	70.0	40.0	4.0	0.0	42.2	37.0
2843	20.0	50.0	4.0	0.0	42.1	36.7	2920	80.0	40.0	4.0	0.0	42.2	37.1
2844	30.0	50.0	4.0	0.0	42.1	36.8	2921	90.0	40.0	4.0	0.0	42.3	37.1
2845	40.0	50.0	4.0	0.0	42.2	36.8	2922	100.0	40.0	4.0	0.0	42.4	37.2
2846	50.0	50.0	4.0	0.0	42.3	36.9	2923	110.0	40.0	4.0	0.0	42.5	37.3
2847	60.0	50.0	4.0	0.0	42.3	37.0	2924	120.0	40.0	4.0	0.0	42.6	37.4
2848	70.0	50.0	4.0	0.0	42.4	37.1	2925	130.0	40.0	4.0	0.0	42.9	37.5
2849	80.0	50.0	4.0	0.0	42.3	37.1	2926	140.0	40.0	4.0	0.0	43.0	37.5
2850	90.0	50.0	4.0	0.0	42.4	37.2	2927	150.0	40.0	4.0	0.0	43.1	37.6
2851	100.0	50.0	4.0	0.0	42.5	37.3	2928	160.0	40.0	4.0	0.0	43.2	37.7
2852	110.0	50.0	4.0	0.0	42.6	37.4	2929	170.0	40.0	4.0	0.0	43.2	37.8
2853	120.0	50.0	4.0	0.0	42.7	37.5	2930	180.0	40.0	4.0	0.0	43.3	37.9
2854	130.0	50.0	4.0	0.0	42.8	37.6	2931	190.0	40.0	4.0	0.0	43.4	37.9
2855	140.0	50.0	4.0	0.0	43.2	37.7	2932	200.0	40.0	4.0	0.0	43.2	38.0
2856	150.0	50.0	4.0	0.0	43.2	37.8	2933	210.0	40.0	4.0	0.0	43.4	38.1
2857	160.0	50.0	4.0	0.0	43.3	37.8	2934	220.0	40.0	4.0	0.0	43.7	38.1
2858	170.0	50.0	4.0	0.0	43.4	37.9	2935	230.0	40.0	4.0	0.0	43.8	38.2
2859	180.0	50.0	4.0	0.0	43.5	38.0	2936	240.0	40.0	4.0	0.0	43.9	38.3
2860	190.0	50.0	4.0	0.0	43.7	38.1	2937	250.0	40.0	4.0	0.0	43.9	38.3
2861	200.0	50.0	4.0	0.0	43.7	38.2	2938	260.0	40.0	4.0	0.0	43.9	38.3
2862	210.0	50.0	4.0	0.0	43.5	38.3	2939	270.0	40.0	4.0	0.0	43.5	38.4
2863	220.0	50.0	4.0	0.0	44.0	38.3	2940	280.0	40.0	4.0	0.0	43.8	38.4
2864	230.0	50.0	4.0	0.0	44.1	38.4	2941	290.0	40.0	4.0	0.0	43.8	38.4
2865	240.0	50.0	4.0	0.0	44.1	38.5	2942	300.0	40.0	4.0	0.0	44.3	38.5
2866	250.0	50.0	4.0	0.0	44.1	38.5	2943	310.0	40.0	4.0	0.0	44.1	38.5
2867	260.0	50.0	4.0	0.0	44.2	38.5	2944	320.0	40.0	4.0	0.0	44.0	38.5
2868	270.0	50.0	4.0	0.0	43.7	38.6	2945	330.0	40.0	4.0	0.0	43.9	38.4
2869	280.0	50.0	4.0	0.0	44.0	38.6	2946	340.0	40.0	4.0	0.0	43.9	38.3
2870	290.0	50.0	4.0	0.0	44.0	38.6	2947	350.0	40.0	4.0	0.0	43.4	38.3
2871	300.0	50.0	4.0	0.0	44.6	38.7	2948	360.0	40.0	4.0	0.0	43.3	38.2
2872	310.0	50.0	4.0	0.0	44.3	38.8	2949	370.0	40.0	4.0	0.0	43.3	38.1
2873	320.0	50.0	4.0	0.0	44.4	38.8	2950	380.0	40.0	4.0	0.0	43.2	38.1
2874	330.0	50.0	4.0	0.0	44.1	38.6	2951	390.0	40.0	4.0	0.0	43.0	38.0
2875	340.0	50.0	4.0	0.0	44.1	38.6	2952	400.0	40.0	4.0	0.0	42.9	37.9
