

pora dnia i nocy - skumulowane

Z.U.O. "EKO - SOFT"  
Łódź ul. Rogozińskiego 17/7  
tel. 042 648 71 85

HAŁAS PRZEMYSŁOWY i DROGOWY  
PROGRAM SON2 WERSJA 5.42

Licencja nr FK/60595/Sp/17 z dnia 29.06.2017

DANE WEJŚCIOWE

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Rodzaj obliczeń: Poziom hałasu równoważnego

1. Nazwa projektu:
2. Temperatura powietrza [st C.] = 10
3. Wilgotność względna powietrza [%] = 70
4. Tłó akustyczne dB(A) przeważające:  
Pora dnia : 0.0  
Pora nocy : 0.0
5. Obszar nr 1 tła akustycznego [dB(A)] - pora dnia : 38.8, pora nocy : 39.0

Współrzędne wierzchołków wielokąta obszaru "tło 1"

Lp	Współrzędne wierzchołków	
	x	y
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	m	m
1	43.4	-289.5
2	43.4	-279.0
3	31.7	-278.4
4	30.6	-290.1

6. Obszar nr 2 tła akustycznego [dB(A)] - pora dnia : 37.9, pora nocy : 38.0

Współrzędne wierzchołków wielokąta obszaru "tło 2"

Lp	Współrzędne wierzchołków	
	x	y
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	m	m
1	1963.9	-1484.5
2	1963.4	-1471.1
3	1950.6	-1470.6
4	1948.9	-1483.9

7. Rodzaj gruntu : grunt porowaty, wskaźnik gruntu G = 0.7

8. Punktowe źródła hałasu

Lp	Symbol	Współrzędne źródła			ht	Rodzaj źródła	LAW	tD	tN	Do
		x	y	z						
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		m	m	m	m					
1	WH 1	727.2	-655.4	15.4	0.0	wszechkier.	80.0	8.000	1.000	
2	WH 2	730.0	-634.2	15.4	0.0	wszechkier.	80.0	8.000	1.000	
3	WH 3	733.9	-613.1	15.4	0.0	wszechkier.	80.0	8.000	1.000	
4	WH 4	736.7	-591.3	15.4	0.0	wszechkier.	80.0	8.000	1.000	
5	WH 5	741.7	-568.5	15.4	0.0	wszechkier.	80.0	8.000	1.000	
6	WH 6	745.0	-546.8	15.4	0.0	wszechkier.	80.0	8.000	1.000	
7	WH 7	746.7	-525.1	15.4	0.0	wszechkier.	80.0	8.000	1.000	
8	WH 8	751.2	-503.9	15.4	0.0	wszechkier.	80.0	8.000	1.000	
9	WH 9	754.5	-482.2	15.4	0.0	wszechkier.	80.0	8.000	1.000	

10	WH 10	758.4	-461.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
11	WH 11	760.6	-439.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
12	WH 12	765.1	-417.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
13	WH 13	767.9	-397.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
14	WH 14	771.2	-373.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
15	WH 15	750.0	-659.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
16	WH 16	752.8	-637.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
17	WH 17	757.3	-614.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
18	WH 18	760.6	-591.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
19	WH 19	763.4	-573.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
20	WH 20	766.2	-550.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
21	WH 21	770.1	-530.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
22	WH 22	773.4	-508.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
23	WH 23	777.3	-486.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
24	WH 24	780.7	-466.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
25	WH 25	784.6	-442.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
26	WH 26	787.9	-421.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
27	WH 27	792.4	-400.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
28	WH 28	794.0	-377.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
29	WH 29	902.6	-704.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
30	WH 30	904.8	-682.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
31	WH 31	908.2	-661.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
32	WH 32	910.4	-638.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
33	WH 33	913.7	-617.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
34	WH 34	918.8	-598.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
35	WH 35	921.5	-574.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
36	WH 36	924.3	-555.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
37	WH 37	928.2	-532.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
38	WH 38	932.1	-511.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
39	WH 39	936.0	-487.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
40	WH 40	939.9	-467.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
41	WH 41	941.0	-444.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
42	WH 42	923.8	-708.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
43	WH 43	927.7	-687.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
44	WH 44	931.0	-664.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
45	WH 45	933.8	-644.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
46	WH 46	936.6	-621.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
47	WH 47	941.6	-600.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
48	WH 48	944.4	-578.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
49	WH 49	947.2	-558.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
50	WH 50	952.2	-535.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
51	WH 51	956.1	-513.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
52	WH 52	957.7	-494.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
53	WH 53	962.2	-471.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
54	WH 54	965.5	-450.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
55	WH 55	1072.4	-694.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
56	WH 56	1078.0	-663.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
57	WH 57	1083.0	-633.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
58	WH 58	1086.9	-603.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
59	WH 59	1093.0	-573.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
60	WH 60	1096.9	-539.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
61	WH 61	1100.8	-512.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
62	WH 62	1107.5	-478.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
63	WH 63	1084.1	-696.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
64	WH 64	1088.0	-665.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
65	WH 65	1093.6	-635.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
66	WH 66	1099.7	-602.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
67	WH 67	1103.6	-574.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
68	WH 68	1108.6	-543.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
69	WH 69	1113.6	-511.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
70	WH 70	1118.7	-480.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
71	CW 1	683.2	-691.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
72	CW 2	684.3	-687.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
73	CW 3	683.8	-684.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
74	CW 4	699.4	-596.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
75	CW 5	699.4	-591.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
76	CW 6	699.9	-588.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
77	CW 7	700.5	-582.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
78	CW 8	701.6	-578.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
79	CW 9	701.6	-575.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
80	CW 10	718.9	-464.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
81	CW 11	719.4	-461.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
82	CW 12	721.1	-457.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
83	CW 13	721.6	-451.6	15.4	0.0	wszechkier.	80.0	8.000	1.000

84	CW 14	722.8	-448.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
85	CW 15	722.8	-444.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
86	CW 16	734.4	-365.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
87	CW 17	735.6	-361.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
88	CW 18	736.1	-357.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
89	CW 19	779.0	-705.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
90	CW 20	780.1	-701.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
91	CW 21	780.1	-698.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
92	CW 22	794.6	-610.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
93	CW 23	795.7	-606.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
94	CW 24	795.7	-601.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
95	CW 25	796.8	-596.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
96	CW 26	797.4	-593.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
97	CW 27	797.9	-589.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
98	CW 28	816.3	-481.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
99	CW 29	816.3	-476.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
100	CW 30	816.9	-471.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
101	CW 31	817.4	-468.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
102	CW 32	818.5	-463.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
103	CW 33	818.5	-458.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
104	CW 34	830.2	-381.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
105	CW 35	834.1	-382.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
106	CW 36	837.5	-382.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
107	CW 37	861.4	-718.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
108	CW 38	861.4	-716.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
109	CW 39	861.4	-711.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
110	CW 40	883.7	-578.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
111	CW 41	883.7	-574.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
112	CW 42	883.7	-573.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
113	CW 43	885.3	-568.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
114	CW 44	885.9	-563.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
115	CW 45	885.9	-559.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
116	CW 46	905.4	-437.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
117	CW 47	906.5	-433.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
118	CW 48	907.6	-428.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
119	CW 49	957.7	-733.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
120	CW 50	958.3	-729.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
121	CW 51	959.4	-726.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
122	CW 52	978.9	-595.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
123	CW 53	979.5	-590.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
124	CW 54	981.1	-586.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
125	CW 55	980.6	-582.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
126	CW 56	982.8	-577.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
127	CW 57	982.8	-573.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
128	CW 58	1002.3	-453.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
129	CW 59	1002.8	-448.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
130	CW 60	1003.4	-444.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
131	CW 61	1042.4	-722.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
132	CW 62	1042.9	-718.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
133	CW 63	1043.5	-716.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
134	CW 64	1062.4	-594.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
135	CW 65	1063.0	-589.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
136	CW 66	1064.1	-585.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
137	CW 67	1064.1	-582.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
138	CW 68	1065.8	-578.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
139	CW 69	1065.8	-574.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
140	CW 70	1083.0	-473.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
141	CW 71	1083.0	-468.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
142	CW 72	1083.6	-464.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
143	UCH 1	679.9	-689.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
144	UCH 2	681.0	-686.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
145	UCH 3	681.0	-682.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
146	UCH 4	694.9	-595.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
147	UCH 5	696.0	-591.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
148	UCH 6	696.6	-586.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
149	UCH 7	697.1	-581.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
150	UCH 8	697.1	-577.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
151	UCH 9	697.7	-574.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
152	UCH 10	715.5	-464.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
153	UCH 11	716.6	-459.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
154	UCH 12	716.1	-456.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
155	UCH 13	718.3	-451.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
156	UCH 14	718.3	-447.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
157	UCH 15	719.4	-442.7	15.4	0.0	wszechkier.	75.0	8.000	1.000

158	UCH 16	730.6	-363.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
159	UCH 17	732.2	-360.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
160	UCH 18	732.2	-356.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
161	UCH 19	784.0	-706.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
162	UCH 20	784.6	-702.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
163	UCH 21	784.0	-698.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
164	UCH 22	799.0	-610.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
165	UCH 23	799.6	-605.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
166	UCH 24	800.2	-603.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
167	UCH 25	801.3	-596.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
168	UCH 26	802.4	-593.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
169	UCH 27	802.4	-589.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
170	UCH 28	820.2	-481.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
171	UCH 29	820.8	-476.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
172	UCH 30	820.8	-471.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
173	UCH 31	821.9	-467.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
174	UCH 32	822.4	-463.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
175	UCH 33	823.0	-459.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
176	UCH 34	831.3	-377.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
177	UCH 35	834.1	-377.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
178	UCH 36	837.5	-378.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
179	UCH 37	856.4	-718.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
180	UCH 38	857.5	-715.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
181	UCH 39	858.6	-712.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
182	UCH 40	878.1	-579.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
183	UCH 41	879.2	-573.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
184	UCH 42	880.9	-570.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
185	UCH 43	880.9	-566.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
186	UCH 44	880.9	-562.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
187	UCH 45	882.0	-559.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
188	UCH 46	902.1	-434.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
189	UCH 47	902.6	-431.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
190	UCH 48	903.2	-427.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
191	UCH 49	961.6	-733.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
192	UCH 50	962.7	-730.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
193	UCH 51	963.3	-726.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
194	UCH 52	983.9	-594.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
195	UCH 53	983.9	-590.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
196	UCH 54	985.0	-586.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
197	UCH 55	985.6	-580.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
198	UCH 56	985.6	-577.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
199	UCH 57	987.2	-574.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
200	UCH 58	1006.2	-452.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
201	UCH 59	1006.7	-448.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
202	UCH 60	1007.9	-444.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
203	UCH 61	1037.9	-721.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
204	UCH 62	1038.5	-717.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
205	UCH 63	1039.0	-714.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
206	UCH 64	1059.1	-591.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
207	UCH 65	1059.1	-588.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
208	UCH 66	1059.6	-583.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
209	UCH 67	1060.7	-579.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
210	UCH 68	1061.9	-575.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
211	UCH 69	1062.4	-571.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
212	UCH 70	1078.6	-472.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
213	UCH 71	1079.1	-467.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
214	UCH 72	1080.2	-463.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
215	WSB 1	677.1	-685.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
216	WSB 2	677.8	-681.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
217	WSB 3	678.2	-678.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
218	WSB 4	679.7	-673.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
219	WSB 5	689.7	-603.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
220	WSB 6	690.8	-599.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
221	WSB 7	690.8	-595.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
222	WSB 8	692.3	-589.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
223	WSB 9	694.5	-576.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
224	WSB 10	695.3	-572.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
225	WSB 11	695.7	-569.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
226	WSB 12	696.8	-565.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
227	WSB 13	711.6	-472.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
228	WSB 14	711.6	-468.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
229	WSB 15	712.0	-465.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
230	WSB 16	712.7	-460.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
231	WSB 17	714.2	-447.3	15.4	0.0	wszechkier.	75.0	8.000	1.000

232	WSB 18	715.3	-443.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
233	WSB 19	716.1	-439.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
234	WSB 20	716.1	-435.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
235	WSB 21	728.0	-360.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
236	WSB 22	728.3	-356.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
237	WSB 23	728.7	-352.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
238	WSB 24	730.6	-347.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
239	WSB 25	787.7	-703.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
240	WSB 26	788.5	-700.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
241	WSB 27	787.7	-696.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
242	WSB 28	788.8	-691.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
243	WSB 29	801.5	-621.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
244	WSB 30	801.8	-615.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
245	WSB 31	802.9	-612.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
246	WSB 32	802.9	-608.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
247	WSB 33	805.9	-593.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
248	WSB 34	806.3	-590.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
249	WSB 35	807.4	-586.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
250	WSB 36	807.8	-582.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
251	WSB 37	821.5	-490.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
252	WSB 38	821.5	-486.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
253	WSB 39	822.2	-482.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
254	WSB 40	824.1	-476.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
255	WSB 41	826.0	-464.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
256	WSB 42	826.7	-460.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
257	WSB 43	827.1	-455.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
258	WSB 44	827.4	-452.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
259	WSB 45	823.7	-374.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
260	WSB 46	828.2	-373.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
261	WSB 47	832.3	-374.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
262	WSB 48	834.9	-374.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
263	WSB 49	854.5	-714.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
264	WSB 50	854.5	-710.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
265	WSB 51	855.7	-706.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
266	WSB 52	855.7	-702.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
267	WSB 53	875.0	-587.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
268	WSB 54	875.0	-582.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
269	WSB 55	875.3	-578.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
270	WSB 56	876.4	-574.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
271	WSB 57	877.6	-561.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
272	WSB 58	878.3	-558.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
273	WSB 59	879.8	-553.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
274	WSB 60	880.9	-549.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
275	WSB 61	899.8	-432.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
276	WSB 62	900.9	-428.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
277	WSB 63	901.7	-424.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
278	WSB 64	902.8	-419.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
279	WSB 65	964.8	-732.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
280	WSB 66	965.5	-727.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
281	WSB 67	965.5	-724.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
282	WSB 68	966.3	-721.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
283	WSB 69	984.1	-604.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
284	WSB 70	985.2	-601.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
285	WSB 71	987.1	-596.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
286	WSB 72	987.4	-592.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
287	WSB 73	989.7	-579.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
288	WSB 74	989.3	-574.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
289	WSB 75	990.0	-571.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
290	WSB 76	990.4	-567.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
291	WSB 77	1009.3	-449.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
292	WSB 78	1010.8	-445.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
293	WSB 79	1011.2	-441.7	15.4	0.0	wszechkier.	75.0	8.000	1.000
294	WSB 80	1012.3	-438.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
295	WSB 81	1035.7	-717.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
296	WSB 82	1036.4	-714.2	15.4	0.0	wszechkier.	75.0	8.000	1.000
297	WSB 83	1037.2	-709.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
298	WSB 84	1037.2	-706.1	15.4	0.0	wszechkier.	75.0	8.000	1.000
299	WSB 85	1054.3	-601.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
300	WSB 86	1054.3	-597.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
301	WSB 87	1055.7	-593.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
302	WSB 88	1056.1	-589.5	15.4	0.0	wszechkier.	75.0	8.000	1.000
303	WSB 89	1058.0	-576.9	15.4	0.0	wszechkier.	75.0	8.000	1.000
304	WSB 90	1058.3	-572.8	15.4	0.0	wszechkier.	75.0	8.000	1.000
305	WSB 91	1058.7	-568.3	15.4	0.0	wszechkier.	75.0	8.000	1.000

306	WSB 92	1059.4	-565.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
307	WSB 93	1076.2	-467.4	15.4	0.0	wszechkier.	75.0	8.000	1.000
308	WSB 94	1077.6	-463.3	15.4	0.0	wszechkier.	75.0	8.000	1.000
309	WSB 95	1077.6	-461.0	15.4	0.0	wszechkier.	75.0	8.000	1.000
310	WSB 96	1077.6	-456.6	15.4	0.0	wszechkier.	75.0	8.000	1.000
311	WEX 1	689.7	-684.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
312	WEX 2	690.1	-680.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
313	WEX 3	691.2	-676.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
314	WEX 4	703.1	-605.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
315	WEX 5	703.1	-601.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
316	WEX 6	703.1	-596.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
317	WEX 7	707.5	-575.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
318	WEX 8	707.9	-569.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
319	WEX 9	707.9	-565.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
320	WEX 10	722.0	-475.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
321	WEX 11	723.5	-471.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
322	WEX 12	724.6	-466.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
323	WEX 13	728.0	-443.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
324	WEX 14	728.7	-439.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
325	WEX 15	729.4	-435.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
326	WEX 16	740.9	-359.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
327	WEX 17	740.6	-353.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
328	WEX 18	742.8	-349.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
329	WEX 19	777.7	-696.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
330	WEX 20	778.1	-693.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
331	WEX 21	778.4	-688.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
332	WEX 22	790.3	-617.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
333	WEX 23	790.3	-614.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
334	WEX 24	790.7	-610.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
335	WEX 25	794.8	-588.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
336	WEX 26	795.5	-583.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
337	WEX 27	795.9	-579.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
338	WEX 28	809.6	-489.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
339	WEX 29	810.4	-484.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
340	WEX 30	811.1	-479.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
341	WEX 31	814.8	-457.3	15.4	0.0	wszechkier.	80.0	8.000	1.000
342	WEX 32	816.3	-452.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
343	WEX 33	816.3	-449.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
344	WEX 34	818.9	-383.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
345	WEX 35	823.0	-384.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
346	WEX 36	826.7	-384.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
347	WEX 37	867.9	-711.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
348	WEX 38	867.5	-707.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
349	WEX 39	868.3	-703.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
350	WEX 40	886.8	-589.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
351	WEX 41	887.2	-585.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
352	WEX 42	887.9	-581.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
353	WEX 43	891.7	-559.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
354	WEX 44	893.9	-553.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
355	WEX 45	894.3	-550.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
356	WEX 46	911.3	-428.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
357	WEX 47	912.1	-424.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
358	WEX 48	913.2	-420.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
359	WEX 49	953.7	-725.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
360	WEX 50	954.4	-722.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
361	WEX 51	955.1	-716.8	15.4	0.0	wszechkier.	80.0	8.000	1.000
362	WEX 52	972.2	-602.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
363	WEX 53	974.1	-598.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
364	WEX 54	974.1	-593.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
365	WEX 55	978.9	-574.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
366	WEX 56	980.8	-569.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
367	WEX 57	980.8	-563.1	15.4	0.0	wszechkier.	80.0	8.000	1.000
368	WEX 58	998.6	-442.9	15.4	0.0	wszechkier.	80.0	8.000	1.000
369	WEX 59	999.7	-437.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
370	WEX 60	1000.8	-434.0	15.4	0.0	wszechkier.	80.0	8.000	1.000
371	WEX 61	1049.1	-714.2	15.4	0.0	wszechkier.	80.0	8.000	1.000
372	WEX 62	1049.4	-709.4	15.4	0.0	wszechkier.	80.0	8.000	1.000
373	WEX 63	1049.8	-704.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
374	WEX 64	1066.9	-604.7	15.4	0.0	wszechkier.	80.0	8.000	1.000
375	WEX 65	1066.9	-599.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
376	WEX 66	1068.0	-596.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
377	WEX 67	1071.0	-573.5	15.4	0.0	wszechkier.	80.0	8.000	1.000
378	WEX 68	1071.0	-567.6	15.4	0.0	wszechkier.	80.0	8.000	1.000
379	WEX 69	1072.4	-562.8	15.4	0.0	wszechkier.	80.0	8.000	1.000



dB(A)	dB		m	m	m	m	m	m	m	m	dB(A)
1	T1	626.7	-750.3	0.5	0.0	720.8	-742.8	0.5	0.0	89.5	
91.5											
2	T2	720.8	-742.8	0.5	0.0	728.6	-708.6	0.5	0.0	85.2	
87.2											
3	T3	728.6	-708.6	0.5	0.0	647.0	-692.4	0.5	0.0	81.6	
83.8											
4	T4	647.0	-692.4	0.5	0.0	674.3	-509.2	0.5	0.0	85.5	
87.4											
5	T5	674.3	-509.2	0.5	0.0	702.4	-335.5	0.5	0.0	82.8	
84.4											
6	T6	702.4	-335.5	0.5	0.0	821.3	-351.4	0.5	0.0	65.2	
71.2											
7	T7	821.3	-351.4	0.5	0.0	867.8	-359.2	0.5	0.0	63.7	
68.0											
8	T8	728.9	-708.8	0.5	0.0	819.9	-721.6	0.5	0.0	88.5	
90.5											
9	T9	819.9	-721.6	0.5	0.0	848.9	-535.1	0.5	0.0	89.4	
90.6											
10	T10	848.9	-535.1	0.5	0.0	870.9	-404.3	0.5	0.0	86.0	
86.7											
11	T11	870.9	-404.3	0.5	0.0	980.6	-420.1	0.5	0.0	81.4	
81.3											
12	T12	819.9	-721.4	0.5	0.0	999.2	-743.4	0.5	0.0	88.0	
90.6											
13	T13	999.2	-743.4	0.5	0.0	1024.8	-570.5	0.5	0.0	87.9	
89.3											
14	T14	1024.8	-570.5	0.5	0.0	1046.8	-431.5	0.5	0.0	84.5	
85.6											
15	T15	999.5	-743.4	0.5	0.0	1275.4	-736.1	0.5	0.0	80.2	
86.2											
16	T16	1275.4	-736.1	0.5	0.0	1279.9	-574.4	0.5	0.0	78.4	
84.0											
17	T17	1279.9	-574.4	0.5	0.0	1283.5	-451.3	0.5	0.0	74.9	
80.0											

z - wysokość źródła nad gruntem ; ht - wysokość gruntu względem płaszczyzny odniesienia  
LAW - poziom mocy akustycznej źródła nominalny  
tD - czas pracy źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia  
tN - czas pracy źródła w przedziale 1 najmniej korzystnej godziny nocy

LAW 8hD - równowazny poziom mocy akustycznej źródła w przedziale 8 kolejnych najmniej korzystnych godzin dnia

LAW 1hN - równowazny poziom mocy akustycznej źródła w przedziale 1 najmniej korzystnej godziny nocy

#### 10. 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	m			
1	POMPOWNI 1	1148.5	-734.6	1148.9	-728.0	1141.9	-728.0	1141.1	-733.9	0.0	4.0	0.0

#### 10.1 Opis ścian budynków

Lp	Budynek	Wielkość	Jedn.	Ściana AB	Ściana BC	Ściana CD	Ściana DA
1	POMPOWNI 1	Wsp. odbicia	-	1.0	1.0	1.0	1.0
1.0		LAWew dzień	dB(A)	98.0	98.0	98.0	98.0
98.0		Izolacyjność	dB(A)	20.0	20.0	20.0	20.0
20.0							



ho,h1 - odpowiednio wysokość podstawy i wysokość źródła nad gruntem  
ht - wysokość gruntu względem płaszczyzny odniesienia  
LA<sub>w</sub>ew dzień - poziom dźwięku A wewnątrz budynku w przedziale 8 kolejnych najmniej korzystnych godzin dnia

### 11. Ekrany - budynki

Lp	Symbol	Wia	Współrzędne x,y wierzchołków ekranu[m]								ho   h1   ht		
Współczynniki		ta	x1	y1	x2	y2	x3	y3	x4	y4	m   m   m		
odbicia scian		(W)											
nr 1 - 4													
1	HALA 1.	1	754.3	-704.2	809.6	-357.1	728.0	-343.4	672.6	-691.2	0.0	14.4	0.0
0.0	1.0	0.8	1.0										
2	HALA 1.	2	789.6	-710.1	842.7	-373.1	808.5	-367.1	754.3	-703.8	0.0	14.4	0.0
0.8	0.8	0.0	1.0										
3	HALA 2.	1	967.0	-738.0	1014.9	-433.6	898.7	-415.4	850.1	-720.2	0.0	14.4	0.0
0.8	1.0	0.8	1.0										
4	HALA 3.	1	1056.1	-726.5	1098.4	-454.0	1075.4	-450.7	1031.6	-723.1	0.0	14.4	0.0
0.0	1.0	0.8	1.0										
5	HALA 3.	2	1102.1	-734.3	1148.5	-440.3	1101.0	-432.8	1056.1	-726.5	0.0	14.4	0.0
1.0	1.0	0.0	1.0										
6	BUDYNEK	1	575.2	-263.9	576.3	-143.7	550.7	-141.4	546.8	-263.4	0.0	6.0	0.0
0.8	0.8	0.8	0.8										
7	BUDYNEK	2	573.0	-397.0	574.6	-280.1	548.5	-276.7	546.2	-401.5	0.0	6.0	0.0
0.8	0.8	0.8	0.8										
8	BUDYNEK	3.	958.6	-1425.0	909.2	-1216.9	721.2	-1264.9	769.9	-1469.6	0.0	20.0	0.0
0.8	0.8	0.8	0.8										
9	BUDYNEK	3.	1082.5	-1173.0	1056.1	-1025.4	689.2	-1110.4	721.2	-1264.9	0.0	20.0	0.0
0.8	0.8	0.8	0.8										
10	BUDYNEK	3.	1251.7	-1120.1	1238.5	-1063.0	1069.3	-1097.8	1078.3	-1153.5	0.0	20.0	0.0
0.8	0.8	0.8	0.8										
11	BUDYNEK	CTP	561.1	-1486.3	555.5	-1393.7	166.4	-1406.2	167.8	-1497.4	0.0	13.5	0.0
0.8	0.8	0.8	0.8										
12	BUDYNEK	5	1388.8	-879.2	1356.8	-767.9	666.9	-865.3	710.1	-1047.0	0.0	14.4	0.0
0.8	0.8	0.8	0.8										
13	BUDYNEK	6	536.7	-1275.4	511.0	-1177.9	90.5	-1278.1	106.5	-1349.2	0.0	14.4	0.0
0.8	0.8	0.8	0.8										
14	BUDYNEK	7	724.7	-1516.9	694.8	-1425.0	621.0	-1412.5	623.8	-1517.6	0.0	14.4	0.0
0.8	0.8	0.8	0.8										

### 12. Obszary zieleni

Lp	Nazwa	Wyso- kość[m]	ht	Współrzędne wierzchołków wieloboków zieleni[m]							
				x	y	x	y	x	y	x	y
1	LAS 1	20.0	0.0	683.8	-333.5	650.9	-327.4	680.4	-188.2	785.1	-196.0
				815.7	-11.1	1276.2	-90.8	1262.3	-414.8	1204.4	-697.7
				1133.1	-694.4	1181.0	-414.8	1115.3	-400.9	1066.3	-410.9
				1010.1	-397.0	1011.2	-377.5	989.5	-357.5	913.7	-341.9
				892.6	-343.6	688.8	-309.6				
2	LAS 2	20.0	0.0	1387.6	-176.5	1353.1	-467.7	1308.5	-718.3	1393.7	-728.3
				1393.2	-694.4	1344.7	-678.2	1347.0	-627.0	1393.2	-631.4
				1609.8	-781.2	1693.3	-782.9	1696.1	-740.6	1899.9	-738.9
				1894.3	-374.2						
3	LAS 3	20.0	0.0	1401.0	-738.3	1434.4	-1058.5	1435.5	-1095.8	1180.5	-1174.9
				1216.1	-1234.5	1261.2	-1226.7	1276.8	-1274.0	1181.0	-1305.2
				1128.1	-1195.5	1047.9	-1222.2	21072.4	-1288.5	1122.0	-1411.5
				1079.7	-1425.5	990.0	-1238.9	956.1	-1249.0	1058.5	-1487.3
				1073.6	-1516.8	1568.6	-1518.5	1632.0	-1442.7	1517.9	-1401.0
				1527.9	-1333.0	1567.5	-1125.3	1681.6	-1145.4	1647.6	-1009.5
				1584.7	-994.5	1563.6	-779.0				

Koniec danych

LA<sub>eq</sub> , pory dnia i nocy

Nr punktu	Współrzędne punktów			Wysokość terenu	Poziom dźwięku w porze	
	x	y	z		dnia	nocy
	m	m	m	m	dB(A)	dB(A)
1	0.0	0.0	4.0	0.0	35.5	35.0
2	20.0	0.0	4.0	0.0	35.9	35.3
3	40.0	0.0	4.0	0.0	36.0	35.5
4	60.0	0.0	4.0	0.0	36.2	35.7
5	80.0	0.0	4.0	0.0	36.3	35.7
6	100.0	0.0	4.0	0.0	36.5	35.9
7	120.0	0.0	4.0	0.0	36.7	36.0
8	140.0	0.0	4.0	0.0	36.7	36.1
9	160.0	0.0	4.0	0.0	36.9	36.2
10	180.0	0.0	4.0	0.0	37.4	36.6
11	200.0	0.0	4.0	0.0	37.4	36.6
12	220.0	0.0	4.0	0.0	37.6	36.8
13	240.0	0.0	4.0	0.0	37.7	36.9
14	260.0	0.0	4.0	0.0	37.9	37.0
15	280.0	0.0	4.0	0.0	37.9	37.1
16	300.0	0.0	4.0	0.0	37.9	37.2
17	320.0	0.0	4.0	0.0	38.0	37.2
18	340.0	0.0	4.0	0.0	37.9	37.1
19	360.0	0.0	4.0	0.0	37.9	37.0
20	380.0	0.0	4.0	0.0	37.9	37.1
21	400.0	0.0	4.0	0.0	37.9	37.1
22	420.0	0.0	4.0	0.0	37.8	37.0
23	440.0	0.0	4.0	0.0	37.5	36.7
24	460.0	0.0	4.0	0.0	37.3	36.4
25	480.0	0.0	4.0	0.0	36.9	36.0
26	500.0	0.0	4.0	0.0	36.6	35.6
27	520.0	0.0	4.0	0.0	36.3	35.3
28	540.0	0.0	4.0	0.0	36.2	35.1
29	560.0	0.0	4.0	0.0	36.4	34.8
30	580.0	0.0	4.0	0.0	36.5	34.9
31	600.0	0.0	4.0	0.0	36.5	34.9
32	620.0	0.0	4.0	0.0	36.5	34.2
33	640.0	0.0	4.0	0.0	36.3	34.3
34	660.0	0.0	4.0	0.0	36.1	34.5
35	680.0	0.0	4.0	0.0	34.7	32.9
36	700.0	0.0	4.0	0.0	33.8	32.8
37	720.0	0.0	4.0	0.0	33.7	32.7
38	740.0	0.0	4.0	0.0	33.7	32.7
39	760.0	0.0	4.0	0.0	34.0	33.1
40	780.0	0.0	4.0	0.0	33.8	33.0
41	800.0	0.0	4.0	0.0	34.1	32.0
42	820.0	0.0	4.0	0.0	33.8	31.8
43	840.0	0.0	4.0	0.0	34.1	32.6
44	860.0	0.0	4.0	0.0	33.3	31.7
45	880.0	0.0	4.0	0.0	32.9	31.5
46	900.0	0.0	4.0	0.0	32.8	31.6
47	920.0	0.0	4.0	0.0	32.0	30.6
48	940.0	0.0	4.0	0.0	31.4	29.9
49	960.0	0.0	4.0	0.0	31.2	29.9
50	980.0	0.0	4.0	0.0	31.1	29.8
51	1000.0	0.0	4.0	0.0	31.3	30.1
52	1020.0	0.0	4.0	0.0	31.1	30.0
53	1040.0	0.0	4.0	0.0	30.7	29.6
54	1060.0	0.0	4.0	0.0	30.7	29.5
55	1080.0	0.0	4.0	0.0	30.5	29.4
56	1100.0	0.0	4.0	0.0	30.5	29.5
57	1120.0	0.0	4.0	0.0	30.4	29.3
58	1140.0	0.0	4.0	0.0	31.2	29.3
59	1160.0	0.0	4.0	0.0	31.2	29.5
60	1180.0	0.0	4.0	0.0	30.9	29.3
61	1200.0	0.0	4.0	0.0	31.5	30.3
62	1220.0	0.0	4.0	0.0	31.5	30.4
63	1240.0	0.0	4.0	0.0	31.5	30.4
64	1260.0	0.0	4.0	0.0	31.6	30.7
65	1280.0	0.0	4.0	0.0	31.6	30.5
66	1300.0	0.0	4.0	0.0	31.6	30.6
67	1320.0	0.0	4.0	0.0	32.3	31.4
68	1340.0	0.0	4.0	0.0	31.9	31.1

69	1360.0	0.0	4.0	0.0	32.2	31.4
70	1380.0	0.0	4.0	0.0	34.9	34.5
71	1400.0	0.0	4.0	0.0	34.8	34.5
72	1420.0	0.0	4.0	0.0	34.7	34.4
73	1440.0	0.0	4.0	0.0	34.4	34.1
74	1460.0	0.0	4.0	0.0	32.4	32.0
75	1480.0	0.0	4.0	0.0	31.0	30.4
76	1500.0	0.0	4.0	0.0	30.3	29.6
77	1520.0	0.0	4.0	0.0	29.9	29.2
78	1540.0	0.0	4.0	0.0	29.7	29.0
79	1560.0	0.0	4.0	0.0	29.6	29.0
80	1580.0	0.0	4.0	0.0	29.6	28.8
81	1600.0	0.0	4.0	0.0	29.1	28.3
82	1620.0	0.0	4.0	0.0	28.6	27.7
83	1640.0	0.0	4.0	0.0	28.2	27.2
84	1660.0	0.0	4.0	0.0	27.9	26.9
85	1680.0	0.0	4.0	0.0	27.6	26.5
86	1700.0	0.0	4.0	0.0	28.1	27.2
87	1720.0	0.0	4.0	0.0	28.0	27.2
88	1740.0	0.0	4.0	0.0	30.2	29.7
89	1760.0	0.0	4.0	0.0	30.4	30.0
90	1780.0	0.0	4.0	0.0	30.3	29.8
91	1800.0	0.0	4.0	0.0	30.2	29.8
92	1820.0	0.0	4.0	0.0	30.3	29.9
93	1840.0	0.0	4.0	0.0	30.3	29.9
94	1860.0	0.0	4.0	0.0	30.2	29.8
95	1880.0	0.0	4.0	0.0	30.1	29.7
96	1900.0	0.0	4.0	0.0	30.0	29.6
97	1920.0	0.0	4.0	0.0	29.9	29.5
98	1940.0	0.0	4.0	0.0	29.8	29.4
99	1960.0	0.0	4.0	0.0	29.7	29.3
100	1980.0	0.0	4.0	0.0	29.5	29.1
101	2000.0	0.0	4.0	0.0	29.4	29.0
102	2020.0	0.0	4.0	0.0	29.5	28.8
103	0.0	-20.0	4.0	0.0	35.7	35.1
104	20.0	-20.0	4.0	0.0	36.0	35.4
105	40.0	-20.0	4.0	0.0	36.1	35.5
106	60.0	-20.0	4.0	0.0	36.2	35.7
107	80.0	-20.0	4.0	0.0	36.4	35.9
108	100.0	-20.0	4.0	0.0	36.5	35.9
109	120.0	-20.0	4.0	0.0	36.7	36.1
110	140.0	-20.0	4.0	0.0	36.9	36.2
111	160.0	-20.0	4.0	0.0	37.0	36.4
112	180.0	-20.0	4.0	0.0	37.4	36.8
113	200.0	-20.0	4.0	0.0	37.7	36.9
114	220.0	-20.0	4.0	0.0	38.0	37.2
115	240.0	-20.0	4.0	0.0	38.0	37.2
116	260.0	-20.0	4.0	0.0	38.1	37.3
117	280.0	-20.0	4.0	0.0	38.1	37.3
118	300.0	-20.0	4.0	0.0	38.2	37.5
119	320.0	-20.0	4.0	0.0	38.3	37.6
120	340.0	-20.0	4.0	0.0	38.4	37.6
121	360.0	-20.0	4.0	0.0	38.3	37.5
122	380.0	-20.0	4.0	0.0	38.3	37.5
123	400.0	-20.0	4.0	0.0	38.3	37.5
124	420.0	-20.0	4.0	0.0	38.3	37.5
125	440.0	-20.0	4.0	0.0	38.1	37.3
126	460.0	-20.0	4.0	0.0	37.8	37.0
127	480.0	-20.0	4.0	0.0	37.5	36.7
128	500.0	-20.0	4.0	0.0	37.1	36.2
129	520.0	-20.0	4.0	0.0	36.8	35.9
130	540.0	-20.0	4.0	0.0	36.6	35.5
131	560.0	-20.0	4.0	0.0	36.8	35.3
132	580.0	-20.0	4.0	0.0	36.7	35.1
133	600.0	-20.0	4.0	0.0	36.8	35.3
134	620.0	-20.0	4.0	0.0	36.8	34.7
135	640.0	-20.0	4.0	0.0	36.5	34.5
136	660.0	-20.0	4.0	0.0	36.3	34.7
137	680.0	-20.0	4.0	0.0	35.6	34.2
138	700.0	-20.0	4.0	0.0	34.4	33.4
139	720.0	-20.0	4.0	0.0	34.3	33.2
140	740.0	-20.0	4.0	0.0	34.2	33.3
141	760.0	-20.0	4.0	0.0	35.3	33.3
142	780.0	-20.0	4.0	0.0	35.1	33.4

143	800.0	-20.0	4.0	0.0	34.3	32.4
144	820.0	-20.0	4.0	0.0	37.1	36.5
145	840.0	-20.0	4.0	0.0	35.4	34.9
146	860.0	-20.0	4.0	0.0	32.7	31.9
147	880.0	-20.0	4.0	0.0	32.9	31.7
148	900.0	-20.0	4.0	0.0	32.9	31.8
149	920.0	-20.0	4.0	0.0	31.8	30.4
150	940.0	-20.0	4.0	0.0	31.6	30.3
151	960.0	-20.0	4.0	0.0	31.5	30.2
152	980.0	-20.0	4.0	0.0	31.4	30.2
153	1000.0	-20.0	4.0	0.0	31.5	30.4
154	1020.0	-20.0	4.0	0.0	31.4	30.4
155	1040.0	-20.0	4.0	0.0	31.1	30.0
156	1060.0	-20.0	4.0	0.0	31.2	30.1
157	1080.0	-20.0	4.0	0.0	31.0	30.0
158	1100.0	-20.0	4.0	0.0	31.7	29.9
159	1120.0	-20.0	4.0	0.0	31.4	29.7
160	1140.0	-20.0	4.0	0.0	31.2	29.6
161	1160.0	-20.0	4.0	0.0	31.2	29.7
162	1180.0	-20.0	4.0	0.0	31.1	29.8
163	1200.0	-20.0	4.0	0.0	31.5	30.4
164	1220.0	-20.0	4.0	0.0	31.6	30.6
165	1240.0	-20.0	4.0	0.0	31.8	30.9
166	1260.0	-20.0	4.0	0.0	32.0	30.9
167	1280.0	-20.0	4.0	0.0	31.8	30.7
168	1300.0	-20.0	4.0	0.0	32.3	31.5
169	1320.0	-20.0	4.0	0.0	32.1	31.3
170	1340.0	-20.0	4.0	0.0	31.9	31.1
171	1360.0	-20.0	4.0	0.0	33.1	32.5
172	1380.0	-20.0	4.0	0.0	35.1	34.8
173	1400.0	-20.0	4.0	0.0	34.9	34.6
174	1420.0	-20.0	4.0	0.0	34.8	34.5
175	1440.0	-20.0	4.0	0.0	34.2	33.8
176	1460.0	-20.0	4.0	0.0	32.1	31.6
177	1480.0	-20.0	4.0	0.0	31.0	30.4
178	1500.0	-20.0	4.0	0.0	30.4	29.6
179	1520.0	-20.0	4.0	0.0	30.2	29.4
180	1540.0	-20.0	4.0	0.0	30.1	29.3
181	1560.0	-20.0	4.0	0.0	29.9	29.2
182	1580.0	-20.0	4.0	0.0	29.3	28.5
183	1600.0	-20.0	4.0	0.0	28.9	28.1
184	1620.0	-20.0	4.0	0.0	28.6	27.7
185	1640.0	-20.0	4.0	0.0	28.2	27.2
186	1660.0	-20.0	4.0	0.0	27.9	26.9
187	1680.0	-20.0	4.0	0.0	27.8	26.7
188	1700.0	-20.0	4.0	0.0	28.3	27.4
189	1720.0	-20.0	4.0	0.0	29.6	29.0
190	1740.0	-20.0	4.0	0.0	30.7	30.2
191	1760.0	-20.0	4.0	0.0	30.6	30.1
192	1780.0	-20.0	4.0	0.0	30.4	30.0
193	1800.0	-20.0	4.0	0.0	30.5	30.1
194	1820.0	-20.0	4.0	0.0	30.6	30.2
195	1840.0	-20.0	4.0	0.0	30.5	30.1
196	1860.0	-20.0	4.0	0.0	30.4	30.0
197	1880.0	-20.0	4.0	0.0	30.3	29.9
198	1900.0	-20.0	4.0	0.0	30.1	29.7
199	1920.0	-20.0	4.0	0.0	30.0	29.6
200	1940.0	-20.0	4.0	0.0	29.9	29.5
201	1960.0	-20.0	4.0	0.0	29.8	29.4
202	1980.0	-20.0	4.0	0.0	29.6	29.2
203	2000.0	-20.0	4.0	0.0	29.8	29.1
204	2020.0	-20.0	4.0	0.0	29.6	29.0
205	0.0	-40.0	4.0	0.0	35.8	35.2
206	20.0	-40.0	4.0	0.0	36.2	35.6
207	40.0	-40.0	4.0	0.0	36.2	35.7
208	60.0	-40.0	4.0	0.0	36.3	35.7
209	80.0	-40.0	4.0	0.0	36.5	35.9
210	100.0	-40.0	4.0	0.0	36.6	36.1
211	120.0	-40.0	4.0	0.0	36.9	36.2
212	140.0	-40.0	4.0	0.0	37.0	36.4
213	160.0	-40.0	4.0	0.0	37.3	36.7
214	180.0	-40.0	4.0	0.0	37.6	37.0
215	200.0	-40.0	4.0	0.0	37.8	37.3
216	220.0	-40.0	4.0	0.0	38.2	37.5