2876	350.0	50.0	4.0	0.0	43.6	38.6	2953	410.0	40.0	4.0	0.0	42.8	37.9
2877	360.0	50.0	4.0	0.0	43.5	38.4	2954	420.0	40.0	4.0	0.0	42.8	37.8
2878	370.0	50.0	4.0	0.0	43.5	38.3	2955	430.0	40.0	4.0	0.0	42.7	37.7
2879	380.0	50.0	4.0	0.0	43.3	38.3	2956	440.0	40.0	4.0	0.0	42.6	37.6

2957	450.0	40.0	4.0	0.0	42.5	37.6	3034	510.0	30.0	4.0	0.0	42.1	37.0
2958	460.0	40.0	4.0	0.0	42.4	37.5	3035	520.0	30.0	4.0	0.0	42.0	36.9
2959	470.0	40.0	4.0	0.0	42.5	37.4	3036	530.0	30.0	4.0	0.0	41.9	36.9
2960	480.0	40.0	4.0	0.0	42.4	37.3	3037	540.0	30.0	4.0	0.0	41.7	36.8
2961	490.0	40.0	4.0	0.0	42.4	37.2	3038	550.0	30.0	4.0	0.0	41.8	36.8
2962	500.0	40.0	4.0	0.0	42.2	37.2	3039	560.0	30.0	4.0	0.0	41.6	36.7
2963	510.0	40.0	4.0	0.0	42.1	37.1	3040	570.0	30.0	4.0	0.0	41.6	36.6
2964	520.0	40.0	4.0	0.0	42.0	37.0	3041	580.0	30.0	4.0	0.0	41.5	36.6
2965	530.0	40.0	4.0	0.0	41.8	37.0	3042	590.0	30.0	4.0	0.0	41.4	36.5
2966	540.0	40.0	4.0	0.0	41.9	36.9	3043	600.0	30.0	4.0	0.0	41.4	36.5
2967	550.0	40.0	4.0	0.0	41.7	36.8	3044	610.0	30.0	4.0	0.0	41.3	36.4
2968	560.0	40.0	4.0	0.0	41.7	36.8	3045	620.0	30.0	4.0	0.0	41.2	36.4
2969	570.0	40.0	4.0	0.0	41.6	36.7	3046	630.0	30.0	4.0	0.0	41.3	36.3
2970	580.0	40.0	4.0	0.0	41.5	36.6	3047	640.0	30.0	4.0	0.0	41.2	36.3
2971	590.0	40.0	4.0	0.0	41.5	36.6	3048	650.0	30.0	4.0	0.0	41.2	36.2
2972	600.0	40.0	4.0	0.0	41.3	36.5	3049	660.0	30.0	4.0	0.0	41.1	36.2
2973	610.0	40.0	4.0	0.0	41.4	36.5	3050	670.0	30.0	4.0	0.0	41.1	36.2
2974	620.0	40.0	4.0	0.0	41.4	36.4	3051	680.0	30.0	4.0	0.0	41.1	36.1
2975	630.0	40.0	4.0	0.0	41.3	36.4	3052	690.0	30.0	4.0	0.0	41.2	36.1
2976	640.0	40.0	4.0	0.0	41.3	36.3	3053	700.0	30.0	4.0	0.0	41.1	36.0
2977	650.0	40.0	4.0	0.0	41.2	36.3	3054	0.0	20.0	4.0	0.0	41.7	36.4
2978	660.0	40.0	4.0	0.0	41.2	36.2	3055	10.0	20.0	4.0	0.0	41.8	36.5
2979	670.0	40.0	4.0	0.0	41.1	36.2	3056	20.0	20.0	4.0	0.0	41.8	36.5
2980	680.0	40.0	4.0	0.0	41.1	36.1	3057	30.0	20.0	4.0	0.0	41.9	36.6
2981	690.0	40.0	4.0	0.0	41.2	36.1	3058	40.0	20.0	4.0	0.0	41.8	36.7
2982	700.0	40.0	4.0	0.0	41.2	36.1	3059	50.0	20.0	4.0	0.0	41.9	36.7
2983	0.0	30.0	4.0	0.0	41.8	36.5	3060	60.0	20.0	4.0	0.0	41.9	36.8
2984	10.0	30.0	4.0	0.0	41.8	36.5	3061	70.0	20.0	4.0	0.0	42.0	36.8
2985	20.0	30.0	4.0	0.0	41.9	36.6	3062	80.0	20.0	4.0	0.0	42.1	36.9