217	240.0	-40.0	4.0	0.0	38.4	37.6
218	260.0	-40.0	4.0	0.0	38.5	37.6
219	280.0	-40.0	4.0	0.0	38.4	37.6
220	300.0	-40.0	4.0	0.0	38.4	37.7
221	320.0	-40.0	4.0	0.0	38.6	37.9
222	340.0	-40.0	4.0	0.0	38.7	38.0
223	360.0	-40.0	4.0	0.0	38.8	38.0
224	380.0	-40.0	4.0	0.0	38.8	38.0
225	400.0	-40.0	4.0	0.0	38.7	37.9
226	420.0	-40.0	4.0	0.0	38.6	37.8
227	440.0	-40.0	4.0	0.0	38.5	37.8
228	460.0	-40.0	4.0	0.0	38.3	37.6
229	480.0	-40.0	4.0	0.0	38.0	37.3
230	500.0	-40.0	4.0	0.0	37.7	36.9
231	520.0	-40.0	4.0	0.0	37.3	36.4
232	540.0	-40.0	4.0	0.0	37.1	36.1
233	560.0	-40.0	4.0	0.0	37.2	35.8
234	580.0	-40.0	4.0	0.0	37.0	35.4
235	600.0	-40.0	4.0	0.0	37.4	35.3
236	620.0	-40.0	4.0	0.0	37.3	35.3
237	640.0	-40.0	4.0	0.0	36.8	34.8
238	660.0	-40.0	4.0	0.0	36.6	34.9
239	680.0	-40.0	4.0	0.0	36.3	35.0
240	700.0	-40.0	4.0	0.0	35.2	34.2
241	720.0	-40.0	4.0	0.0	34.9	33.8
242	740.0	-40.0	4.0	0.0	35.7	33.7
243	760.0	-40.0	4.0	0.0	35.6	33.6
244	780.0	-40.0	4.0	0.0	35.3	33.6
245	800.0	-40.0	4.0	0.0	34.6	32.7
246	820.0	-40.0	4.0	0.0	35.1	34.3
247	840.0	-40.0	4.0	0.0	37.3	37.0
248	860.0	-40.0	4.0	0.0	33.0	32.2
249	880.0	-40.0	4.0	0.0	32.8	31.8
250	900.0	-40.0	4.0	0.0	33.0	32.2
251	920.0	-40.0	4.0	0.0	35.4	34.9
252	940.0	-40.0	4.0	0.0	32.0	30.8
253	960.0	-40.0	4.0	0.0	31.9	30.7
254	980.0	-40.0	4.0	0.0	31.9	30.7
255	1000.0	-40.0	4.0	0.0	31.9	30.8
256	1020.0	-40.0	4.0	0.0	31.9	30.9
257	1040.0	-40.0	4.0	0.0	32.5	30.5
258	1060.0	-40.0	4.0	0.0	32.2	30.4
259	1080.0	-40.0	4.0	0.0	32.0	30.3
260	1100.0	-40.0	4.0	0.0	31.8	30.2
261	1120.0	-40.0	4.0	0.0	31.5	30.0
262	1140.0	-40.0	4.0	0.0	31.3	29.9
263	1160.0	-40.0	4.0	0.0	31.2	29.9
264	1180.0	-40.0	4.0	0.0	31.1	29.9
265	1200.0	-40.0	4.0	0.0	31.7	30.7
266	1220.0	-40.0	4.0	0.0	31.7	30.8
267	1240.0	-40.0	4.0	0.0	32.1	31.3
268	1260.0	-40.0	4.0	0.0	32.1	31.1
269	1280.0	-40.0	4.0	0.0	32.1	31.2
270	1300.0	-40.0	4.0	0.0	32.3	31.6
271	1320.0	-40.0	4.0	0.0	32.1	31.3
272	1340.0	-40.0	4.0	0.0	31.9	31.2
273	1360.0	-40.0	4.0	0.0	34.0	33.5
274	1380.0	-40.0	4.0	0.0	35.2	34.9
275	1400.0	-40.0	4.0	0.0	35.1	34.8
276	1420.0	-40.0	4.0	0.0	35.0	34.6
277	1440.0	-40.0	4.0	0.0	33.7	33.2
278	1460.0	-40.0	4.0	0.0	31.9	31.3
279	1480.0	-40.0	4.0	0.0	31.0	30.4
280	1500.0	-40.0	4.0	0.0	30.5	29.8
281	1520.0	-40.0	4.0	0.0	30.4	29.7
282	1540.0	-40.0	4.0	0.0	30.2	29.5
283	1560.0	-40.0	4.0	0.0	29.6	28.8
284	1580.0	-40.0	4.0	0.0	29.2	28.3
285	1600.0	-40.0	4.0	0.0	28.9	28.0
286	1620.0	-40.0	4.0	0.0	28.6	27.7
287	1640.0	-40.0	4.0	0.0	28.3	27.3
288	1660.0	-40.0	4.0	0.0	28.1	27.1
289	1680.0	-40.0	4.0	0.0	27.9	26.9
290	1700.0	-40.0	4.0	0.0	29.0	28.2

291	1720.0	-40.0	4.0	0.0	30.9	30.5
292	1740.0	-40.0	4.0	0.0	30.8	30.3
293	1760.0	-40.0	4.0	0.0	30.7	30.2
294	1780.0	-40.0	4.0	0.0	30.6	30.2
295	1800.0	-40.0	4.0	0.0	30.8	30.4
296	1820.0	-40.0	4.0	0.0	30.7	30.3
297	1840.0	-40.0	4.0	0.0	30.6	30.2
298	1860.0	-40.0	4.0	0.0	30.5	30.1
299	1880.0	-40.0	4.0	0.0	30.4	30.0
300	1900.0	-40.0	4.0	0.0	30.3	29.9
301	1920.0	-40.0	4.0	0.0	30.2	29.8
302	1940.0	-40.0	4.0	0.0	30.0	29.7
303	1960.0	-40.0	4.0	0.0	29.9	29.6
304	1980.0	-40.0	4.0	0.0	30.0	29.4
305	2000.0	-40.0	4.0	0.0	29.9	29.2
306	2020.0	-40.0	4.0	0.0	29.9	29.2
307	0.0	-60.0	4.0	0.0	36.0	35.3
308	20.0	-60.0	4.0	0.0	36.3	35.7
309	40.0	-60.0	4.0	0.0	36.3	35.7
310	60.0	-60.0	4.0	0.0	36.5	35.8
311	80.0	-60.0	4.0	0.0	36.6	36.0
312	100.0	-60.0	4.0	0.0	36.8	36.2
313	120.0	-60.0	4.0	0.0	36.9	36.4
314	140.0	-60.0	4.0	0.0	37.2	36.6
315	160.0	-60.0	4.0	0.0	37.5	36.9
316	180.0	-60.0	4.0	0.0	37.7	37.1
317	200.0	-60.0	4.0	0.0	38.1	37.5
318	220.0	-60.0	4.0	0.0	38.5	37.7
319	240.0	-60.0	4.0	0.0	38.6	37.9
320	260.0	-60.0	4.0	0.0	38.8	38.0
321	280.0	-60.0	4.0	0.0	38.8	38.0
322	300.0	-60.0	4.0	0.0	38.8	38.0
323	320.0	-60.0	4.0	0.0	38.8	38.1
324	340.0	-60.0	4.0	0.0	39.0	38.2
325	360.0	-60.0	4.0	0.0	39.1	38.4
326	380.0	-60.0	4.0	0.0	39.2	38.4
327	400.0	-60.0	4.0	0.0	39.1	38.4
328	420.0	-60.0	4.0	0.0	39.0	38.2
329	440.0	-60.0	4.0	0.0	39.0	38.2
330	460.0	-60.0	4.0	0.0	38.8	38.2
331	480.0	-60.0	4.0	0.0	38.6	37.8
332	500.0	-60.0	4.0	0.0	38.3	37.5
333	520.0	-60.0	4.0	0.0	37.9	37.0
334	540.0	-60.0	4.0	0.0	37.3	36.4
335	560.0	-60.0	4.0	0.0	37.6	36.4
336	580.0	-60.0	4.0	0.0	37.5	36.0
337	600.0	-60.0	4.0	0.0	37.7	35.7
338	620.0	-60.0	4.0	0.0	37.6	35.5
339	640.0	-60.0	4.0	0.0	37.2	35.3
340	660.0	-60.0	4.0	0.0	36.7	35.1
341	680.0	-60.0	4.0	0.0	35.9	35.0
342	700.0	-60.0	4.0	0.0	36.8	35.0
343	720.0	-60.0	4.0	0.0	36.4	34.5
344	740.0	-60.0	4.0	0.0	36.1	34.2
345	760.0	-60.0	4.0	0.0	35.9	34.0
346	780.0	-60.0	4.0	0.0	35.6	33.9
347	800.0	-60.0	4.0	0.0	34.9	33.0
348	820.0	-60.0	4.0	0.0	34.3	33.6
349	840.0	-60.0	4.0	0.0	37.5	37.2
350	860.0	-60.0	4.0	0.0	35.7	35.2
351	880.0	-60.0	4.0	0.0	33.1	32.1
352	900.0	-60.0	4.0	0.0	33.4	32.5
353	920.0	-60.0	4.0	0.0	34.4	33.7
354	940.0	-60.0	4.0	0.0	32.5	31.3
355	960.0	-60.0	4.0	0.0	32.5	31.2
356	980.0	-60.0	4.0	0.0	32.5	31.4
357	1000.0	-60.0	4.0	0.0	33.2	31.4
358	1020.0	-60.0	4.0	0.0	33.0	31.3
359	1040.0	-60.0	4.0	0.0	32.7	30.9
360	1060.0	-60.0	4.0	0.0	32.4	30.8
361	1080.0	-60.0	4.0	0.0	32.2	30.6
362	1100.0	-60.0	4.0	0.0	31.9	30.5
363	1120.0	-60.0	4.0	0.0	31.6	30.3
364	1140.0	-60.0	4.0	0.0	31.5	30.3

365	1160.0	-60.0	4.0	0.0	31.2	29.9
366	1180.0	-60.0	4.0	0.0	31.0	29.9
367	1200.0	-60.0	4.0	0.0	31.8	30.8
368	1220.0	-60.0	4.0	0.0	31.6	30.8
369	1240.0	-60.0	4.0	0.0	32.5	31.6
370	1260.0	-60.0	4.0	0.0	32.1	31.3
371	1280.0	-60.0	4.0	0.0	32.3	31.5
372	1300.0	-60.0	4.0	0.0	32.3	31.6
373	1320.0	-60.0	4.0	0.0	32.2	31.4
374	1340.0	-60.0	4.0	0.0	32.1	31.4
375	1360.0	-60.0	4.0	0.0	34.9	34.5
376	1380.0	-60.0	4.0	0.0	35.4	35.1
377	1400.0	-60.0	4.0	0.0	35.3	35.0
378	1420.0	-60.0	4.0	0.0	35.2	34.8
379	1440.0	-60.0	4.0	0.0	33.2	32.7
380	1460.0	-60.0	4.0	0.0	31.9	31.3
381	1480.0	-60.0	4.0	0.0	31.1	30.3
382	1500.0	-60.0	4.0	0.0	30.7	30.0
383	1520.0	-60.0	4.0	0.0	30.5	29.7
384	1540.0	-60.0	4.0	0.0	29.9	29.1
385	1560.0	-60.0	4.0	0.0	29.5	28.6
386	1580.0	-60.0	4.0	0.0	29.2	28.3
387	1600.0	-60.0	4.0	0.0	29.0	28.0
388	1620.0	-60.0	4.0	0.0	28.7	27.8
389	1640.0	-60.0	4.0	0.0	28.5	27.5
390	1660.0	-60.0	4.0	0.0	28.2	27.2
391	1680.0	-60.0	4.0	0.0	28.1	27.1
392	1700.0	-60.0	4.0	0.0	30.8	30.3
393	1720.0	-60.0	4.0	0.0	31.1	30.7
394	1740.0	-60.0	4.0	0.0	30.9	30.5
395	1760.0	-60.0	4.0	0.0	30.8	30.4
396	1780.0	-60.0	4.0	0.0	30.9	30.6
397	1800.0	-60.0	4.0	0.0	31.0	30.6
398	1820.0	-60.0	4.0	0.0	30.9	30.5
399	1840.0	-60.0	4.0	0.0	30.8	30.4
400	1860.0	-60.0	4.0	0.0	30.6	30.3
401	1880.0	-60.0	4.0	0.0	30.5	30.1
402	1900.0	-60.0	4.0	0.0	30.4	30.0
403	1920.0	-60.0	4.0	0.0	30.3	29.9
404	1940.0	-60.0	4.0	0.0	30.2	29.8
405	1960.0	-60.0	4.0	0.0	30.4	29.7
406	1980.0	-60.0	4.0	0.0	30.2	29.5
407	2000.0	-60.0	4.0	0.0	30.1	29.5
408	2020.0	-60.0	4.0	0.0	30.2	29.6
409	0.0	-80.0	4.0	0.0	36.0	35.3
410	20.0	-80.0	4.0	0.0	36.4	35.7
411	40.0	-80.0	4.0	0.0	36.5	35.8
412	60.0	-80.0	4.0	0.0	36.6	36.0
413	80.0	-80.0	4.0	0.0	36.8	36.2
414	100.0	-80.0	4.0	0.0	36.9	36.3
415	120.0	-80.0	4.0	0.0	37.1	36.5
416	140.0	-80.0	4.0	0.0	37.3	36.7
417	160.0	-80.0	4.0	0.0	37.7	37.1
418	180.0	-80.0	4.0	0.0	37.9	37.3
419	200.0	-80.0	4.0	0.0	38.2	37.7
420	220.0	-80.0	4.0	0.0	38.4	37.9
421	240.0	-80.0	4.0	0.0	38.8	38.0
422	260.0	-80.0	4.0	0.0	39.0	38.2
423	280.0	-80.0	4.0	0.0	39.1	38.3
424	300.0	-80.0	4.0	0.0	39.2	38.4
425	320.0	-80.0	4.0	0.0	39.2	38.5
426	340.0	-80.0	4.0	0.0	39.3	38.5
427	360.0	-80.0	4.0	0.0	39.3	38.6
428	380.0	-80.0	4.0	0.0	39.5	38.7
429	400.0	-80.0	4.0	0.0	39.5	38.8
430	420.0	-80.0	4.0	0.0	39.4	38.7
431	440.0	-80.0	4.0	0.0	39.4	38.6
432	460.0	-80.0	4.0	0.0	39.3	38.6
433	480.0	-80.0	4.0	0.0	39.1	38.5
434	500.0	-80.0	4.0	0.0	38.9	38.1
435	520.0	-80.0	4.0	0.0	38.3	37.4
436	540.0	-80.0	4.0	0.0	37.8	36.9
437	560.0	-80.0	4.0	0.0	37.9	36.9
438	580.0	-80.0	4.0	0.0	38.2	36.8

439	600.0	-80.0	4.0	0.0	38.3	36.5
440	620.0	-80.0	4.0	0.0	37.7	35.5
441	640.0	-80.0	4.0	0.0	37.6	35.7
442	660.0	-80.0	4.0	0.0	37.2	35.6
443	680.0	-80.0	4.0	0.0	37.0	35.2
444	700.0	-80.0	4.0	0.0	37.3	35.6
445	720.0	-80.0	4.0	0.0	36.9	34.9
446	740.0	-80.0	4.0	0.0	36.6	34.7
447	760.0	-80.0	4.0	0.0	36.2	34.5
448	780.0	-80.0	4.0	0.0	36.0	34.3
449	800.0	-80.0	4.0	0.0	35.0	33.0
450	820.0	-80.0	4.0	0.0	34.3	33.4
451	840.0	-80.0	4.0	0.0	34.5	33.7
452	860.0	-80.0	4.0	0.0	37.8	37.5
453	880.0	-80.0	4.0	0.0	33.4	32.4
454	900.0	-80.0	4.0	0.0	33.7	32.8
455	920.0	-80.0	4.0	0.0	33.3	32.3
456	940.0	-80.0	4.0	0.0	35.1	34.4
457	960.0	-80.0	4.0	0.0	33.7	31.7
458	980.0	-80.0	4.0	0.0	33.4	31.7
459	1000.0	-80.0	4.0	0.0	33.7	32.2
460	1020.0	-80.0	4.0	0.0	33.2	31.7
461	1040.0	-80.0	4.0	0.0	32.8	31.3
462	1060.0	-80.0	4.0	0.0	32.6	31.1
463	1080.0	-80.0	4.0	0.0	32.4	31.0
464	1100.0	-80.0	4.0	0.0	32.2	30.8
465	1120.0	-80.0	4.0	0.0	32.0	30.6
466	1140.0	-80.0	4.0	0.0	31.9	30.7
467	1160.0	-80.0	4.0	0.0	31.5	30.2
468	1180.0	-80.0	4.0	0.0	31.4	30.5
469	1200.0	-80.0	4.0	0.0	31.7	30.8
470	1220.0	-80.0	4.0	0.0	32.1	31.0
471	1240.0	-80.0	4.0	0.0	32.3	31.4
472	1260.0	-80.0	4.0	0.0	32.6	31.7
473	1280.0	-80.0	4.0	0.0	32.5	31.7
474	1300.0	-80.0	4.0	0.0	32.6	31.8
475	1320.0	-80.0	4.0	0.0	32.4	31.6
476	1340.0	-80.0	4.0	0.0	32.5	31.8
477	1360.0	-80.0	4.0	0.0	35.5	35.2
478	1380.0	-80.0	4.0	0.0	35.6	35.2
479	1400.0	-80.0	4.0	0.0	35.5	35.2
480	1420.0	-80.0	4.0	0.0	35.1	34.7
481	1440.0	-80.0	4.0	0.0	33.0	32.5
482	1460.0	-80.0	4.0	0.0	31.9	31.2
483	1480.0	-80.0	4.0	0.0	31.1	30.4
484	1500.0	-80.0	4.0	0.0	30.8	30.1
485	1520.0	-80.0	4.0	0.0	30.2	29.4
486	1540.0	-80.0	4.0	0.0	29.8	28.9
487	1560.0	-80.0	4.0	0.0	29.5	28.6
488	1580.0	-80.0	4.0	0.0	29.3	28.4
489	1600.0	-80.0	4.0	0.0	29.1	28.1
490	1620.0	-80.0	4.0	0.0	28.9	27.9
491	1640.0	-80.0	4.0	0.0	28.6	27.7
492	1660.0	-80.0	4.0	0.0	28.4	27.5
493	1680.0	-80.0	4.0	0.0	29.5	28.9
494	1700.0	-80.0	4.0	0.0	31.3	30.8
495	1720.0	-80.0	4.0	0.0	31.2	30.8
496	1740.0	-80.0	4.0	0.0	31.1	30.6
497	1760.0	-80.0	4.0	0.0	31.1	30.8
498	1780.0	-80.0	4.0	0.0	31.2	30.8
499	1800.0	-80.0	4.0	0.0	31.1	30.8
500	1820.0	-80.0	4.0	0.0	31.0	30.6
501	1840.0	-80.0	4.0	0.0	30.9	30.5
502	1860.0	-80.0	4.0	0.0	30.8	30.4
503	1880.0	-80.0	4.0	0.0	30.7	30.3
504	1900.0	-80.0	4.0	0.0	30.6	30.2
505	1920.0	-80.0	4.0	0.0	30.4	30.1
506	1940.0	-80.0	4.0	0.0	30.6	30.0
507	1960.0	-80.0	4.0	0.0	30.5	29.9
508	1980.0	-80.0	4.0	0.0	30.4	29.8
509	2000.0	-80.0	4.0	0.0	30.4	29.8
510	2020.0	-80.0	4.0	0.0	29.4	28.6
511	0.0	-100.0	4.0	0.0	36.2	35.4
512	20.0	-100.0	4.0	0.0	36.5	35.8



513	40.0	-100.0	4.0	0.0	36.7	35.9
514	60.0	-100.0	4.0	0.0	36.8	36.1
515	80.0	-100.0	4.0	0.0	37.0	36.3
516	100.0	-100.0	4.0	0.0	37.1	36.5
517	120.0	-100.0	4.0	0.0	37.3	36.7
518	140.0	-100.0	4.0	0.0	37.5	36.9
519	160.0	-100.0	4.0	0.0	37.9	37.3
520	180.0	-100.0	4.0	0.0	38.1	37.5
521	200.0	-100.0	4.0	0.0	38.4	37.8
522	220.0	-100.0	4.0	0.0	38.6	38.0
523	240.0	-100.0	4.0	0.0	38.8	38.2
524	260.0	-100.0	4.0	0.0	39.2	38.4
525	280.0	-100.0	4.0	0.0	39.4	38.5
526	300.0	-100.0	4.0	0.0	39.5	38.7
527	320.0	-100.0	4.0	0.0	39.6	38.8
528	340.0	-100.0	4.0	0.0	39.6	38.9
529	360.0	-100.0	4.0	0.0	39.6	38.9
530	380.0	-100.0	4.0	0.0	39.7	39.0
531	400.0	-100.0	4.0	0.0	39.8	39.1
532	420.0	-100.0	4.0	0.0	39.9	39.1
533	440.0	-100.0	4.0	0.0	39.9	39.1
534	460.0	-100.0	4.0	0.0	39.7	39.0
535	480.0	-100.0	4.0	0.0	39.6	38.9
536	500.0	-100.0	4.0	0.0	39.4	38.8
537	520.0	-100.0	4.0	0.0	38.7	38.0
538	540.0	-100.0	4.0	0.0	38.3	37.4
539	560.0	-100.0	4.0	0.0	38.4	37.5
540	580.0	-100.0	4.0	0.0	38.7	37.4
541	600.0	-100.0	4.0	0.0	39.1	37.5
542	620.0	-100.0	4.0	0.0	38.0	35.9
543	640.0	-100.0	4.0	0.0	38.7	36.0
544	660.0	-100.0	4.0	0.0	38.5	36.3
545	680.0	-100.0	4.0	0.0	37.3	35.6
546	700.0	-100.0	4.0	0.0	37.5	35.9
547	720.0	-100.0	4.0	0.0	37.2	35.4
548	740.0	-100.0	4.0	0.0	37.0	35.1
549	760.0	-100.0	4.0	0.0	36.7	35.0
550	780.0	-100.0	4.0	0.0	36.3	34.7
551	800.0	-100.0	4.0	0.0	35.3	33.3
552	820.0	-100.0	4.0	0.0	34.2	33.3
553	840.0	-100.0	4.0	0.0	34.5	33.6
554	860.0	-100.0	4.0	0.0	38.1	37.7
555	880.0	-100.0	4.0	0.0	35.7	35.0
556	900.0	-100.0	4.0	0.0	34.9	33.2
557	920.0	-100.0	4.0	0.0	34.4	32.7
558	940.0	-100.0	4.0	0.0	36.8	36.0
559	960.0	-100.0	4.0	0.0	33.7	32.1
560	980.0	-100.0	4.0	0.0	33.5	32.0
561	1000.0	-100.0	4.0	0.0	34.2	33.0
562	1020.0	-100.0	4.0	0.0	33.4	32.1
563	1040.0	-100.0	4.0	0.0	33.0	31.7
564	1060.0	-100.0	4.0	0.0	32.8	31.5
565	1080.0	-100.0	4.0	0.0	32.6	31.3
566	1100.0	-100.0	4.0	0.0	32.2	31.1
567	1120.0	-100.0	4.0	0.0	32.0	31.0
568	1140.0	-100.0	4.0	0.0	32.1	31.1
569	1160.0	-100.0	4.0	0.0	31.7	30.6
570	1180.0	-100.0	4.0	0.0	31.8	30.9
571	1200.0	-100.0	4.0	0.0	32.3	31.2
572	1220.0	-100.0	4.0	0.0	32.1	31.0
573	1240.0	-100.0	4.0	0.0	32.2	31.1
574	1260.0	-100.0	4.0	0.0	32.7	31.8
575	1280.0	-100.0	4.0	0.0	32.9	32.1
576	1300.0	-100.0	4.0	0.0	32.8	32.0
577	1320.0	-100.0	4.0	0.0	32.6	31.8
578	1340.0	-100.0	4.0	0.0	33.5	32.9
579	1360.0	-100.0	4.0	0.0	35.9	35.5
580	1380.0	-100.0	4.0	0.0	35.8	35.5
581	1400.0	-100.0	4.0	0.0	35.8	35.4
582	1420.0	-100.0	4.0	0.0	34.6	34.1
583	1440.0	-100.0	4.0	0.0	32.9	32.3
584	1460.0	-100.0	4.0	0.0	31.8	31.1
585	1480.0	-100.0	4.0	0.0	31.1	30.4
586	1500.0	-100.0	4.0	0.0	30.5	29.6

587	1520.0	-100.0	4.0	0.0	30.1	29.3
588	1540.0	-100.0	4.0	0.0	29.8	28.9
589	1560.0	-100.0	4.0	0.0	29.5	28.6
590	1580.0	-100.0	4.0	0.0	29.5	28.6
591	1600.0	-100.0	4.0	0.0	29.2	28.3
592	1620.0	-100.0	4.0	0.0	29.0	28.1
593	1640.0	-100.0	4.0	0.0	28.8	27.9
594	1660.0	-100.0	4.0	0.0	28.6	27.7
595	1680.0	-100.0	4.0	0.0	31.4	30.9
596	1700.0	-100.0	4.0	0.0	31.4	31.0
597	1720.0	-100.0	4.0	0.0	31.4	31.0
598	1740.0	-100.0	4.0	0.0	31.4	31.0
599	1760.0	-100.0	4.0	0.0	31.4	31.1
600	1780.0	-100.0	4.0	0.0	31.4	31.0
601	1800.0	-100.0	4.0	0.0	31.3	30.9
602	1820.0	-100.0	4.0	0.0	31.2	30.8
603	1840.0	-100.0	4.0	0.0	31.1	30.7
604	1860.0	-100.0	4.0	0.0	30.9	30.6
605	1880.0	-100.0	4.0	0.0	30.8	30.4
606	1900.0	-100.0	4.0	0.0	30.7	30.3
607	1920.0	-100.0	4.0	0.0	30.9	30.2
608	1940.0	-100.0	4.0	0.0	30.8	30.1
609	1960.0	-100.0	4.0	0.0	30.7	30.1
610	1980.0	-100.0	4.0	0.0	30.8	30.2
611	2000.0	-100.0	4.0	0.0	29.7	28.9
612	2020.0	-100.0	4.0	0.0	28.2	27.2
613	0.0	-120.0	4.0	0.0	36.3	35.6
614	20.0	-120.0	4.0	0.0	36.6	35.9
615	40.0	-120.0	4.0	0.0	36.7	36.0
616	60.0	-120.0	4.0	0.0	36.9	36.2
617	80.0	-120.0	4.0	0.0	37.1	36.4
618	100.0	-120.0	4.0	0.0	37.4	36.6
619	120.0	-120.0	4.0	0.0	37.5	36.8
620	140.0	-120.0	4.0	0.0	37.7	37.1
621	160.0	-120.0	4.0	0.0	38.1	37.4
622	180.0	-120.0	4.0	0.0	38.3	37.6
623	200.0	-120.0	4.0	0.0	38.6	38.0
624	220.0	-120.0	4.0	0.0	38.8	38.2
625	240.0	-120.0	4.0	0.0	39.0	38.4
626	260.0	-120.0	4.0	0.0	39.3	38.6
627	280.0	-120.0	4.0	0.0	39.5	38.7
628	300.0	-120.0	4.0	0.0	39.7	38.9
629	320.0	-120.0	4.0	0.0	39.8	39.1
630	340.0	-120.0	4.0	0.0	40.0	39.3
631	360.0	-120.0	4.0	0.0	40.0	39.3
632	380.0	-120.0	4.0	0.0	40.0	39.3
633	400.0	-120.0	4.0	0.0	40.1	39.4
634	420.0	-120.0	4.0	0.0	40.3	39.5
635	440.0	-120.0	4.0	0.0	40.2	39.5
636	460.0	-120.0	4.0	0.0	40.2	39.5
637	480.0	-120.0	4.0	0.0	40.1	39.4
638	500.0	-120.0	4.0	0.0	40.0	39.4
639	520.0	-120.0	4.0	0.0	39.4	38.7
640	540.0	-120.0	4.0	0.0	38.9	38.1
641	560.0	-120.0	4.0	0.0	38.6	37.8
642	580.0	-120.0	4.0	0.0	39.3	38.1
643	600.0	-120.0	4.0	0.0	40.0	38.6
644	620.0	-120.0	4.0	0.0	39.7	37.2
645	640.0	-120.0	4.0	0.0	39.1	36.4
646	660.0	-120.0	4.0	0.0	38.3	36.3
647	680.0	-120.0	4.0	0.0	37.6	35.9
648	700.0	-120.0	4.0	0.0	37.7	36.0
649	720.0	-120.0	4.0	0.0	37.7	35.9
650	740.0	-120.0	4.0	0.0	37.5	35.6
651	760.0	-120.0	4.0	0.0	37.2	35.6
652	780.0	-120.0	4.0	0.0	36.7	35.2
653	800.0	-120.0	4.0	0.0	36.3	34.7
654	820.0	-120.0	4.0	0.0	34.5	33.4
655	840.0	-120.0	4.0	0.0	35.1	34.2
656	860.0	-120.0	4.0	0.0	35.6	34.0
657	880.0	-120.0	4.0	0.0	37.3	36.4
658	900.0	-120.0	4.0	0.0	34.8	33.2
659	920.0	-120.0	4.0	0.0	34.7	33.2
660	940.0	-120.0	4.0	0.0	37.0	36.3

661	960.0	-120.0	4.0	0.0	34.0	32.5
662	980.0	-120.0	4.0	0.0	33.8	32.4
663	1000.0	-120.0	4.0	0.0	35.2	34.4
664	1020.0	-120.0	4.0	0.0	33.7	32.4
665	1040.0	-120.0	4.0	0.0	33.2	32.1
666	1060.0	-120.0	4.0	0.0	33.0	31.9
667	1080.0	-120.0	4.0	0.0	32.8	31.7
668	1100.0	-120.0	4.0	0.0	32.6	31.5
669	1120.0	-120.0	4.0	0.0	32.4	31.4
670	1140.0	-120.0	4.0	0.0	32.5	31.5
671	1160.0	-120.0	4.0	0.0	32.1	31.0
672	1180.0	-120.0	4.0	0.0	32.7	31.5
673	1200.0	-120.0	4.0	0.0	32.6	31.4
674	1220.0	-120.0	4.0	0.0	32.1	30.8
675	1240.0	-120.0	4.0	0.0	32.2	31.0
676	1260.0	-120.0	4.0	0.0	32.5	31.4
677	1280.0	-120.0	4.0	0.0	33.1	32.3
678	1300.0	-120.0	4.0	0.0	33.0	32.2
679	1320.0	-120.0	4.0	0.0	32.8	32.0
680	1340.0	-120.0	4.0	0.0	34.7	34.2
681	1360.0	-120.0	4.0	0.0	36.1	35.7
682	1380.0	-120.0	4.0	0.0	36.1	35.7
683	1400.0	-120.0	4.0	0.0	36.0	35.6
684	1420.0	-120.0	4.0	0.0	34.2	33.7
685	1440.0	-120.0	4.0	0.0	32.7	32.1
686	1460.0	-120.0	4.0	0.0	31.4	30.7
687	1480.0	-120.0	4.0	0.0	30.7	29.9
688	1500.0	-120.0	4.0	0.0	30.4	29.6
689	1520.0	-120.0	4.0	0.0	30.1	29.3
690	1540.0	-120.0	4.0	0.0	29.8	29.0
691	1560.0	-120.0	4.0	0.0	29.7	28.8
692	1580.0	-120.0	4.0	0.0	29.6	28.7
693	1600.0	-120.0	4.0	0.0	29.4	28.5
694	1620.0	-120.0	4.0	0.0	29.2	28.3
695	1640.0	-120.0	4.0	0.0	29.0	28.1
696	1660.0	-120.0	4.0	0.0	30.8	30.3
697	1680.0	-120.0	4.0	0.0	31.7	31.3
698	1700.0	-120.0	4.0	0.0	31.6	31.1
699	1720.0	-120.0	4.0	0.0	31.6	31.2
700	1740.0	-120.0	4.0	0.0	31.7	31.4
701	1760.0	-120.0	4.0	0.0	31.7	31.3
702	1780.0	-120.0	4.0	0.0	31.6	31.2
703	1800.0	-120.0	4.0	0.0	31.5	31.1
704	1820.0	-120.0	4.0	0.0	31.3	31.0
705	1840.0	-120.0	4.0	0.0	31.2	30.8
706	1860.0	-120.0	4.0	0.0	31.1	30.8
707	1880.0	-120.0	4.0	0.0	31.0	30.6
708	1900.0	-120.0	4.0	0.0	31.1	30.5
709	1920.0	-120.0	4.0	0.0	31.0	30.4
710	1940.0	-120.0	4.0	0.0	31.0	30.4
711	1960.0	-120.0	4.0	0.0	31.0	30.4
712	1980.0	-120.0	4.0	0.0	30.0	29.3
713	2000.0	-120.0	4.0	0.0	28.5	27.4
714	2020.0	-120.0	4.0	0.0	26.1	24.2
715	0.0	-140.0	4.0	0.0	36.5	35.8
716	20.0	-140.0	4.0	0.0	36.7	36.0
717	40.0	-140.0	4.0	0.0	36.8	36.1
718	60.0	-140.0	4.0	0.0	37.0	36.3
719	80.0	-140.0	4.0	0.0	37.2	36.5
720	100.0	-140.0	4.0	0.0	37.4	36.7
721	120.0	-140.0	4.0	0.0	37.7	37.0
722	140.0	-140.0	4.0	0.0	37.9	37.2
723	160.0	-140.0	4.0	0.0	38.3	37.6
724	180.0	-140.0	4.0	0.0	38.5	37.8
725	200.0	-140.0	4.0	0.0	38.9	38.2
726	220.0	-140.0	4.0	0.0	39.0	38.4
727	240.0	-140.0	4.0	0.0	39.2	38.6
728	260.0	-140.0	4.0	0.0	39.3	38.7
729	280.0	-140.0	4.0	0.0	39.7	38.9
730	300.0	-140.0	4.0	0.0	39.9	39.1
731	320.0	-140.0	4.0	0.0	40.1	39.3
732	340.0	-140.0	4.0	0.0	40.2	39.4
733	360.0	-140.0	4.0	0.0	40.4	39.7
734	380.0	-140.0	4.0	0.0	40.5	39.8

735	400.0	-140.0	4.0	0.0	40.5	39.8
736	420.0	-140.0	4.0	0.0	40.5	39.8
737	440.0	-140.0	4.0	0.0	40.6	39.9
738	460.0	-140.0	4.0	0.0	40.7	40.0
739	480.0	-140.0	4.0	0.0	40.6	40.0
740	500.0	-140.0	4.0	0.0	40.6	40.0
741	520.0	-140.0	4.0	0.0	40.1	39.4
742	540.0	-140.0	4.0	0.0	39.4	38.7
743	560.0	-140.0	4.0	0.0	32.5	32.1
744	580.0	-140.0	4.0	0.0	41.0	39.8
745	600.0	-140.0	4.0	0.0	41.4	39.7
746	620.0	-140.0	4.0	0.0	40.3	38.1
747	640.0	-140.0	4.0	0.0	39.6	37.0
748	660.0	-140.0	4.0	0.0	38.3	36.2
749	680.0	-140.0	4.0	0.0	38.0	36.4
750	700.0	-140.0	4.0	0.0	38.0	36.3
751	720.0	-140.0	4.0	0.0	37.9	36.1
752	740.0	-140.0	4.0	0.0	37.8	36.0
753	760.0	-140.0	4.0	0.0	37.8	36.1
754	780.0	-140.0	4.0	0.0	37.3	35.8
755	800.0	-140.0	4.0	0.0	36.8	35.4
756	820.0	-140.0	4.0	0.0	35.8	34.1
757	840.0	-140.0	4.0	0.0	35.6	34.0
758	860.0	-140.0	4.0	0.0	35.4	33.9
759	880.0	-140.0	4.0	0.0	37.2	36.3
760	900.0	-140.0	4.0	0.0	35.8	34.6
761	920.0	-140.0	4.0	0.0	34.9	33.5
762	940.0	-140.0	4.0	0.0	35.5	34.5
763	960.0	-140.0	4.0	0.0	34.3	33.0
764	980.0	-140.0	4.0	0.0	34.0	32.9
765	1000.0	-140.0	4.0	0.0	35.2	34.5
766	1020.0	-140.0	4.0	0.0	33.9	32.9
767	1040.0	-140.0	4.0	0.0	33.6	32.6
768	1060.0	-140.0	4.0	0.0	33.4	32.4
769	1080.0	-140.0	4.0	0.0	33.2	32.2
770	1100.0	-140.0	4.0	0.0	33.0	32.0
771	1120.0	-140.0	4.0	0.0	32.9	31.9
772	1140.0	-140.0	4.0	0.0	32.9	31.9
773	1160.0	-140.0	4.0	0.0	33.0	31.5
774	1180.0	-140.0	4.0	0.0	33.1	31.9
775	1200.0	-140.0	4.0	0.0	32.6	31.3
776	1220.0	-140.0	4.0	0.0	32.4	31.1
777	1240.0	-140.0	4.0	0.0	32.4	31.2
778	1260.0	-140.0	4.0	0.0	32.7	31.6
779	1280.0	-140.0	4.0	0.0	33.3	32.5
780	1300.0	-140.0	4.0	0.0	33.2	32.4
781	1320.0	-140.0	4.0	0.0	33.1	32.3
782	1340.0	-140.0	4.0	0.0	35.8	35.4
783	1360.0	-140.0	4.0	0.0	36.3	36.0
784	1380.0	-140.0	4.0	0.0	36.3	36.0
785	1400.0	-140.0	4.0	0.0	36.1	35.8
786	1420.0	-140.0	4.0	0.0	33.9	33.4
787	1440.0	-140.0	4.0	0.0	32.2	31.5
788	1460.0	-140.0	4.0	0.0	31.1	30.3
789	1480.0	-140.0	4.0	0.0	30.7	29.9
790	1500.0	-140.0	4.0	0.0	30.4	29.6
791	1520.0	-140.0	4.0	0.0	30.2	29.3
792	1540.0	-140.0	4.0	0.0	30.0	29.1
793	1560.0	-140.0	4.0	0.0	29.9	29.0
794	1580.0	-140.0	4.0	0.0	29.7	28.9
795	1600.0	-140.0	4.0	0.0	29.6	28.7
796	1620.0	-140.0	4.0	0.0	29.4	28.5
797	1640.0	-140.0	4.0	0.0	29.8	29.1
798	1660.0	-140.0	4.0	0.0	31.8	31.3
799	1680.0	-140.0	4.0	0.0	31.9	31.5
800	1700.0	-140.0	4.0	0.0	31.7	31.3
801	1720.0	-140.0	4.0	0.0	31.9	31.6
802	1740.0	-140.0	4.0	0.0	32.0	31.6
803	1760.0	-140.0	4.0	0.0	31.9	31.5
804	1780.0	-140.0	4.0	0.0	31.8	31.4
805	1800.0	-140.0	4.0	0.0	31.6	31.2
806	1820.0	-140.0	4.0	0.0	31.5	31.1
807	1840.0	-140.0	4.0	0.0	31.4	31.0
808	1860.0	-140.0	4.0	0.0	31.3	30.9