2986	30.0	30.0	4.0	0.0	41.9	36.7	3063	90.0	20.0	4.0	0.0	42.1	37.0
2987	40.0	30.0	4.0	0.0	42.0	36.7	3064	100.0	20.0	4.0	0.0	42.2	37.0
2988	50.0	30.0	4.0	0.0	41.9	36.8	3065	110.0	20.0	4.0	0.0	42.5	37.1
2989	60.0	30.0	4.0	0.0	42.0	36.8	3066	120.0	20.0	4.0	0.0	42.5	37.2
2990	70.0	30.0	4.0	0.0	42.1	36.9	3067	130.0	20.0	4.0	0.0	42.6	37.2
2991	80.0	30.0	4.0	0.0	42.1	37.0	3068	140.0	20.0	4.0	0.0	42.7	37.3
2992	90.0	30.0	4.0	0.0	42.2	37.0	3069	150.0	20.0	4.0	0.0	42.8	37.4
2993	100.0	30.0	4.0	0.0	42.3	37.1	3070	160.0	20.0	4.0	0.0	42.8	37.4
2994	110.0	30.0	4.0	0.0	42.4	37.2	3071	170.0	20.0	4.0	0.0	42.9	37.5
2995	120.0	30.0	4.0	0.0	42.7	37.3	3072	180.0	20.0	4.0	0.0	43.0	37.6
2996	130.0	30.0	4.0	0.0	42.7	37.3	3073	190.0	20.0	4.0	0.0	42.8	37.6
2997	140.0	30.0	4.0	0.0	42.8	37.4	3074	200.0	20.0	4.0	0.0	42.9	37.7
2998	150.0	30.0	4.0	0.0	42.9	37.5	3075	210.0	20.0	4.0	0.0	43.2	37.7
2999	160.0	30.0	4.0	0.0	43.0	37.6	3076	220.0	20.0	4.0	0.0	43.3	37.8
3000	170.0	30.0	4.0	0.0	43.0	37.6	3077	230.0	20.0	4.0	0.0	43.3	37.8
3001	180.0	30.0	4.0	0.0	43.2	37.7	3078	240.0	20.0	4.0	0.0	43.4	37.9
3002	190.0	30.0	4.0	0.0	43.2	37.8	3079	250.0	20.0	4.0	0.0	43.4	37.9
3003	200.0	30.0	4.0	0.0	43.0	37.8	3080	260.0	20.0	4.0	0.0	43.0	37.9
3004	210.0	30.0	4.0	0.0	43.4	37.9	3081	270.0	20.0	4.0	0.0	43.3	38.0
3005	220.0	30.0	4.0	0.0	43.5	38.0	3082	280.0	20.0	4.0	0.0	43.3	38.0
3006	230.0	30.0	4.0	0.0	43.6	38.0	3083	290.0	20.0	4.0	0.0	43.4	38.0
3007	240.0	30.0	4.0	0.0	43.6	38.1	3084	300.0	20.0	4.0	0.0	43.9	38.0
3008	250.0	30.0	4.0	0.0	43.6	38.1	3085	310.0	20.0	4.0	0.0	43.5	38.0
3009	260.0	30.0	4.0	0.0	43.6	38.1	3086	320.0	20.0	4.0	0.0	43.6	38.0
3010	270.0	30.0	4.0	0.0	43.2	38.2	3087	330.0	20.0	4.0	0.0	43.5	37.9
3011	280.0	30.0	4.0	0.0	43.5	38.2	3088	340.0	20.0	4.0	0.0	43.4	37.9
3012	290.0	30.0	4.0	0.0	43.6	38.2	3089	350.0	20.0	4.0	0.0	43.0	37.9
3013	300.0	30.0	4.0	0.0	44.1	38.2	3090	360.0	20.0	4.0	0.0	43.0	37.8
3014	310.0	30.0	4.0	0.0	43.8	38.3	3091	370.0	20.0	4.0	0.0	42.9	37.8
3015	320.0	30.0	4.0	0.0	43.8	38.2	3092	380.0	20.0	4.0	0.0	42.9	37.8
3016	330.0	30.0	4.0	0.0	43.7	38.1	3093	390.0	20.0	4.0	0.0	42.8	37.7
3017	340.0	30.0	4.0	0.0	43.6	38.1	3094	400.0	20.0	4.0	0.0	42.6	37.6
3018	350.0	30.0	4.0	0.0	43.2	38.1	3095	410.0	20.0	4.0	0.0	42.6	37.6