809	1880.0	-140.0	4.0	0.0	31.4	30.8
810	1900.0	-140.0	4.0	0.0	31.3	30.6
811	1920.0	-140.0	4.0	0.0	31.2	30.6
812	1940.0	-140.0	4.0	0.0	31.3	30.7
813	1960.0	-140.0	4.0	0.0	30.2	29.5
814	1980.0	-140.0	4.0	0.0	27.9	26.6
815	2000.0	-140.0	4.0	0.0	27.0	24.5
816	2020.0	-140.0	4.0	0.0	26.8	24.3
817	0.0	-160.0	4.0	0.0	36.6	35.9
818	20.0	-160.0	4.0	0.0	36.8	36.1
819	40.0	-160.0	4.0	0.0	36.9	36.3
820	60.0	-160.0	4.0	0.0	37.1	36.4
821	80.0	-160.0	4.0	0.0	37.3	36.7
822	100.0	-160.0	4.0	0.0	37.5	36.9
823	120.0	-160.0	4.0	0.0	37.7	37.1
824	140.0	-160.0	4.0	0.0	38.1	37.4
825	160.0	-160.0	4.0	0.0	38.4	37.7
826	180.0	-160.0	4.0	0.0	38.7	38.0
827	200.0	-160.0	4.0	0.0	39.0	38.3
828	220.0	-160.0	4.0	0.0	39.3	38.6
829	240.0	-160.0	4.0	0.0	39.5	38.8
830	260.0	-160.0	4.0	0.0	39.6	38.9
831	280.0	-160.0	4.0	0.0	39.7	39.1
832	300.0	-160.0	4.0	0.0	40.2	39.3
833	320.0	-160.0	4.0	0.0	40.3	39.5
834	340.0	-160.0	4.0	0.0	40.4	39.7
835	360.0	-160.0	4.0	0.0	40.6	39.8
836	380.0	-160.0	4.0	0.0	40.7	40.0
837	400.0	-160.0	4.0	0.0	40.9	40.2
838	420.0	-160.0	4.0	0.0	41.0	40.3
839	440.0	-160.0	4.0	0.0	41.0	40.3
840	460.0	-160.0	4.0	0.0	41.1	40.4
841	480.0	-160.0	4.0	0.0	41.1	40.5
842	500.0	-160.0	4.0	0.0	41.1	40.5
843	520.0	-160.0	4.0	0.0	40.7	40.1
844	540.0	-160.0	4.0	0.0	40.0	39.4
846	580.0	-160.0	4.0	0.0	42.3	40.8
847	600.0	-160.0	4.0	0.0	41.7	40.3
848	620.0	-160.0	4.0	0.0	41.0	38.9
849	640.0	-160.0	4.0	0.0	40.2	37.9
850	660.0	-160.0	4.0	0.0	38.7	36.6
851	680.0	-160.0	4.0	0.0	38.0	36.2
852	700.0	-160.0	4.0	0.0	38.3	36.7
853	720.0	-160.0	4.0	0.0	38.1	36.3
854	740.0	-160.0	4.0	0.0	38.4	36.8
855	760.0	-160.0	4.0	0.0	38.1	36.6
856	780.0	-160.0	4.0	0.0	37.7	36.4
857	800.0	-160.0	4.0	0.0	36.0	34.4
858	820.0	-160.0	4.0	0.0	36.0	34.6
859	840.0	-160.0	4.0	0.0	35.6	34.1
860	860.0	-160.0	4.0	0.0	35.5	34.0
861	880.0	-160.0	4.0	0.0	35.6	34.2
862	900.0	-160.0	4.0	0.0	35.1	33.8
863	920.0	-160.0	4.0	0.0	34.9	33.6
864	940.0	-160.0	4.0	0.0	34.9	33.7
865	960.0	-160.0	4.0	0.0	35.8	34.9
866	980.0	-160.0	4.0	0.0	34.5	33.3
867	1000.0	-160.0	4.0	0.0	35.7	34.9
868	1020.0	-160.0	4.0	0.0	34.4	33.3
869	1040.0	-160.0	4.0	0.0	34.1	33.0
870	1060.0	-160.0	4.0	0.0	33.9	32.8
871	1080.0	-160.0	4.0	0.0	33.7	32.6
872	1100.0	-160.0	4.0	0.0	33.4	32.4
873	1120.0	-160.0	4.0	0.0	33.3	32.3
874	1140.0	-160.0	4.0	0.0	33.8	32.4
875	1160.0	-160.0	4.0	0.0	33.4	31.9
876	1180.0	-160.0	4.0	0.0	33.2	31.8
877	1200.0	-160.0	4.0	0.0	32.8	31.4
878	1220.0	-160.0	4.0	0.0	32.6	31.3
879	1240.0	-160.0	4.0	0.0	33.0	31.9
880	1260.0	-160.0	4.0	0.0	32.8	31.8
881	1280.0	-160.0	4.0	0.0	33.3	32.5
882	1300.0	-160.0	4.0	0.0	33.4	32.7
883	1320.0	-160.0	4.0	0.0	33.3	32.6

884	1340.0	-160.0	4.0	0.0	36.5	36.2
885	1360.0	-160.0	4.0	0.0	36.6	36.2
886	1380.0	-160.0	4.0	0.0	36.5	36.2
887	1400.0	-160.0	4.0	0.0	35.5	35.2
888	1420.0	-160.0	4.0	0.0	33.2	32.6
889	1440.0	-160.0	4.0	0.0	31.7	30.9
890	1460.0	-160.0	4.0	0.0	31.1	30.3
891	1480.0	-160.0	4.0	0.0	30.8	29.9
892	1500.0	-160.0	4.0	0.0	30.5	29.7
893	1520.0	-160.0	4.0	0.0	30.3	29.5
894	1540.0	-160.0	4.0	0.0	30.2	29.3
895	1560.0	-160.0	4.0	0.0	30.1	29.2
896	1580.0	-160.0	4.0	0.0	29.9	29.0
897	1600.0	-160.0	4.0	0.0	29.7	28.9
898	1620.0	-160.0	4.0	0.0	29.5	28.7
899	1640.0	-160.0	4.0	0.0	31.8	31.3
900	1660.0	-160.0	4.0	0.0	31.9	31.5
901	1680.0	-160.0	4.0	0.0	32.1	31.7
902	1700.0	-160.0	4.0	0.0	32.1	31.8
903	1720.0	-160.0	4.0	0.0	32.2	31.9
904	1740.0	-160.0	4.0	0.0	32.2	31.8
905	1760.0	-160.0	4.0	0.0	32.0	31.6
906	1780.0	-160.0	4.0	0.0	31.9	31.5
907	1800.0	-160.0	4.0	0.0	31.8	31.4
908	1820.0	-160.0	4.0	0.0	31.7	31.3
909	1840.0	-160.0	4.0	0.0	31.9	31.2
910	1860.0	-160.0	4.0	0.0	31.7	31.1
911	1880.0	-160.0	4.0	0.0	31.6	30.9
912	1900.0	-160.0	4.0	0.0	31.5	30.9
913	1920.0	-160.0	4.0	0.0	31.6	31.0
914	1940.0	-160.0	4.0	0.0	30.6	29.9
915	1960.0	-160.0	4.0	0.0	28.1	26.9
916	1980.0	-160.0	4.0	0.0	27.3	24.9
917	2000.0	-160.0	4.0	0.0	27.0	24.6
918	2020.0	-160.0	4.0	0.0	26.9	24.4
919	0.0	-180.0	4.0	0.0	36.7	36.1
920	20.0	-180.0	4.0	0.0	36.8	36.2
921	40.0	-180.0	4.0	0.0	37.0	36.4
922	60.0	-180.0	4.0	0.0	37.1	36.6
923	80.0	-180.0	4.0	0.0	37.4	36.8
924	100.0	-180.0	4.0	0.0	37.6	37.0
925	120.0	-180.0	4.0	0.0	37.8	37.2
926	140.0	-180.0	4.0	0.0	38.2	37.5
927	160.0	-180.0	4.0	0.0	38.5	37.8
928	180.0	-180.0	4.0	0.0	38.9	38.2
929	200.0	-180.0	4.0	0.0	39.1	38.5
930	220.0	-180.0	4.0	0.0	39.3	38.7
931	240.0	-180.0	4.0	0.0	39.6	38.9
932	260.0	-180.0	4.0	0.0	39.8	39.0
933	280.0	-180.0	4.0	0.0	40.0	39.3
934	300.0	-180.0	4.0	0.0	40.2	39.5
935	320.0	-180.0	4.0	0.0	40.6	39.7
936	340.0	-180.0	4.0	0.0	40.7	39.9
937	360.0	-180.0	4.0	0.0	40.8	40.0
938	380.0	-180.0	4.0	0.0	41.0	40.3
939	400.0	-180.0	4.0	0.0	41.2	40.5
940	420.0	-180.0	4.0	0.0	41.4	40.7
941	440.0	-180.0	4.0	0.0	41.6	40.9
942	460.0	-180.0	4.0	0.0	41.5	40.8
943	480.0	-180.0	4.0	0.0	41.5	40.9
944	500.0	-180.0	4.0	0.0	41.6	41.0
945	520.0	-180.0	4.0	0.0	41.2	40.6
946	540.0	-180.0	4.0	0.0	40.6	40.0
948	580.0	-180.0	4.0	0.0	43.0	41.5
949	600.0	-180.0	4.0	0.0	42.4	40.9
950	620.0	-180.0	4.0	0.0	41.6	39.7
951	640.0	-180.0	4.0	0.0	41.0	38.9
952	660.0	-180.0	4.0	0.0	39.4	37.6
953	680.0	-180.0	4.0	0.0	38.1	36.3
954	700.0	-180.0	4.0	0.0	38.5	36.8
955	720.0	-180.0	4.0	0.0	38.2	36.5
956	740.0	-180.0	4.0	0.0	38.4	37.0
957	760.0	-180.0	4.0	0.0	38.2	36.9
958	780.0	-180.0	4.0	0.0	38.2	37.1

959	800.0	-180.0	4.0	0.0	36.2	34.8
960	820.0	-180.0	4.0	0.0	36.4	35.2
961	840.0	-180.0	4.0	0.0	35.9	34.7
962	860.0	-180.0	4.0	0.0	35.6	34.3
963	880.0	-180.0	4.0	0.0	35.8	34.5
964	900.0	-180.0	4.0	0.0	35.6	34.3
965	920.0	-180.0	4.0	0.0	35.5	34.1
966	940.0	-180.0	4.0	0.0	35.7	34.4
967	960.0	-180.0	4.0	0.0	38.2	37.6
968	980.0	-180.0	4.0	0.0	35.1	33.8
969	1000.0	-180.0	4.0	0.0	35.3	34.2
970	1020.0	-180.0	4.0	0.0	34.9	33.7
971	1040.0	-180.0	4.0	0.0	34.6	33.4
972	1060.0	-180.0	4.0	0.0	34.3	33.2
973	1080.0	-180.0	4.0	0.0	34.1	33.0
974	1100.0	-180.0	4.0	0.0	33.8	32.8
975	1120.0	-180.0	4.0	0.0	34.1	32.7
976	1140.0	-180.0	4.0	0.0	33.8	32.3
977	1160.0	-180.0	4.0	0.0	33.7	32.3
978	1180.0	-180.0	4.0	0.0	33.3	32.1
979	1200.0	-180.0	4.0	0.0	33.0	31.7
980	1220.0	-180.0	4.0	0.0	32.8	31.5
981	1240.0	-180.0	4.0	0.0	33.2	32.2
982	1260.0	-180.0	4.0	0.0	32.8	31.8
983	1280.0	-180.0	4.0	0.0	33.6	32.8
984	1300.0	-180.0	4.0	0.0	33.4	32.6
985	1320.0	-180.0	4.0	0.0	34.3	33.6
986	1340.0	-180.0	4.0	0.0	36.9	36.6
987	1360.0	-180.0	4.0	0.0	36.9	36.6
988	1380.0	-180.0	4.0	0.0	36.9	36.6
989	1400.0	-180.0	4.0	0.0	34.6	34.2
990	1420.0	-180.0	4.0	0.0	32.6	31.9
991	1440.0	-180.0	4.0	0.0	31.5	30.6
992	1460.0	-180.0	4.0	0.0	31.1	30.2
993	1480.0	-180.0	4.0	0.0	30.9	30.0
994	1500.0	-180.0	4.0	0.0	30.7	29.9
995	1520.0	-180.0	4.0	0.0	30.6	29.7
996	1540.0	-180.0	4.0	0.0	30.4	29.5
997	1560.0	-180.0	4.0	0.0	30.2	29.3
998	1580.0	-180.0	4.0	0.0	30.1	29.2
999	1600.0	-180.0	4.0	0.0	29.9	29.0
1000	1620.0	-180.0	4.0	0.0	31.3	30.7
1001	1640.0	-180.0	4.0	0.0	32.3	31.8
1002	1660.0	-180.0	4.0	0.0	32.1	31.7
1003	1680.0	-180.0	4.0	0.0	32.3	32.0
1004	1700.0	-180.0	4.0	0.0	32.6	32.2
1005	1720.0	-180.0	4.0	0.0	32.5	32.1
1006	1740.0	-180.0	4.0	0.0	32.3	31.9
1007	1760.0	-180.0	4.0	0.0	32.2	31.8
1008	1780.0	-180.0	4.0	0.0	32.1	31.7
1009	1800.0	-180.0	4.0	0.0	32.0	31.6
1010	1820.0	-180.0	4.0	0.0	32.1	31.5
1011	1840.0	-180.0	4.0	0.0	32.0	31.4
1012	1860.0	-180.0	4.0	0.0	31.9	31.2
1013	1880.0	-180.0	4.0	0.0	31.8	31.2
1014	1900.0	-180.0	4.0	0.0	31.9	31.3
1015	1920.0	-180.0	4.0	0.0	30.9	30.2
1016	1940.0	-180.0	4.0	0.0	28.5	27.3
1017	1960.0	-180.0	4.0	0.0	27.6	25.3
1018	1980.0	-180.0	4.0	0.0	27.3	24.9
1019	2000.0	-180.0	4.0	0.0	27.4	24.6
1020	2020.0	-180.0	4.0	0.0	27.2	24.5
1021	0.0	-200.0	4.0	0.0	36.8	36.1
1022	20.0	-200.0	4.0	0.0	36.9	36.3
1023	40.0	-200.0	4.0	0.0	37.1	36.5
1024	60.0	-200.0	4.0	0.0	37.3	36.7
1025	80.0	-200.0	4.0	0.0	37.4	36.9
1026	100.0	-200.0	4.0	0.0	37.7	37.1
1027	120.0	-200.0	4.0	0.0	37.9	37.3
1028	140.0	-200.0	4.0	0.0	38.3	37.7
1029	160.0	-200.0	4.0	0.0	38.6	38.0
1030	180.0	-200.0	4.0	0.0	39.0	38.4
1031	200.0	-200.0	4.0	0.0	39.2	38.6
1032	220.0	-200.0	4.0	0.0	39.4	38.8

1033	240.0	-200.0	4.0	0.0	39.7	39.0
1034	260.0	-200.0	4.0	0.0	39.9	39.2
1035	280.0	-200.0	4.0	0.0	40.1	39.4
1036	300.0	-200.0	4.0	0.0	40.3	39.6
1037	320.0	-200.0	4.0	0.0	40.8	39.9
1038	340.0	-200.0	4.0	0.0	41.0	40.1
1039	360.0	-200.0	4.0	0.0	41.2	40.3
1040	380.0	-200.0	4.0	0.0	41.3	40.5
1041	400.0	-200.0	4.0	0.0	41.5	40.7
1042	420.0	-200.0	4.0	0.0	41.7	41.0
1043	440.0	-200.0	4.0	0.0	41.9	41.2
1044	460.0	-200.0	4.0	0.0	42.1	41.4
1045	480.0	-200.0	4.0	0.0	42.1	41.5
1046	500.0	-200.0	4.0	0.0	42.0	41.5
1047	520.0	-200.0	4.0	0.0	41.7	41.2
1048	540.0	-200.0	4.0	0.0	41.0	40.4
1050	580.0	-200.0	4.0	0.0	43.6	42.3
1051	600.0	-200.0	4.0	0.0	43.1	41.7
1052	620.0	-200.0	4.0	0.0	42.2	40.4
1053	640.0	-200.0	4.0	0.0	41.4	39.8
1054	660.0	-200.0	4.0	0.0	40.1	38.5
1055	680.0	-200.0	4.0	0.0	36.8	34.5
1056	700.0	-200.0	4.0	0.0	35.4	34.0
1057	720.0	-200.0	4.0	0.0	35.7	34.4
1058	740.0	-200.0	4.0	0.0	35.8	34.4
1059	760.0	-200.0	4.0	0.0	36.1	35.0
1060	780.0	-200.0	4.0	0.0	36.0	34.8
1061	800.0	-200.0	4.0	0.0	36.3	35.1
1062	820.0	-200.0	4.0	0.0	36.8	35.7
1063	840.0	-200.0	4.0	0.0	36.5	35.2
1064	860.0	-200.0	4.0	0.0	36.4	34.9
1065	880.0	-200.0	4.0	0.0	36.4	34.8
1066	900.0	-200.0	4.0	0.0	36.1	34.6
1067	920.0	-200.0	4.0	0.0	36.3	34.8
1068	940.0	-200.0	4.0	0.0	36.3	34.9
1069	960.0	-200.0	4.0	0.0	38.6	37.9
1070	980.0	-200.0	4.0	0.0	35.7	34.3
1071	1000.0	-200.0	4.0	0.0	35.5	34.3
1072	1020.0	-200.0	4.0	0.0	35.3	34.2
1073	1040.0	-200.0	4.0	0.0	35.0	33.8
1074	1060.0	-200.0	4.0	0.0	34.6	33.6
1075	1080.0	-200.0	4.0	0.0	34.4	33.4
1076	1100.0	-200.0	4.0	0.0	34.6	33.2
1077	1120.0	-200.0	4.0	0.0	34.4	33.1
1078	1140.0	-200.0	4.0	0.0	34.0	32.7
1079	1160.0	-200.0	4.0	0.0	33.9	32.6
1080	1180.0	-200.0	4.0	0.0	33.6	32.4
1081	1200.0	-200.0	4.0	0.0	33.3	32.1
1082	1220.0	-200.0	4.0	0.0	33.1	31.9
1083	1240.0	-200.0	4.0	0.0	33.4	32.3
1084	1260.0	-200.0	4.0	0.0	33.5	32.6
1085	1280.0	-200.0	4.0	0.0	33.6	32.8
1086	1300.0	-200.0	4.0	0.0	33.7	33.0
1087	1320.0	-200.0	4.0	0.0	35.7	35.2
1088	1340.0	-200.0	4.0	0.0	37.2	36.9
1089	1360.0	-200.0	4.0	0.0	37.2	36.9
1090	1380.0	-200.0	4.0	0.0	37.1	36.7
1091	1400.0	-200.0	4.0	0.0	31.9	31.0
1092	1420.0	-200.0	4.0	0.0	31.6	30.8
1093	1440.0	-200.0	4.0	0.0	31.4	30.6
1094	1460.0	-200.0	4.0	0.0	31.2	30.4
1095	1480.0	-200.0	4.0	0.0	31.1	30.2
1096	1500.0	-200.0	4.0	0.0	30.9	30.0
1097	1520.0	-200.0	4.0	0.0	30.7	29.8
1098	1540.0	-200.0	4.0	0.0	30.6	29.7
1099	1560.0	-200.0	4.0	0.0	30.4	29.5
1100	1580.0	-200.0	4.0	0.0	30.2	29.4
1101	1600.0	-200.0	4.0	0.0	30.1	29.2
1102	1620.0	-200.0	4.0	0.0	32.6	32.2
1103	1640.0	-200.0	4.0	0.0	32.4	32.0
1104	1660.0	-200.0	4.0	0.0	32.4	32.0
1105	1680.0	-200.0	4.0	0.0	32.7	32.4
1106	1700.0	-200.0	4.0	0.0	32.9	32.5
1107	1720.0	-200.0	4.0	0.0	32.6	32.3



1108	1740.0	-200.0	4.0	0.0	32.5	32.1
1109	1760.0	-200.0	4.0	0.0	32.4	32.0
1110	1780.0	-200.0	4.0	0.0	32.3	31.9
1111	1800.0	-200.0	4.0	0.0	32.4	31.8
1112	1820.0	-200.0	4.0	0.0	32.3	31.6
1113	1840.0	-200.0	4.0	0.0	32.1	31.5
1114	1860.0	-200.0	4.0	0.0	32.1	31.5
1115	1880.0	-200.0	4.0	0.0	32.2	31.6
1116	1900.0	-200.0	4.0	0.0	31.2	30.5
1117	1920.0	-200.0	4.0	0.0	29.3	27.7
1118	1940.0	-200.0	4.0	0.0	28.0	25.8
1119	1960.0	-200.0	4.0	0.0	27.7	25.4
1120	1980.0	-200.0	4.0	0.0	27.7	24.9
1121	2000.0	-200.0	4.0	0.0	27.5	24.7
1122	2020.0	-200.0	4.0	0.0	27.2	24.5
1123	0.0	-220.0	4.0	0.0	36.8	36.1
1124	20.0	-220.0	4.0	0.0	37.0	36.4
1125	40.0	-220.0	4.0	0.0	37.2	36.6
1126	60.0	-220.0	4.0	0.0	37.4	36.8
1127	80.0	-220.0	4.0	0.0	37.6	37.0
1128	100.0	-220.0	4.0	0.0	37.8	37.2
1129	120.0	-220.0	4.0	0.0	38.0	37.4
1130	140.0	-220.0	4.0	0.0	38.4	37.9
1131	160.0	-220.0	4.0	0.0	38.6	38.1
1132	180.0	-220.0	4.0	0.0	39.0	38.5
1133	200.0	-220.0	4.0	0.0	39.2	38.7
1134	220.0	-220.0	4.0	0.0	39.5	39.0
1135	240.0	-220.0	4.0	0.0	39.8	39.2
1136	260.0	-220.0	4.0	0.0	40.0	39.3
1137	280.0	-220.0	4.0	0.0	40.2	39.6
1138	300.0	-220.0	4.0	0.0	40.5	39.8
1139	320.0	-220.0	4.0	0.0	40.7	40.1
1140	340.0	-220.0	4.0	0.0	41.2	40.3
1141	360.0	-220.0	4.0	0.0	41.4	40.5
1142	380.0	-220.0	4.0	0.0	41.6	40.7
1143	400.0	-220.0	4.0	0.0	41.9	41.0
1144	420.0	-220.0	4.0	0.0	42.1	41.2
1145	440.0	-220.0	4.0	0.0	42.2	41.5
1146	460.0	-220.0	4.0	0.0	42.4	41.7
1147	480.0	-220.0	4.0	0.0	42.7	41.9
1148	500.0	-220.0	4.0	0.0	42.7	42.1
1149	520.0	-220.0	4.0	0.0	42.2	41.7
1150	540.0	-220.0	4.0	0.0	41.3	40.7
1152	580.0	-220.0	4.0	0.0	44.3	43.1
1153	600.0	-220.0	4.0	0.0	43.8	42.5
1154	620.0	-220.0	4.0	0.0	42.9	41.2
1155	640.0	-220.0	4.0	0.0	42.1	40.6
1156	660.0	-220.0	4.0	0.0	40.9	39.4
1157	680.0	-220.0	4.0	0.0	36.4	34.4
1158	700.0	-220.0	4.0	0.0	35.8	34.5
1159	720.0	-220.0	4.0	0.0	35.8	34.5
1160	740.0	-220.0	4.0	0.0	35.9	34.6
1161	760.0	-220.0	4.0	0.0	36.1	34.9
1162	780.0	-220.0	4.0	0.0	36.3	35.1
1163	800.0	-220.0	4.0	0.0	36.8	35.4
1164	820.0	-220.0	4.0	0.0	37.4	36.1
1165	840.0	-220.0	4.0	0.0	37.2	35.7
1166	860.0	-220.0	4.0	0.0	37.1	35.5
1167	880.0	-220.0	4.0	0.0	37.1	35.4
1168	900.0	-220.0	4.0	0.0	36.7	34.9
1169	920.0	-220.0	4.0	0.0	36.9	35.3
1170	940.0	-220.0	4.0	0.0	36.7	35.1
1171	960.0	-220.0	4.0	0.0	36.6	35.2
1172	980.0	-220.0	4.0	0.0	36.1	34.8
1173	1000.0	-220.0	4.0	0.0	35.9	34.6
1174	1020.0	-220.0	4.0	0.0	35.7	34.6
1175	1040.0	-220.0	4.0	0.0	35.3	34.2
1176	1060.0	-220.0	4.0	0.0	35.0	34.0
1177	1080.0	-220.0	4.0	0.0	35.2	33.8
1178	1100.0	-220.0	4.0	0.0	35.0	33.6
1179	1120.0	-220.0	4.0	0.0	34.8	33.5
1180	1140.0	-220.0	4.0	0.0	34.4	33.0
1181	1160.0	-220.0	4.0	0.0	34.3	32.9
1182	1180.0	-220.0	4.0	0.0	34.0	32.7

1183	1200.0	-220.0	4.0	0.0	33.7	32.5
1184	1220.0	-220.0	4.0	0.0	33.4	32.1
1185	1240.0	-220.0	4.0	0.0	33.7	32.6
1186	1260.0	-220.0	4.0	0.0	33.8	32.8
1187	1280.0	-220.0	4.0	0.0	33.8	33.0
1188	1300.0	-220.0	4.0	0.0	34.1	33.3
1189	1320.0	-220.0	4.0	0.0	35.9	35.4
1190	1340.0	-220.0	4.0	0.0	37.6	37.2
1191	1360.0	-220.0	4.0	0.0	37.4	37.1
1192	1380.0	-220.0	4.0	0.0	37.4	37.1
1193	1400.0	-220.0	4.0	0.0	32.1	31.2
1194	1420.0	-220.0	4.0	0.0	31.8	30.9
1195	1440.0	-220.0	4.0	0.0	31.6	30.7
1196	1460.0	-220.0	4.0	0.0	31.4	30.6
1197	1480.0	-220.0	4.0	0.0	31.3	30.4
1198	1500.0	-220.0	4.0	0.0	31.1	30.2
1199	1520.0	-220.0	4.0	0.0	30.9	30.1
1200	1540.0	-220.0	4.0	0.0	30.8	29.9
1201	1560.0	-220.0	4.0	0.0	30.6	29.8
1202	1580.0	-220.0	4.0	0.0	30.4	29.6
1203	1600.0	-220.0	4.0	0.0	32.6	32.1
1204	1620.0	-220.0	4.0	0.0	32.7	32.3
1205	1640.0	-220.0	4.0	0.0	32.6	32.1
1206	1660.0	-220.0	4.0	0.0	32.7	32.3
1207	1680.0	-220.0	4.0	0.0	33.1	32.7
1208	1700.0	-220.0	4.0	0.0	33.1	32.7
1209	1720.0	-220.0	4.0	0.0	32.9	32.5
1210	1740.0	-220.0	4.0	0.0	32.7	32.3
1211	1760.0	-220.0	4.0	0.0	32.6	32.2
1212	1780.0	-220.0	4.0	0.0	32.8	32.1
1213	1800.0	-220.0	4.0	0.0	32.6	32.0
1214	1820.0	-220.0	4.0	0.0	32.4	31.8
1215	1840.0	-220.0	4.0	0.0	32.4	31.7
1216	1860.0	-220.0	4.0	0.0	32.4	31.9
1217	1880.0	-220.0	4.0	0.0	32.0	31.4
1218	1900.0	-220.0	4.0	0.0	29.6	28.0
1219	1920.0	-220.0	4.0	0.0	28.4	26.2
1220	1940.0	-220.0	4.0	0.0	28.4	25.9
1221	1960.0	-220.0	4.0	0.0	28.1	25.4
1222	1980.0	-220.0	4.0	0.0	27.7	25.0
1223	2000.0	-220.0	4.0	0.0	27.5	24.8
1224	2020.0	-220.0	4.0	0.0	27.3	24.6
1225	0.0	-240.0	4.0	0.0	36.8	36.2
1226	20.0	-240.0	4.0	0.0	37.1	36.5
1227	40.0	-240.0	4.0	0.0	37.3	36.7
1228	60.0	-240.0	4.0	0.0	37.5	36.9
1229	80.0	-240.0	4.0	0.0	37.7	37.1
1230	100.0	-240.0	4.0	0.0	37.9	37.3
1231	120.0	-240.0	4.0	0.0	38.1	37.5
1232	140.0	-240.0	4.0	0.0	38.5	38.0
1233	160.0	-240.0	4.0	0.0	38.7	38.2
1234	180.0	-240.0	4.0	0.0	39.1	38.6
1235	200.0	-240.0	4.0	0.0	39.4	38.9
1236	220.0	-240.0	4.0	0.0	39.6	39.1
1237	240.0	-240.0	4.0	0.0	39.8	39.3
1238	260.0	-240.0	4.0	0.0	40.0	39.5
1239	280.0	-240.0	4.0	0.0	40.3	39.7
1240	300.0	-240.0	4.0	0.0	40.5	40.0
1241	320.0	-240.0	4.0	0.0	40.8	40.2
1242	340.0	-240.0	4.0	0.0	41.2	40.5
1243	360.0	-240.0	4.0	0.0	41.6	40.7
1244	380.0	-240.0	4.0	0.0	41.8	41.0
1245	400.0	-240.0	4.0	0.0	42.0	41.2
1246	420.0	-240.0	4.0	0.0	42.3	41.4
1247	440.0	-240.0	4.0	0.0	42.6	41.7
1248	460.0	-240.0	4.0	0.0	42.9	42.0
1249	480.0	-240.0	4.0	0.0	43.1	42.3
1250	500.0	-240.0	4.0	0.0	43.1	42.5
1251	520.0	-240.0	4.0	0.0	43.0	42.4
1252	540.0	-240.0	4.0	0.0	41.7	41.1
1254	580.0	-240.0	4.0	0.0	44.8	43.6
1255	600.0	-240.0	4.0	0.0	44.4	43.1
1256	620.0	-240.0	4.0	0.0	43.7	42.2
1257	640.0	-240.0	4.0	0.0	42.8	41.3

1258	660.0	-240.0	4.0	0.0	41.2	40.3
1259	680.0	-240.0	4.0	0.0	35.6	34.4
1260	700.0	-240.0	4.0	0.0	35.7	34.4
1261	720.0	-240.0	4.0	0.0	36.4	35.0
1262	740.0	-240.0	4.0	0.0	36.8	35.3
1263	760.0	-240.0	4.0	0.0	36.6	35.2
1264	780.0	-240.0	4.0	0.0	37.0	35.6
1265	800.0	-240.0	4.0	0.0	37.2	35.6
1266	820.0	-240.0	4.0	0.0	38.0	36.6
1267	840.0	-240.0	4.0	0.0	37.7	35.9
1268	860.0	-240.0	4.0	0.0	37.8	35.9
1269	880.0	-240.0	4.0	0.0	37.7	35.9
1270	900.0	-240.0	4.0	0.0	37.5	35.6
1271	920.0	-240.0	4.0	0.0	37.3	35.5
1272	940.0	-240.0	4.0	0.0	37.4	35.8
1273	960.0	-240.0	4.0	0.0	37.1	35.5
1274	980.0	-240.0	4.0	0.0	36.7	35.3
1275	1000.0	-240.0	4.0	0.0	36.4	35.2
1276	1020.0	-240.0	4.0	0.0	36.2	35.0
1277	1040.0	-240.0	4.0	0.0	35.8	34.6
1278	1060.0	-240.0	4.0	0.0	35.9	34.4
1279	1080.0	-240.0	4.0	0.0	35.6	34.1
1280	1100.0	-240.0	4.0	0.0	35.4	34.0
1281	1120.0	-240.0	4.0	0.0	35.2	33.9
1282	1140.0	-240.0	4.0	0.0	34.7	33.3
1283	1160.0	-240.0	4.0	0.0	34.6	33.3
1284	1180.0	-240.0	4.0	0.0	34.3	33.1
1285	1200.0	-240.0	4.0	0.0	34.0	32.9
1286	1220.0	-240.0	4.0	0.0	33.6	32.4
1287	1240.0	-240.0	4.0	0.0	33.9	32.9
1288	1260.0	-240.0	4.0	0.0	34.3	33.4
1289	1280.0	-240.0	4.0	0.0	34.2	33.4
1290	1300.0	-240.0	4.0	0.0	34.3	33.5
1291	1320.0	-240.0	4.0	0.0	36.4	36.0
1292	1340.0	-240.0	4.0	0.0	37.3	37.0
1293	1360.0	-240.0	4.0	0.0	37.8	37.5
1294	1380.0	-240.0	4.0	0.0	37.8	37.5
1295	1400.0	-240.0	4.0	0.0	32.2	31.4
1296	1420.0	-240.0	4.0	0.0	32.0	31.1
1297	1440.0	-240.0	4.0	0.0	31.8	30.9
1298	1460.0	-240.0	4.0	0.0	31.6	30.8
1299	1480.0	-240.0	4.0	0.0	31.5	30.6
1300	1500.0	-240.0	4.0	0.0	31.3	30.4
1301	1520.0	-240.0	4.0	0.0	31.1	30.3
1302	1540.0	-240.0	4.0	0.0	31.0	30.1
1303	1560.0	-240.0	4.0	0.0	30.8	30.0
1304	1580.0	-240.0	4.0	0.0	31.2	30.4
1305	1600.0	-240.0	4.0	0.0	33.1	32.7
1306	1620.0	-240.0	4.0	0.0	32.9	32.5
1307	1640.0	-240.0	4.0	0.0	32.8	32.4
1308	1660.0	-240.0	4.0	0.0	33.2	32.8
1309	1680.0	-240.0	4.0	0.0	33.3	32.9
1310	1700.0	-240.0	4.0	0.0	33.3	32.9
1311	1720.0	-240.0	4.0	0.0	33.1	32.7
1312	1740.0	-240.0	4.0	0.0	32.9	32.5
1313	1760.0	-240.0	4.0	0.0	33.1	32.4
1314	1780.0	-240.0	4.0	0.0	32.9	32.3
1315	1800.0	-240.0	4.0	0.0	32.8	32.1
1316	1820.0	-240.0	4.0	0.0	32.7	32.0
1317	1840.0	-240.0	4.0	0.0	32.7	32.1
1318	1860.0	-240.0	4.0	0.0	32.3	31.7
1319	1880.0	-240.0	4.0	0.0	29.9	28.2
1320	1900.0	-240.0	4.0	0.0	28.7	26.5
1321	1920.0	-240.0	4.0	0.0	28.7	26.3
1322	1940.0	-240.0	4.0	0.0	28.4	25.8
1323	1960.0	-240.0	4.0	0.0	28.1	25.5
1324	1980.0	-240.0	4.0	0.0	27.7	25.1
1325	2000.0	-240.0	4.0	0.0	27.5	24.9
1326	2020.0	-240.0	4.0	0.0	27.3	24.7
1327	0.0	-260.0	4.0	0.0	37.0	36.3
1328	20.0	-260.0	4.0	0.0	37.1	36.5
1329	40.0	-260.0	4.0	0.0	37.4	36.7
1330	60.0	-260.0	4.0	0.0	37.6	36.9
1331	80.0	-260.0	4.0	0.0	37.8	37.2

1332	100.0	-260.0	4.0	0.0	38.0	37.4
1333	120.0	-260.0	4.0	0.0	38.2	37.6
1334	140.0	-260.0	4.0	0.0	38.6	38.1
1335	160.0	-260.0	4.0	0.0	38.9	38.3
1336	180.0	-260.0	4.0	0.0	39.2	38.7
1337	200.0	-260.0	4.0	0.0	39.5	39.0
1338	220.0	-260.0	4.0	0.0	39.7	39.2
1339	240.0	-260.0	4.0	0.0	39.9	39.4
1340	260.0	-260.0	4.0	0.0	40.1	39.6
1341	280.0	-260.0	4.0	0.0	40.4	39.9
1342	300.0	-260.0	4.0	0.0	40.7	40.1
1343	320.0	-260.0	4.0	0.0	41.0	40.4
1344	340.0	-260.0	4.0	0.0	41.2	40.7
1345	360.0	-260.0	4.0	0.0	41.5	41.0
1346	380.0	-260.0	4.0	0.0	41.9	41.2
1347	400.0	-260.0	4.0	0.0	42.2	41.5
1348	420.0	-260.0	4.0	0.0	42.5	41.7
1349	440.0	-260.0	4.0	0.0	42.7	41.9
1350	460.0	-260.0	4.0	0.0	43.0	42.2
1351	480.0	-260.0	4.0	0.0	43.3	42.5
1352	500.0	-260.0	4.0	0.0	43.5	42.8
1353	520.0	-260.0	4.0	0.0	43.5	42.8
1354	540.0	-260.0	4.0	0.0	43.4	42.9
1356	580.0	-260.0	4.0	0.0	45.1	43.8
1357	600.0	-260.0	4.0	0.0	44.7	43.8
1358	620.0	-260.0	4.0	0.0	43.8	43.0
1359	640.0	-260.0	4.0	0.0	43.1	42.1
1360	660.0	-260.0	4.0	0.0	42.6	41.3
1361	680.0	-260.0	4.0	0.0	35.9	34.5
1362	700.0	-260.0	4.0	0.0	36.0	34.5
1363	720.0	-260.0	4.0	0.0	36.3	34.7
1364	740.0	-260.0	4.0	0.0	36.8	35.4
1365	760.0	-260.0	4.0	0.0	36.9	35.4
1366	780.0	-260.0	4.0	0.0	37.3	35.8
1367	800.0	-260.0	4.0	0.0	37.7	36.0
1368	820.0	-260.0	4.0	0.0	38.7	37.1
1369	840.0	-260.0	4.0	0.0	38.3	36.1
1370	860.0	-260.0	4.0	0.0	38.4	36.2
1371	880.0	-260.0	4.0	0.0	38.6	36.3
1372	900.0	-260.0	4.0	0.0	38.5	36.2
1373	920.0	-260.0	4.0	0.0	38.2	36.0
1374	940.0	-260.0	4.0	0.0	38.1	36.2
1375	960.0	-260.0	4.0	0.0	37.8	36.2
1376	980.0	-260.0	4.0	0.0	40.1	39.4
1377	1000.0	-260.0	4.0	0.0	36.9	35.5
1378	1020.0	-260.0	4.0	0.0	36.7	35.5
1379	1040.0	-260.0	4.0	0.0	36.2	35.1
1380	1060.0	-260.0	4.0	0.0	36.4	34.8
1381	1080.0	-260.0	4.0	0.0	36.0	34.6
1382	1100.0	-260.0	4.0	0.0	35.7	34.4
1383	1120.0	-260.0	4.0	0.0	35.6	34.3
1384	1140.0	-260.0	4.0	0.0	35.0	33.7
1385	1160.0	-260.0	4.0	0.0	35.0	33.6
1386	1180.0	-260.0	4.0	0.0	34.6	33.4
1387	1200.0	-260.0	4.0	0.0	34.3	33.1
1388	1220.0	-260.0	4.0	0.0	34.1	33.0
1389	1240.0	-260.0	4.0	0.0	34.2	33.2
1390	1260.0	-260.0	4.0	0.0	34.5	33.7
1391	1280.0	-260.0	4.0	0.0	34.7	34.0
1392	1300.0	-260.0	4.0	0.0	34.6	33.9
1393	1320.0	-260.0	4.0	0.0	36.1	35.6
1394	1340.0	-260.0	4.0	0.0	36.8	36.4
1395	1360.0	-260.0	4.0	0.0	38.2	37.9
1396	1380.0	-260.0	4.0	0.0	35.3	34.8
1397	1400.0	-260.0	4.0	0.0	32.4	31.6
1398	1420.0	-260.0	4.0	0.0	32.2	31.3
1399	1440.0	-260.0	4.0	0.0	32.0	31.1
1400	1460.0	-260.0	4.0	0.0	31.9	31.0
1401	1480.0	-260.0	4.0	0.0	31.7	30.8
1402	1500.0	-260.0	4.0	0.0	31.5	30.6
1403	1520.0	-260.0	4.0	0.0	31.3	30.4
1404	1540.0	-260.0	4.0	0.0	31.1	30.3
1405	1560.0	-260.0	4.0	0.0	30.9	30.1
1406	1580.0	-260.0	4.0	0.0	33.5	33.0

1407	1600.0	-260.0	4.0	0.0	33.2	32.8
1408	1620.0	-260.0	4.0	0.0	33.1	32.7
1409	1640.0	-260.0	4.0	0.0	33.2	32.8
1410	1660.0	-260.0	4.0	0.0	33.6	33.2
1411	1680.0	-260.0	4.0	0.0	33.5	33.1
1412	1700.0	-260.0	4.0	0.0	33.4	33.1
1413	1720.0	-260.0	4.0	0.0	33.3	33.0
1414	1740.0	-260.0	4.0	0.0	33.4	32.7
1415	1760.0	-260.0	4.0	0.0	33.2	32.6
1416	1780.0	-260.0	4.0	0.0	33.1	32.4
1417	1800.0	-260.0	4.0	0.0	33.0	32.3
1418	1820.0	-260.0	4.0	0.0	33.0	32.4
1419	1840.0	-260.0	4.0	0.0	32.8	32.0
1420	1860.0	-260.0	4.0	0.0	30.1	28.5
1421	1880.0	-260.0	4.0	0.0	29.2	26.8
1422	1900.0	-260.0	4.0	0.0	29.0	26.6
1423	1920.0	-260.0	4.0	0.0	28.8	26.3
1424	1940.0	-260.0	4.0	0.0	28.4	25.9
1425	1960.0	-260.0	4.0	0.0	28.2	25.7
1426	1980.0	-260.0	4.0	0.0	27.8	25.1
1427	2000.0	-260.0	4.0	0.0	27.6	24.9
1428	2020.0	-260.0	4.0	0.0	27.4	24.7
1429	0.0	-280.0	4.0	0.0	37.2	36.5
1430	20.0	-280.0	4.0	0.0	37.3	36.6
1431	40.0	-280.0	4.0	0.0	41.2	41.0
1432	60.0	-280.0	4.0	0.0	37.7	37.0
1433	80.0	-280.0	4.0	0.0	37.9	37.3
1434	100.0	-280.0	4.0	0.0	38.1	37.5
1435	120.0	-280.0	4.0	0.0	38.4	37.8
1436	140.0	-280.0	4.0	0.0	38.7	38.1
1437	160.0	-280.0	4.0	0.0	39.0	38.5
1438	180.0	-280.0	4.0	0.0	39.3	38.8
1439	200.0	-280.0	4.0	0.0	39.6	39.1
1440	220.0	-280.0	4.0	0.0	39.8	39.3
1441	240.0	-280.0	4.0	0.0	40.0	39.5
1442	260.0	-280.0	4.0	0.0	40.2	39.7
1443	280.0	-280.0	4.0	0.0	40.5	40.0
1444	300.0	-280.0	4.0	0.0	40.8	40.3
1445	320.0	-280.0	4.0	0.0	41.1	40.6
1446	340.0	-280.0	4.0	0.0	41.4	40.8
1447	360.0	-280.0	4.0	0.0	41.7	41.1
1448	380.0	-280.0	4.0	0.0	42.1	41.4
1449	400.0	-280.0	4.0	0.0	42.4	41.6
1450	420.0	-280.0	4.0	0.0	42.6	41.9
1451	440.0	-280.0	4.0	0.0	42.9	42.2
1452	460.0	-280.0	4.0	0.0	43.1	42.5
1453	480.0	-280.0	4.0	0.0	43.4	42.8
1454	500.0	-280.0	4.0	0.0	44.2	43.1
1455	520.0	-280.0	4.0	0.0	44.0	43.1
1456	540.0	-280.0	4.0	0.0	42.6	42.1
1458	580.0	-280.0	4.0	0.0	46.0	44.8
1459	600.0	-280.0	4.0	0.0	46.0	44.8
1460	620.0	-280.0	4.0	0.0	45.2	44.0
1461	640.0	-280.0	4.0	0.0	44.3	43.0
1462	660.0	-280.0	4.0	0.0	43.4	42.1
1463	680.0	-280.0	4.0	0.0	35.7	34.3
1464	700.0	-280.0	4.0	0.0	35.8	34.2
1465	720.0	-280.0	4.0	0.0	36.2	34.5
1466	740.0	-280.0	4.0	0.0	36.6	34.9
1467	760.0	-280.0	4.0	0.0	37.4	36.0
1468	780.0	-280.0	4.0	0.0	37.8	36.0
1469	800.0	-280.0	4.0	0.0	38.5	36.6
1470	820.0	-280.0	4.0	0.0	39.2	37.2
1471	840.0	-280.0	4.0	0.0	39.1	36.5
1472	860.0	-280.0	4.0	0.0	39.3	36.3
1473	880.0	-280.0	4.0	0.0	39.4	36.2
1474	900.0	-280.0	4.0	0.0	39.6	36.8
1475	920.0	-280.0	4.0	0.0	39.3	36.8
1476	940.0	-280.0	4.0	0.0	38.7	36.3
1477	960.0	-280.0	4.0	0.0	38.6	36.8
1478	980.0	-280.0	4.0	0.0	40.6	39.8
1479	1000.0	-280.0	4.0	0.0	37.4	35.9
1480	1020.0	-280.0	4.0	0.0	37.2	35.9
1481	1040.0	-280.0	4.0	0.0	37.2	35.5