3019	360.0	30.0	4.0	0.0	43.1	38.0	3096	420.0	20.0	4.0	0.0	42.5	37.5
3020	370.0	30.0	4.0	0.0	43.2	38.0	3097	430.0	20.0	4.0	0.0	42.4	37.5
3021	380.0	30.0	4.0	0.0	43.0	37.9	3098	440.0	20.0	4.0	0.0	42.4	37.4
3022	390.0	30.0	4.0	0.0	42.9	37.9	3099	450.0	20.0	4.0	0.0	42.3	37.3
3023	400.0	30.0	4.0	0.0	42.8	37.8	3100	460.0	20.0	4.0	0.0	42.2	37.3
3024	410.0	30.0	4.0	0.0	42.7	37.7	3101	470.0	20.0	4.0	0.0	42.2	37.2
3025	420.0	30.0	4.0	0.0	42.6	37.7	3102	480.0	20.0	4.0	0.0	42.1	37.1
3026	430.0	30.0	4.0	0.0	42.5	37.6	3103	490.0	20.0	4.0	0.0	42.2	37.1
3027	440.0	30.0	4.0	0.0	42.5	37.5	3104	500.0	20.0	4.0	0.0	42.1	37.0
3028	450.0	30.0	4.0	0.0	42.4	37.4	3105	510.0	20.0	4.0	0.0	42.1	36.9
3029	460.0	30.0	4.0	0.0	42.3	37.4	3106	520.0	20.0	4.0	0.0	41.9	36.9
3030	470.0	30.0	4.0	0.0	42.2	37.3	3107	530.0	20.0	4.0	0.0	41.8	36.8
3031	480.0	30.0	4.0	0.0	42.3	37.2	3108	540.0	20.0	4.0	0.0	41.8	36.7
3032	490.0	30.0	4.0	0.0	42.3	37.1	3109	550.0	20.0	4.0	0.0	41.7	36.7
3033	500.0	30.0	4.0	0.0	42.2	37.1	3110	560.0	20.0	4.0	0.0	41.7	36.7

3111	570.0	20.0	4.0	0.0	41.5	36.6	3188	630.0	10.0	4.0	0.0	41.2	36.3
3112	580.0	20.0	4.0	0.0	41.5	36.5	3189	640.0	10.0	4.0	0.0	41.1	36.2
3113	590.0	20.0	4.0	0.0	41.4	36.5	3190	650.0	10.0	4.0	0.0	41.1	36.2
3114	600.0	20.0	4.0	0.0	41.3	36.4	3191	660.0	10.0	4.0	0.0	41.0	36.2
3115	610.0	20.0	4.0	0.0	41.3	36.4	3192	670.0	10.0	4.0	0.0	41.1	36.1
3116	620.0	20.0	4.0	0.0	41.2	36.3	3193	680.0	10.0	4.0	0.0	41.0	36.1
3117	630.0	20.0	4.0	0.0	41.2	36.3	3194	690.0	10.0	4.0	0.0	41.1	36.0
3118	640.0	20.0	4.0	0.0	41.0	36.3	3195	700.0	10.0	4.0	0.0	41.1	36.0
3119	650.0	20.0	4.0	0.0	41.2	36.2	3196	0.0	0.0	4.0	0.0	41.6	36.4
3120	660.0	20.0	4.0	0.0	41.1	36.2	3197	10.0	0.0	4.0	0.0	41.5	36.4
3121	670.0	20.0	4.0	0.0	41.1	36.1	3198	20.0	0.0	4.0	0.0	41.6	36.5
3122	680.0	20.0	4.0	0.0	41.0	36.1	3199	30.0	0.0	4.0	0.0	41.6	36.5
3123	690.0	20.0	4.0	0.0	41.1	36.1	3200	40.0	0.0	4.0	0.0	41.7	36.5
3124	700.0	20.0	4.0	0.0	41.1	36.0	3201	50.0	0.0	4.0	0.0	41.7	36.6
3125	0.0	10.0	4.0	0.0	41.6	36.4	3202	60.0	0.0	4.0	0.0	41.8	36.7
3126	10.0	10.0	4.0	0.0	41.7	36.4	3203	70.0	0.0	4.0	0.0	41.8	36.7
3127	20.0	10.0	4.0	0.0	41.8	36.5	3204	80.0	0.0	4.0	0.0	41.9	36.8
3128	30.0	10.0	4.0	0.0	41.7	36.5	3205	90.0	0.0	4.0	0.0	42.1	36.8