1482	1060.0	-280.0	4.0	0.0	36.8	35.2
1483	1080.0	-280.0	4.0	0.0	36.4	34.9
1484	1100.0	-280.0	4.0	0.0	36.1	34.7
1485	1120.0	-280.0	4.0	0.0	35.9	34.8
1486	1140.0	-280.0	4.0	0.0	35.4	34.3
1487	1160.0	-280.0	4.0	0.0	35.3	34.0
1488	1180.0	-280.0	4.0	0.0	34.9	33.7
1489	1200.0	-280.0	4.0	0.0	34.5	33.4
1490	1220.0	-280.0	4.0	0.0	34.8	33.8
1491	1240.0	-280.0	4.0	0.0	34.5	33.5
1492	1260.0	-280.0	4.0	0.0	34.8	34.0
1493	1280.0	-280.0	4.0	0.0	34.9	34.2
1494	1300.0	-280.0	4.0	0.0	35.0	34.3
1495	1320.0	-280.0	4.0	0.0	35.2	34.5
1496	1340.0	-280.0	4.0	0.0	37.3	36.9
1497	1360.0	-280.0	4.0	0.0	37.3	36.8
1498	1380.0	-280.0	4.0	0.0	33.9	33.2
1499	1400.0	-280.0	4.0	0.0	32.7	31.8
1500	1420.0	-280.0	4.0	0.0	32.4	31.6
1501	1440.0	-280.0	4.0	0.0	32.2	31.4
1502	1460.0	-280.0	4.0	0.0	32.0	31.2
1503	1480.0	-280.0	4.0	0.0	31.9	31.0
1504	1500.0	-280.0	4.0	0.0	31.7	30.8
1505	1520.0	-280.0	4.0	0.0	31.5	30.7
1506	1540.0	-280.0	4.0	0.0	31.3	30.5
1507	1560.0	-280.0	4.0	0.0	32.7	32.1
1508	1580.0	-280.0	4.0	0.0	33.6	33.2
1509	1600.0	-280.0	4.0	0.0	33.4	33.0
1510	1620.0	-280.0	4.0	0.0	33.4	33.0
1511	1640.0	-280.0	4.0	0.0	33.6	33.1
1512	1660.0	-280.0	4.0	0.0	33.8	33.4
1513	1680.0	-280.0	4.0	0.0	33.7	33.3
1514	1700.0	-280.0	4.0	0.0	33.6	33.3
1515	1720.0	-280.0	4.0	0.0	33.8	33.1
1516	1740.0	-280.0	4.0	0.0	33.6	32.9
1517	1760.0	-280.0	4.0	0.0	33.4	32.8
1518	1780.0	-280.0	4.0	0.0	33.3	32.7
1519	1800.0	-280.0	4.0	0.0	33.4	32.8
1520	1820.0	-280.0	4.0	0.0	33.1	32.3
1521	1840.0	-280.0	4.0	0.0	30.4	28.8
1522	1860.0	-280.0	4.0	0.0	29.5	27.0
1523	1880.0	-280.0	4.0	0.0	29.2	26.8
1524	1900.0	-280.0	4.0	0.0	29.0	26.6
1525	1920.0	-280.0	4.0	0.0	28.8	26.4
1526	1940.0	-280.0	4.0	0.0	28.4	26.0
1527	1960.0	-280.0	4.0	0.0	28.2	25.7
1528	1980.0	-280.0	4.0	0.0	27.8	25.2
1529	2000.0	-280.0	4.0	0.0	27.6	25.0
1530	2020.0	-280.0	4.0	0.0	27.6	24.8
1531	0.0	-300.0	4.0	0.0	37.5	36.9
1532	20.0	-300.0	4.0	0.0	37.6	36.9
1533	40.0	-300.0	4.0	0.0	37.7	37.0
1534	60.0	-300.0	4.0	0.0	37.8	37.1
1535	80.0	-300.0	4.0	0.0	38.0	37.3
1536	100.0	-300.0	4.0	0.0	38.2	37.6
1537	120.0	-300.0	4.0	0.0	38.6	37.9
1538	140.0	-300.0	4.0	0.0	38.8	38.2
1539	160.0	-300.0	4.0	0.0	39.2	38.6
1540	180.0	-300.0	4.0	0.0	39.5	38.9
1541	200.0	-300.0	4.0	0.0	39.7	39.2
1542	220.0	-300.0	4.0	0.0	40.0	39.4
1543	240.0	-300.0	4.0	0.0	40.1	39.6
1544	260.0	-300.0	4.0	0.0	40.4	39.8
1545	280.0	-300.0	4.0	0.0	40.6	40.1
1546	300.0	-300.0	4.0	0.0	40.9	40.4
1547	320.0	-300.0	4.0	0.0	41.2	40.7
1548	340.0	-300.0	4.0	0.0	41.5	41.0
1549	360.0	-300.0	4.0	0.0	41.8	41.3
1550	380.0	-300.0	4.0	0.0	42.1	41.6
1551	400.0	-300.0	4.0	0.0	42.5	41.8
1552	420.0	-300.0	4.0	0.0	43.1	42.1
1553	440.0	-300.0	4.0	0.0	43.4	42.4
1554	460.0	-300.0	4.0	0.0	43.4	42.7
1555	480.0	-300.0	4.0	0.0	43.7	43.0

1556	500.0	-300.0	4.0	0.0	44.0	43.3
1557	520.0	-300.0	4.0	0.0	43.8	43.3
1558	540.0	-300.0	4.0	0.0	42.5	42.0
1560	580.0	-300.0	4.0	0.0	46.1	45.2
1561	600.0	-300.0	4.0	0.0	46.2	45.3
1562	620.0	-300.0	4.0	0.0	45.6	44.7
1563	640.0	-300.0	4.0	0.0	45.0	43.9
1564	660.0	-300.0	4.0	0.0	36.1	34.9
1565	680.0	-300.0	4.0	0.0	35.9	34.4
1566	700.0	-300.0	4.0	0.0	36.8	35.0
1567	720.0	-300.0	4.0	0.0	36.1	34.1
1568	740.0	-300.0	4.0	0.0	36.5	34.8
1569	760.0	-300.0	4.0	0.0	37.5	35.8
1570	780.0	-300.0	4.0	0.0	38.6	36.8
1571	800.0	-300.0	4.0	0.0	39.4	37.4
1572	820.0	-300.0	4.0	0.0	40.0	37.5
1573	840.0	-300.0	4.0	0.0	40.4	37.1
1574	860.0	-300.0	4.0	0.0	40.6	36.3
1575	880.0	-300.0	4.0	0.0	40.8	36.4
1576	900.0	-300.0	4.0	0.0	40.8	36.9
1577	920.0	-300.0	4.0	0.0	40.5	37.3
1578	940.0	-300.0	4.0	0.0	39.7	37.1
1579	960.0	-300.0	4.0	0.0	39.1	36.9
1580	980.0	-300.0	4.0	0.0	38.4	36.6
1581	1000.0	-300.0	4.0	0.0	37.9	36.3
1582	1020.0	-300.0	4.0	0.0	38.2	36.3
1583	1040.0	-300.0	4.0	0.0	37.6	35.8
1584	1060.0	-300.0	4.0	0.0	37.2	35.6
1585	1080.0	-300.0	4.0	0.0	36.7	35.3
1586	1100.0	-300.0	4.0	0.0	36.4	35.1
1587	1120.0	-300.0	4.0	0.0	36.4	35.3
1588	1140.0	-300.0	4.0	0.0	35.7	34.6
1589	1160.0	-300.0	4.0	0.0	35.5	34.2
1590	1180.0	-300.0	4.0	0.0	35.1	33.9
1591	1200.0	-300.0	4.0	0.0	34.7	33.5
1592	1220.0	-300.0	4.0	0.0	35.1	34.1
1593	1240.0	-300.0	4.0	0.0	34.8	33.8
1594	1260.0	-300.0	4.0	0.0	34.3	33.3
1595	1280.0	-300.0	4.0	0.0	35.4	34.7
1596	1300.0	-300.0	4.0	0.0	35.7	35.0
1597	1320.0	-300.0	4.0	0.0	35.8	35.2
1598	1340.0	-300.0	4.0	0.0	36.5	36.0
1599	1360.0	-300.0	4.0	0.0	37.7	37.3
1600	1380.0	-300.0	4.0	0.0	33.3	32.4
1601	1400.0	-300.0	4.0	0.0	32.9	32.0
1602	1420.0	-300.0	4.0	0.0	32.7	31.8
1603	1440.0	-300.0	4.0	0.0	32.5	31.6
1604	1460.0	-300.0	4.0	0.0	32.2	31.3
1605	1480.0	-300.0	4.0	0.0	32.0	31.2
1606	1500.0	-300.0	4.0	0.0	31.8	31.0
1607	1520.0	-300.0	4.0	0.0	31.7	30.8
1608	1540.0	-300.0	4.0	0.0	31.5	30.7
1609	1560.0	-300.0	4.0	0.0	34.0	33.6
1610	1580.0	-300.0	4.0	0.0	33.8	33.3
1611	1600.0	-300.0	4.0	0.0	33.7	33.3
1612	1620.0	-300.0	4.0	0.0	33.9	33.4
1613	1640.0	-300.0	4.0	0.0	33.8	33.3
1614	1660.0	-300.0	4.0	0.0	33.9	33.6
1615	1680.0	-300.0	4.0	0.0	34.0	33.6
1616	1700.0	-300.0	4.0	0.0	34.1	33.4
1617	1720.0	-300.0	4.0	0.0	33.9	33.3
1618	1740.0	-300.0	4.0	0.0	33.7	33.1
1619	1760.0	-300.0	4.0	0.0	33.6	33.0
1620	1780.0	-300.0	4.0	0.0	33.7	33.1
1621	1800.0	-300.0	4.0	0.0	33.5	32.7
1622	1820.0	-300.0	4.0	0.0	31.0	29.2
1623	1840.0	-300.0	4.0	0.0	29.8	27.4
1624	1860.0	-300.0	4.0	0.0	29.5	27.1
1625	1880.0	-300.0	4.0	0.0	29.3	26.9
1626	1900.0	-300.0	4.0	0.0	29.0	26.7
1627	1920.0	-300.0	4.0	0.0	28.8	26.5
1628	1940.0	-300.0	4.0	0.0	28.5	26.0
1629	1960.0	-300.0	4.0	0.0	28.2	25.7
1630	1980.0	-300.0	4.0	0.0	28.1	25.4

1631	2000.0	-300.0	4.0	0.0	27.9	25.1
1632	2020.0	-300.0	4.0	0.0	27.8	24.9
1633	0.0	-320.0	4.0	0.0	37.6	37.0
1634	20.0	-320.0	4.0	0.0	37.8	37.2
1635	40.0	-320.0	4.0	0.0	38.0	37.4
1636	60.0	-320.0	4.0	0.0	38.0	37.4
1637	80.0	-320.0	4.0	0.0	38.2	37.5
1638	100.0	-320.0	4.0	0.0	38.4	37.7
1639	120.0	-320.0	4.0	0.0	38.7	38.1
1640	140.0	-320.0	4.0	0.0	38.9	38.3
1641	160.0	-320.0	4.0	0.0	39.4	38.8
1642	180.0	-320.0	4.0	0.0	39.6	39.0
1643	200.0	-320.0	4.0	0.0	39.8	39.3
1644	220.0	-320.0	4.0	0.0	40.1	39.5
1645	240.0	-320.0	4.0	0.0	40.2	39.7
1646	260.0	-320.0	4.0	0.0	40.5	40.0
1647	280.0	-320.0	4.0	0.0	40.8	40.2
1648	300.0	-320.0	4.0	0.0	41.1	40.5
1649	320.0	-320.0	4.0	0.0	41.3	40.8
1650	340.0	-320.0	4.0	0.0	41.7	41.1
1651	360.0	-320.0	4.0	0.0	42.2	41.4
1652	380.0	-320.0	4.0	0.0	42.5	41.8
1653	400.0	-320.0	4.0	0.0	42.5	42.1
1654	420.0	-320.0	4.0	0.0	43.0	42.3
1655	440.0	-320.0	4.0	0.0	43.3	42.6
1656	460.0	-320.0	4.0	0.0	43.6	42.9
1657	480.0	-320.0	4.0	0.0	43.9	43.2
1658	500.0	-320.0	4.0	0.0	44.2	43.6
1659	520.0	-320.0	4.0	0.0	44.1	43.4
1660	540.0	-320.0	4.0	0.0	42.5	42.0
1662	580.0	-320.0	4.0	0.0	46.2	45.4
1663	600.0	-320.0	4.0	0.0	46.3	45.7
1664	620.0	-320.0	4.0	0.0	45.8	45.2
1665	640.0	-320.0	4.0	0.0	45.6	44.8
1666	660.0	-320.0	4.0	0.0	38.4	36.7
1667	680.0	-320.0	4.0	0.0	42.4	40.8
1668	700.0	-320.0	4.0	0.0	46.0	44.2
1669	720.0	-320.0	4.0	0.0	45.8	43.5
1670	740.0	-320.0	4.0	0.0	46.3	44.2
1671	760.0	-320.0	4.0	0.0	46.9	45.4
1672	780.0	-320.0	4.0	0.0	45.7	45.4
1673	800.0	-320.0	4.0	0.0	45.6	45.1
1674	820.0	-320.0	4.0	0.0	43.4	41.9
1675	840.0	-320.0	4.0	0.0	42.0	38.1
1676	860.0	-320.0	4.0	0.0	42.6	36.9
1677	880.0	-320.0	4.0	0.0	43.1	37.0
1678	900.0	-320.0	4.0	0.0	42.6	37.0
1679	920.0	-320.0	4.0	0.0	41.6	37.2
1680	940.0	-320.0	4.0	0.0	40.8	37.6
1681	960.0	-320.0	4.0	0.0	39.8	37.3
1682	980.0	-320.0	4.0	0.0	39.4	37.6
1683	1000.0	-320.0	4.0	0.0	38.8	36.4
1684	1020.0	-320.0	4.0	0.0	38.3	36.3
1685	1040.0	-320.0	4.0	0.0	37.8	36.0
1686	1060.0	-320.0	4.0	0.0	37.5	35.8
1687	1080.0	-320.0	4.0	0.0	37.0	35.5
1688	1100.0	-320.0	4.0	0.0	36.7	35.4
1689	1120.0	-320.0	4.0	0.0	36.1	34.9
1690	1140.0	-320.0	4.0	0.0	35.9	34.8
1691	1160.0	-320.0	4.0	0.0	35.7	34.4
1692	1180.0	-320.0	4.0	0.0	35.3	34.0
1693	1200.0	-320.0	4.0	0.0	34.9	33.6
1694	1220.0	-320.0	4.0	0.0	35.4	34.4
1695	1240.0	-320.0	4.0	0.0	34.7	33.6
1696	1260.0	-320.0	4.0	0.0	34.3	33.3
1697	1280.0	-320.0	4.0	0.0	36.1	35.5
1698	1300.0	-320.0	4.0	0.0	36.3	35.7
1699	1320.0	-320.0	4.0	0.0	36.3	35.8
1700	1340.0	-320.0	4.0	0.0	36.4	35.9
1701	1360.0	-320.0	4.0	0.0	38.2	37.8
1702	1380.0	-320.0	4.0	0.0	32.9	32.0
1703	1400.0	-320.0	4.0	0.0	33.1	32.3
1704	1420.0	-320.0	4.0	0.0	32.9	32.1
1705	1440.0	-320.0	4.0	0.0	32.7	31.9



1706	1460.0	-320.0	4.0	0.0	32.5	31.6
1707	1480.0	-320.0	4.0	0.0	32.2	31.4
1708	1500.0	-320.0	4.0	0.0	32.0	31.2
1709	1520.0	-320.0	4.0	0.0	31.8	31.0
1710	1540.0	-320.0	4.0	0.0	34.4	34.0
1711	1560.0	-320.0	4.0	0.0	34.1	33.7
1712	1580.0	-320.0	4.0	0.0	34.0	33.5
1713	1600.0	-320.0	4.0	0.0	34.2	33.7
1714	1620.0	-320.0	4.0	0.0	34.1	33.7
1715	1640.0	-320.0	4.0	0.0	33.9	33.5
1716	1660.0	-320.0	4.0	0.0	34.2	33.8
1717	1680.0	-320.0	4.0	0.0	34.5	33.8
1718	1700.0	-320.0	4.0	0.0	34.2	33.6
1719	1720.0	-320.0	4.0	0.0	34.1	33.5
1720	1740.0	-320.0	4.0	0.0	33.9	33.3
1721	1760.0	-320.0	4.0	0.0	34.2	33.5
1722	1780.0	-320.0	4.0	0.0	33.8	33.0
1723	1800.0	-320.0	4.0	0.0	30.4	28.1
1724	1820.0	-320.0	4.0	0.0	30.2	27.8
1725	1840.0	-320.0	4.0	0.0	29.8	27.4
1726	1860.0	-320.0	4.0	0.0	29.5	27.2
1727	1880.0	-320.0	4.0	0.0	29.3	27.0
1728	1900.0	-320.0	4.0	0.0	29.1	26.8
1729	1920.0	-320.0	4.0	0.0	28.9	26.6
1730	1940.0	-320.0	4.0	0.0	28.7	26.1
1731	1960.0	-320.0	4.0	0.0	28.4	25.7
1732	1980.0	-320.0	4.0	0.0	28.3	25.5
1733	2000.0	-320.0	4.0	0.0	28.0	25.1
1734	2020.0	-320.0	4.0	0.0	27.8	24.9
1735	0.0	-340.0	4.0	0.0	37.7	37.0
1736	20.0	-340.0	4.0	0.0	37.9	37.3
1737	40.0	-340.0	4.0	0.0	38.1	37.5
1738	60.0	-340.0	4.0	0.0	38.4	37.7
1739	80.0	-340.0	4.0	0.0	38.5	37.8
1740	100.0	-340.0	4.0	0.0	38.6	37.9
1741	120.0	-340.0	4.0	0.0	38.9	38.2
1742	140.0	-340.0	4.0	0.0	39.1	38.4
1743	160.0	-340.0	4.0	0.0	39.5	38.8
1744	180.0	-340.0	4.0	0.0	39.7	39.1
1745	200.0	-340.0	4.0	0.0	39.9	39.4
1746	220.0	-340.0	4.0	0.0	40.2	39.6
1747	240.0	-340.0	4.0	0.0	40.4	39.8
1748	260.0	-340.0	4.0	0.0	40.6	40.1
1749	280.0	-340.0	4.0	0.0	41.1	40.4
1750	300.0	-340.0	4.0	0.0	41.4	40.7
1751	320.0	-340.0	4.0	0.0	41.7	41.0
1752	340.0	-340.0	4.0	0.0	41.8	41.3
1753	360.0	-340.0	4.0	0.0	42.1	41.6
1754	380.0	-340.0	4.0	0.0	42.5	41.9
1755	400.0	-340.0	4.0	0.0	42.7	42.2
1756	420.0	-340.0	4.0	0.0	43.2	42.4
1757	440.0	-340.0	4.0	0.0	43.5	42.8
1758	460.0	-340.0	4.0	0.0	43.8	43.1
1759	480.0	-340.0	4.0	0.0	44.1	43.4
1760	500.0	-340.0	4.0	0.0	44.5	43.8
1761	520.0	-340.0	4.0	0.0	44.4	43.6
1762	540.0	-340.0	4.0	0.0	42.6	42.0
1764	580.0	-340.0	4.0	0.0	46.3	45.6
1765	600.0	-340.0	4.0	0.0	46.4	45.8
1766	620.0	-340.0	4.0	0.0	45.9	45.3
1767	640.0	-340.0	4.0	0.0	45.6	45.0
1768	660.0	-340.0	4.0	0.0	45.4	44.7
1769	680.0	-340.0	4.0	0.0	45.1	44.6
1770	700.0	-340.0	4.0	0.0	48.4	49.2
1771	720.0	-340.0	4.0	0.0	44.6	44.1
1772	740.0	-340.0	4.0	0.0	46.1	44.4
1773	760.0	-340.0	4.0	0.0	48.0	46.3
1774	780.0	-340.0	4.0	0.0	51.1	49.9
1775	800.0	-340.0	4.0	0.0	55.5	54.9
1776	820.0	-340.0	4.0	0.0	54.5	52.9
1777	840.0	-340.0	4.0	0.0	53.9	49.1
1778	860.0	-340.0	4.0	0.0	55.7	47.6
1779	880.0	-340.0	4.0	0.0	56.7	47.1
1780	900.0	-340.0	4.0	0.0	54.7	46.1