3129	40.0	10.0	4.0	0.0	41.8	36.6	3206	100.0	0.0	4.0	0.0	42.2	36.9
3130	50.0	10.0	4.0	0.0	41.8	36.7	3207	110.0	0.0	4.0	0.0	42.2	36.9
3131	60.0	10.0	4.0	0.0	41.8	36.7	3208	120.0	0.0	4.0	0.0	42.3	37.0
3132	70.0	10.0	4.0	0.0	41.9	36.8	3209	130.0	0.0	4.0	0.0	42.4	37.0
3133	80.0	10.0	4.0	0.0	42.0	36.8	3210	140.0	0.0	4.0	0.0	42.4	37.1
3134	90.0	10.0	4.0	0.0	42.0	36.9	3211	150.0	0.0	4.0	0.0	42.5	37.2
3135	100.0	10.0	4.0	0.0	42.3	36.9	3212	160.0	0.0	4.0	0.0	42.5	37.2
3136	110.0	10.0	4.0	0.0	42.3	37.0	3213	170.0	0.0	4.0	0.0	42.6	37.3
3137	120.0	10.0	4.0	0.0	42.4	37.1	3214	180.0	0.0	4.0	0.0	42.4	37.3
3138	130.0	10.0	4.0	0.0	42.5	37.1	3215	190.0	0.0	4.0	0.0	42.8	37.4
3139	140.0	10.0	4.0	0.0	42.6	37.2	3216	200.0	0.0	4.0	0.0	42.8	37.4
3140	150.0	10.0	4.0	0.0	42.6	37.3	3217	210.0	0.0	4.0	0.0	42.8	37.5
3141	160.0	10.0	4.0	0.0	42.6	37.3	3218	220.0	0.0	4.0	0.0	42.9	37.5
3142	170.0	10.0	4.0	0.0	42.7	37.4	3219	230.0	0.0	4.0	0.0	43.0	37.5
3143	180.0	10.0	4.0	0.0	42.8	37.4	3220	240.0	0.0	4.0	0.0	43.0	37.6
3144	190.0	10.0	4.0	0.0	42.6	37.5	3221	250.0	0.0	4.0	0.0	43.0	37.6
3145	200.0	10.0	4.0	0.0	43.0	37.5	3222	260.0	0.0	4.0	0.0	42.6	37.6
3146	210.0	10.0	4.0	0.0	43.0	37.6	3223	270.0	0.0	4.0	0.0	43.0	37.6
3147	220.0	10.0	4.0	0.0	43.0	37.6	3224	280.0	0.0	4.0	0.0	43.0	37.6
3148	230.0	10.0	4.0	0.0	43.2	37.7	3225	290.0	0.0	4.0	0.0	43.4	37.6
3149	240.0	10.0	4.0	0.0	43.2	37.7	3226	300.0	0.0	4.0	0.0	43.1	37.6
3150	250.0	10.0	4.0	0.0	43.2	37.7	3227	310.0	0.0	4.0	0.0	43.1	37.6
3151	260.0	10.0	4.0	0.0	42.8	37.8	3228	320.0	0.0	4.0	0.0	43.2	37.6
3152	270.0	10.0	4.0	0.0	43.1	37.8	3229	330.0	0.0	4.0	0.0	43.1	37.6
3153	280.0	10.0	4.0	0.0	43.1	37.8	3230	340.0	0.0	4.0	0.0	43.0	37.6
3154	290.0	10.0	4.0	0.0	43.6	37.8	3231	350.0	0.0	4.0	0.0	43.0	37.6
3155	300.0	10.0	4.0	0.0	43.6	37.8	3232	360.0	0.0	4.0	0.0	42.6	37.5
3156	310.0	10.0	4.0	0.0	43.3	37.8	3233	370.0	0.0	4.0	0.0	42.6	37.5
3157	320.0	10.0	4.0	0.0	43.4	37.8	3234	380.0	0.0	4.0	0.0	42.6	37.5
3158	330.0	10.0	4.0	0.0	43.3	37.8	3235	390.0	0.0	4.0	0.0	42.5	37.4
3159	340.0	10.0	4.0	0.0	43.2	37.8	3236	400.0	0.0	4.0	0.0	42.4	37.4
3160	350.0	10.0	4.0	0.0	42.8	37.7	3237	410.0	0.0	4.0	0.0	42.3	37.3
3161	360.0	10.0	4.0	0.0	42.8	37.7	3238	420.0	0.0	4.0	0.0	42.2	37.3
3162	370.0	10.0	4.0	0.0	42.8	37.6	3239	430.0	0.0	4.0	0.0	42.2	37.2
3163	380.0	10.0	4.0	0.0	42.7	37.6	3240	440.0	0.0	4.0	0.0	42.1	37.2
3164	390.0	10.0	4.0	0.0	42.6	37.6	3241	450.0	0.0	4.0	0.0	42.1	37.1
3165	400.0	10.0	4.0	0.0	42.5	37.5	3242	460.0	0.0	4.0	0.0	42.0	37.1
3166	410.0	10.0	4.0	0.0	42.4	37.4	3243	470.0	0.0	4.0	0.0	42.0	37.0
3167	420.0	10.0	4.0	0.0	42.4	37.4	3244	480.0	0.0	4.0	0.0	41.9	36.9
3168	430.0	10.0	4.0	0.0	42.3	37.3	3245	490.0	0.0	4.0	0.0	41.9	36.9
3169	440.0	10.0	4.0	0.0	42.2	37.3	3246	500.0	0.0	4.0	0.0	41.8	36.8
3170	450.0	10.0	4.0	0.0	42.2	37.2	3247	510.0	0.0	4.0	0.0	41.9	36.8
3171	460.0	10.0	4.0	0.0	42.1	37.2	3248	520.0	0.0	4.0	0.0	41.9	36.7
3172	470.0	10.0	4.0	0.0	42.1	37.1	3249	530.0	0.0	4.0	0.0	41.8	36.7
3173	480.0	10.0	4.0	0.0	42.0	37.0	3250	540.0	0.0	4.0	0.0	41.7	36.6
3174	490.0	10.0	4.0	0.0	41.9	37.0	3251	550.0	0.0	4.0	0.0	41.6	36.6
3175	500.0	10.0	4.0	0.0	42.0	36.9	3252	560.0	0.0	4.0	0.0	41.5	36.5
3176	510.0	10.0	4.0	0.0	42.0	36.8	3253	570.0	0.0	4.0	0.0	41.5	36.5
3177	520.0	10.0	4.0	0.0	41.9	36.8	3254	580.0	0.0	4.0	0.0	41.5	36.5
3178	530.0	10.0	4.0	0.0	41.8	36.7	3255	590.0	0.0	4.0	0.0	41.4	36.4
3179	540.0	10.0	4.0	0.0	41.7	36.7	3256	600.0	0.0	4.0	0.0	41.3	36.4
3180	550.0	10.0	4.0	0.0	41.6	36.6	3257	610.0	0.0	4.0	0.0	41.2	36.3
3181	560.0	10.0	4.0	0.0	41.6	36.6	3258	620.0	0.0	4.0	0.0	41.2	36.3
3182	570.0	10.0	4.0	0.0	41.4	36.5	3259	630.0	0.0	4.0	0.0	41.2	36.2
3183	580.0	10.0	4.0	0.0	41.4	36.5	3260	640.0	0.0	4.0	0.0	41.1	36.2
3184	590.0	10.0	4.0	0.0	41.4	36.4	3261	650.0	0.0	4.0	0.0	41.1	36.1
3185	600.0	10.0	4.0	0.0	41.3	36.4	3262	660.0	0.0	4.0	0.0	41.0	36.1
3186	610.0	10.0	4.0	0.0	41.3	36.3	3263	670.0	0.0	4.0	0.0	41.0	36.1
3187	620.0	10.0	4.0	0.0	41.2	36.3	3264	680.0	0.0	4.0	0.0	41.0	36.1

3265	690.0	0.0	4.0	0.0	41.1	36.0
3266	700.0	0.0	4.0	0.0	41.1	36.0

LAeq , dzień: wartość największa poza terenem zakładu występuje w punkcie (430,290,4.0) i wynosi 55.3 dB(A)
LAeq , noc: wartość największa poza terenem zakładu występuje w punkcie (270,330,4.0) i wynosi 46.3 dB(A)

RÓWNOWAŻNY POZIOM DŹWIĘKU W PUNKTACH DODATKOWYCH (NA TERENACH CHRONIONYCH AKUSTYCZNIE)

Nr pkt	Współrz. punktów			Wysokość terenu	Poziom dźwięku	
	x	y	z		p.dnia	p.nocy
	m	m	m	m	dB(A)	dB(A)
1	375.1	188.3	4.0	0.0	47.4	41.8

Tłumienie przez grunt wg wzoru 9 PN-ISO 9613.

Koniec obliczeń