1781	920.0	-340.0	4.0	0.0	52.4	46.1
1782	940.0	-340.0	4.0	0.0	46.2	43.0
1783	960.0	-340.0	4.0	0.0	41.4	39.4
1784	980.0	-340.0	4.0	0.0	40.4	37.8
1785	1000.0	-340.0	4.0	0.0	42.1	41.1
1786	1020.0	-340.0	4.0	0.0	38.6	36.5
1787	1040.0	-340.0	4.0	0.0	38.1	36.2
1788	1060.0	-340.0	4.0	0.0	37.8	36.2
1789	1080.0	-340.0	4.0	0.0	37.2	35.7
1790	1100.0	-340.0	4.0	0.0	36.9	35.6
1791	1120.0	-340.0	4.0	0.0	36.2	34.9
1792	1140.0	-340.0	4.0	0.0	36.0	34.8
1793	1160.0	-340.0	4.0	0.0	35.6	34.2
1794	1180.0	-340.0	4.0	0.0	35.3	33.9
1795	1200.0	-340.0	4.0	0.0	35.1	33.8
1796	1220.0	-340.0	4.0	0.0	35.0	33.8
1797	1240.0	-340.0	4.0	0.0	34.7	33.6
1798	1260.0	-340.0	4.0	0.0	34.4	33.4
1799	1280.0	-340.0	4.0	0.0	36.8	36.3
1800	1300.0	-340.0	4.0	0.0	36.9	36.4
1801	1320.0	-340.0	4.0	0.0	36.9	36.4
1802	1340.0	-340.0	4.0	0.0	37.0	36.5
1803	1360.0	-340.0	4.0	0.0	37.1	36.4
1804	1380.0	-340.0	4.0	0.0	33.2	32.2
1805	1400.0	-340.0	4.0	0.0	33.2	32.3
1806	1420.0	-340.0	4.0	0.0	33.2	32.3
1807	1440.0	-340.0	4.0	0.0	32.9	32.1
1808	1460.0	-340.0	4.0	0.0	32.7	31.8
1809	1480.0	-340.0	4.0	0.0	32.4	31.6
1810	1500.0	-340.0	4.0	0.0	32.3	31.4
1811	1520.0	-340.0	4.0	0.0	32.6	31.9
1812	1540.0	-340.0	4.0	0.0	34.5	34.1
1813	1560.0	-340.0	4.0	0.0	34.3	33.9
1814	1580.0	-340.0	4.0	0.0	34.4	34.0
1815	1600.0	-340.0	4.0	0.0	34.4	34.0
1816	1620.0	-340.0	4.0	0.0	34.3	33.9
1817	1640.0	-340.0	4.0	0.0	34.3	33.9
1818	1660.0	-340.0	4.0	0.0	34.7	34.0
1819	1680.0	-340.0	4.0	0.0	34.6	34.0
1820	1700.0	-340.0	4.0	0.0	34.4	33.8
1821	1720.0	-340.0	4.0	0.0	34.3	33.7
1822	1740.0	-340.0	4.0	0.0	34.5	33.8
1823	1760.0	-340.0	4.0	0.0	34.2	33.4
1824	1780.0	-340.0	4.0	0.0	30.7	28.5
1825	1800.0	-340.0	4.0	0.0	30.5	28.2
1826	1820.0	-340.0	4.0	0.0	30.2	27.9
1827	1840.0	-340.0	4.0	0.0	29.8	27.5
1828	1860.0	-340.0	4.0	0.0	29.6	27.3
1829	1880.0	-340.0	4.0	0.0	29.4	27.0
1830	1900.0	-340.0	4.0	0.0	29.3	26.8
1831	1920.0	-340.0	4.0	0.0	29.0	26.6
1832	1940.0	-340.0	4.0	0.0	28.8	26.2
1833	1960.0	-340.0	4.0	0.0	28.4	25.7
1834	1980.0	-340.0	4.0	0.0	28.2	25.5
1835	2000.0	-340.0	4.0	0.0	28.0	25.3
1836	2020.0	-340.0	4.0	0.0	27.8	25.0
1837	0.0	-360.0	4.0	0.0	37.7	37.1
1838	20.0	-360.0	4.0	0.0	38.0	37.3
1839	40.0	-360.0	4.0	0.0	38.2	37.6
1840	60.0	-360.0	4.0	0.0	38.4	37.8
1841	80.0	-360.0	4.0	0.0	38.7	38.0
1842	100.0	-360.0	4.0	0.0	38.9	38.3
1843	120.0	-360.0	4.0	0.0	39.1	38.5
1844	140.0	-360.0	4.0	0.0	39.2	38.6
1845	160.0	-360.0	4.0	0.0	39.6	39.0
1846	180.0	-360.0	4.0	0.0	39.8	39.2
1847	200.0	-360.0	4.0	0.0	40.1	39.4
1848	220.0	-360.0	4.0	0.0	40.5	39.7
1849	240.0	-360.0	4.0	0.0	40.7	39.9
1850	260.0	-360.0	4.0	0.0	41.0	40.2
1851	280.0	-360.0	4.0	0.0	41.1	40.5
1852	300.0	-360.0	4.0	0.0	41.3	40.8
1853	320.0	-360.0	4.0	0.0	41.6	41.1
1854	340.0	-360.0	4.0	0.0	41.9	41.4

1855	360.0	-360.0	4.0	0.0	42.2	41.7
1856	380.0	-360.0	4.0	0.0	42.6	42.0
1857	400.0	-360.0	4.0	0.0	42.9	42.4
1858	420.0	-360.0	4.0	0.0	43.2	42.7
1859	440.0	-360.0	4.0	0.0	43.7	43.0
1860	460.0	-360.0	4.0	0.0	44.1	43.3
1861	480.0	-360.0	4.0	0.0	44.3	43.6
1862	500.0	-360.0	4.0	0.0	44.7	44.0
1863	520.0	-360.0	4.0	0.0	44.7	43.9
1864	540.0	-360.0	4.0	0.0	42.6	42.0
1866	580.0	-360.0	4.0	0.0	46.6	45.8
1867	600.0	-360.0	4.0	0.0	46.6	46.1
1868	620.0	-360.0	4.0	0.0	46.0	45.4
1869	640.0	-360.0	4.0	0.0	45.8	45.2
1870	660.0	-360.0	4.0	0.0	45.6	44.9
1871	680.0	-360.0	4.0	0.0	45.4	45.0
1872	700.0	-360.0	4.0	0.0	48.8	49.6
1873	720.0	-360.0	4.0	0.0	42.0	40.9
1878	820.0	-360.0	4.0	0.0	55.1	53.2
1879	840.0	-360.0	4.0	0.0	55.3	48.9
1880	860.0	-360.0	4.0	0.0	59.9	47.8
1881	880.0	-360.0	4.0	0.0	64.9	47.4
1882	900.0	-360.0	4.0	0.0	59.5	47.6
1883	920.0	-360.0	4.0	0.0	54.8	47.3
1884	940.0	-360.0	4.0	0.0	52.0	47.0
1885	960.0	-360.0	4.0	0.0	50.8	45.8
1886	980.0	-360.0	4.0	0.0	49.7	45.8
1887	1000.0	-360.0	4.0	0.0	47.0	44.0
1888	1020.0	-360.0	4.0	0.0	38.7	36.5
1889	1040.0	-360.0	4.0	0.0	38.3	36.3
1890	1060.0	-360.0	4.0	0.0	38.1	36.5
1891	1080.0	-360.0	4.0	0.0	37.5	36.0
1892	1100.0	-360.0	4.0	0.0	37.1	35.8
1893	1120.0	-360.0	4.0	0.0	36.3	35.1
1894	1140.0	-360.0	4.0	0.0	35.9	34.7
1895	1160.0	-360.0	4.0	0.0	35.5	33.9
1896	1180.0	-360.0	4.0	0.0	35.1	33.6
1897	1200.0	-360.0	4.0	0.0	35.1	33.8
1898	1220.0	-360.0	4.0	0.0	35.0	33.8
1899	1240.0	-360.0	4.0	0.0	34.8	33.7
1900	1260.0	-360.0	4.0	0.0	34.6	33.5
1901	1280.0	-360.0	4.0	0.0	37.5	37.0
1902	1300.0	-360.0	4.0	0.0	37.5	37.1
1903	1320.0	-360.0	4.0	0.0	37.6	37.1
1904	1340.0	-360.0	4.0	0.0	37.8	37.1
1905	1360.0	-360.0	4.0	0.0	37.8	37.1
1906	1380.0	-360.0	4.0	0.0	33.3	32.3
1907	1400.0	-360.0	4.0	0.0	33.2	32.2
1908	1420.0	-360.0	4.0	0.0	33.4	32.5
1909	1440.0	-360.0	4.0	0.0	33.1	32.3
1910	1460.0	-360.0	4.0	0.0	32.9	32.1
1911	1480.0	-360.0	4.0	0.0	32.6	31.8
1912	1500.0	-360.0	4.0	0.0	32.3	31.5
1913	1520.0	-360.0	4.0	0.0	34.9	34.5
1914	1540.0	-360.0	4.0	0.0	34.7	34.3
1915	1560.0	-360.0	4.0	0.0	34.6	34.2
1916	1580.0	-360.0	4.0	0.0	34.8	34.4
1917	1600.0	-360.0	4.0	0.0	34.6	34.2
1918	1620.0	-360.0	4.0	0.0	34.5	34.1
1919	1640.0	-360.0	4.0	0.0	34.9	34.2
1920	1660.0	-360.0	4.0	0.0	34.9	34.2
1921	1680.0	-360.0	4.0	0.0	34.8	34.2
1922	1700.0	-360.0	4.0	0.0	34.6	34.0
1923	1720.0	-360.0	4.0	0.0	34.8	34.1
1924	1740.0	-360.0	4.0	0.0	34.6	33.7
1925	1760.0	-360.0	4.0	0.0	31.0	28.9
1926	1780.0	-360.0	4.0	0.0	30.7	28.6
1927	1800.0	-360.0	4.0	0.0	30.4	28.2
1928	1820.0	-360.0	4.0	0.0	30.1	28.0
1929	1840.0	-360.0	4.0	0.0	29.8	27.7
1930	1860.0	-360.0	4.0	0.0	29.7	27.4
1931	1880.0	-360.0	4.0	0.0	29.5	27.1
1932	1900.0	-360.0	4.0	0.0	29.4	26.9
1933	1920.0	-360.0	4.0	0.0	29.1	26.6

1934	1940.0	-360.0	4.0	0.0	28.8	26.2
1935	1960.0	-360.0	4.0	0.0	28.5	25.8
1936	1980.0	-360.0	4.0	0.0	28.3	25.6
1937	2000.0	-360.0	4.0	0.0	28.0	25.4
1938	2020.0	-360.0	4.0	0.0	27.7	25.0
1939	0.0	-380.0	4.0	0.0	37.8	37.1
1940	20.0	-380.0	4.0	0.0	38.0	37.4
1941	40.0	-380.0	4.0	0.0	38.3	37.6
1942	60.0	-380.0	4.0	0.0	38.5	37.9
1943	80.0	-380.0	4.0	0.0	38.7	38.1
1944	100.0	-380.0	4.0	0.0	39.0	38.3
1945	120.0	-380.0	4.0	0.0	39.3	38.7
1946	140.0	-380.0	4.0	0.0	39.8	39.0
1947	160.0	-380.0	4.0	0.0	39.9	39.2
1948	180.0	-380.0	4.0	0.0	40.1	39.4
1949	200.0	-380.0	4.0	0.0	40.2	39.6
1950	220.0	-380.0	4.0	0.0	40.4	39.8
1951	240.0	-380.0	4.0	0.0	40.6	40.0
1952	260.0	-380.0	4.0	0.0	40.9	40.3
1953	280.0	-380.0	4.0	0.0	41.2	40.6
1954	300.0	-380.0	4.0	0.0	41.5	40.9
1955	320.0	-380.0	4.0	0.0	41.8	41.2
1956	340.0	-380.0	4.0	0.0	42.1	41.5
1957	360.0	-380.0	4.0	0.0	42.4	41.8
1958	380.0	-380.0	4.0	0.0	42.7	42.2
1959	400.0	-380.0	4.0	0.0	43.1	42.5
1960	420.0	-380.0	4.0	0.0	43.4	42.8
1961	440.0	-380.0	4.0	0.0	43.7	43.2
1962	460.0	-380.0	4.0	0.0	44.3	43.5
1963	480.0	-380.0	4.0	0.0	44.6	43.8
1964	500.0	-380.0	4.0	0.0	44.9	44.2
1965	520.0	-380.0	4.0	0.0	45.0	44.2
1966	540.0	-380.0	4.0	0.0	43.0	42.0
1968	580.0	-380.0	4.0	0.0	46.7	46.0
1969	600.0	-380.0	4.0	0.0	46.8	46.2
1970	620.0	-380.0	4.0	0.0	46.2	45.5
1971	640.0	-380.0	4.0	0.0	46.1	45.4
1972	660.0	-380.0	4.0	0.0	45.7	45.0
1973	680.0	-380.0	4.0	0.0	45.7	45.3
1974	700.0	-380.0	4.0	0.0	46.9	47.4
1975	720.0	-380.0	4.0	0.0	41.0	39.3
1982	860.0	-380.0	4.0	0.0	61.5	47.2
1983	880.0	-380.0	4.0	0.0	70.9	47.7
1984	900.0	-380.0	4.0	0.0	60.6	47.9
1985	920.0	-380.0	4.0	0.0	55.2	47.7
1986	940.0	-380.0	4.0	0.0	52.8	45.6
1987	960.0	-380.0	4.0	0.0	50.9	45.1
1988	980.0	-380.0	4.0	0.0	49.6	45.1
1989	1000.0	-380.0	4.0	0.0	49.3	46.4
1990	1020.0	-380.0	4.0	0.0	42.7	38.6
1991	1040.0	-380.0	4.0	0.0	38.5	36.7
1992	1060.0	-380.0	4.0	0.0	38.3	36.8
1993	1080.0	-380.0	4.0	0.0	37.5	36.0
1994	1100.0	-380.0	4.0	0.0	37.2	36.0
1995	1120.0	-380.0	4.0	0.0	36.4	35.2
1996	1140.0	-380.0	4.0	0.0	35.3	33.8
1997	1160.0	-380.0	4.0	0.0	35.2	33.3
1998	1180.0	-380.0	4.0	0.0	35.1	33.6
1999	1200.0	-380.0	4.0	0.0	35.1	33.8
2000	1220.0	-380.0	4.0	0.0	35.1	33.9
2001	1240.0	-380.0	4.0	0.0	35.1	34.1
2002	1260.0	-380.0	4.0	0.0	34.9	33.9
2003	1280.0	-380.0	4.0	0.0	38.4	37.8
2004	1300.0	-380.0	4.0	0.0	38.4	37.8
2005	1320.0	-380.0	4.0	0.0	38.4	37.8
2006	1340.0	-380.0	4.0	0.0	38.5	37.8
2007	1360.0	-380.0	4.0	0.0	38.5	37.6
2008	1380.0	-380.0	4.0	0.0	33.2	32.1
2009	1400.0	-380.0	4.0	0.0	33.4	32.4
2010	1420.0	-380.0	4.0	0.0	33.1	32.2
2011	1440.0	-380.0	4.0	0.0	33.3	32.5
2012	1460.0	-380.0	4.0	0.0	33.1	32.3
2013	1480.0	-380.0	4.0	0.0	32.8	32.0
2014	1500.0	-380.0	4.0	0.0	34.5	34.1

2015	1520.0	-380.0	4.0	0.0	35.1	34.7
2016	1540.0	-380.0	4.0	0.0	34.8	34.5
2017	1560.0	-380.0	4.0	0.0	35.0	34.7
2018	1580.0	-380.0	4.0	0.0	34.9	34.6
2019	1600.0	-380.0	4.0	0.0	34.8	34.5
2020	1620.0	-380.0	4.0	0.0	35.0	34.3
2021	1640.0	-380.0	4.0	0.0	35.1	34.5
2022	1660.0	-380.0	4.0	0.0	35.0	34.4
2023	1680.0	-380.0	4.0	0.0	35.1	34.3
2024	1700.0	-380.0	4.0	0.0	35.2	34.4
2025	1720.0	-380.0	4.0	0.0	34.9	34.0
2026	1740.0	-380.0	4.0	0.0	31.3	29.2
2027	1760.0	-380.0	4.0	0.0	31.1	29.0
2028	1780.0	-380.0	4.0	0.0	30.7	28.7
2029	1800.0	-380.0	4.0	0.0	30.4	28.3
2030	1820.0	-380.0	4.0	0.0	30.3	28.1
2031	1840.0	-380.0	4.0	0.0	30.1	27.8
2032	1860.0	-380.0	4.0	0.0	29.9	27.4
2033	1880.0	-380.0	4.0	0.0	29.7	27.2
2034	1900.0	-380.0	4.0	0.0	29.4	27.0
2035	1920.0	-380.0	4.0	0.0	29.1	26.5
2036	1940.0	-380.0	4.0	0.0	28.9	26.3
2037	1960.0	-380.0	4.0	0.0	28.4	25.9
2038	1980.0	-380.0	4.0	0.0	28.3	25.7
2039	2000.0	-380.0	4.0	0.0	28.2	25.5
2040	2020.0	-380.0	4.0	0.0	28.1	25.3
2041	0.0	-400.0	4.0	0.0	37.9	37.2
2042	20.0	-400.0	4.0	0.0	38.1	37.4
2043	40.0	-400.0	4.0	0.0	38.3	37.7
2044	60.0	-400.0	4.0	0.0	38.6	37.9
2045	80.0	-400.0	4.0	0.0	39.0	38.2
2046	100.0	-400.0	4.0	0.0	39.2	38.4
2047	120.0	-400.0	4.0	0.0	39.6	38.8
2048	140.0	-400.0	4.0	0.0	39.7	39.1
2049	160.0	-400.0	4.0	0.0	40.1	39.5
2050	180.0	-400.0	4.0	0.0	40.3	39.7
2051	200.0	-400.0	4.0	0.0	40.3	39.7
2052	220.0	-400.0	4.0	0.0	40.5	39.8
2053	240.0	-400.0	4.0	0.0	40.7	40.1
2054	260.0	-400.0	4.0	0.0	41.0	40.4
2055	280.0	-400.0	4.0	0.0	41.3	40.7
2056	300.0	-400.0	4.0	0.0	41.6	41.0
2057	320.0	-400.0	4.0	0.0	41.9	41.3
2058	340.0	-400.0	4.0	0.0	42.2	41.6
2059	360.0	-400.0	4.0	0.0	42.5	42.0
2060	380.0	-400.0	4.0	0.0	42.8	42.3
2061	400.0	-400.0	4.0	0.0	43.2	42.6
2062	420.0	-400.0	4.0	0.0	43.6	43.0
2063	440.0	-400.0	4.0	0.0	43.9	43.3
2064	460.0	-400.0	4.0	0.0	44.2	43.7
2065	480.0	-400.0	4.0	0.0	44.9	44.1
2066	500.0	-400.0	4.0	0.0	45.2	44.4
2067	520.0	-400.0	4.0	0.0	45.5	44.7
2068	540.0	-400.0	4.0	0.0	45.9	45.1
2069	560.0	-400.0	4.0	0.0	46.7	45.7
2070	580.0	-400.0	4.0	0.0	46.6	45.9
2071	600.0	-400.0	4.0	0.0	46.8	46.1
2072	620.0	-400.0	4.0	0.0	46.4	45.7
2073	640.0	-400.0	4.0	0.0	46.3	45.6
2074	660.0	-400.0	4.0	0.0	45.9	45.2
2075	680.0	-400.0	4.0	0.0	46.2	45.9
2076	700.0	-400.0	4.0	0.0	45.5	45.6
2083	840.0	-400.0	4.0	0.0	55.8	45.6
2084	860.0	-400.0	4.0	0.0	57.7	47.6
2085	880.0	-400.0	4.0	0.0	59.2	49.3
2086	900.0	-400.0	4.0	0.0	57.2	48.6
2087	920.0	-400.0	4.0	0.0	55.2	45.7
2088	940.0	-400.0	4.0	0.0	52.5	44.7
2089	960.0	-400.0	4.0	0.0	50.7	44.3
2090	980.0	-400.0	4.0	0.0	49.5	44.5
2091	1000.0	-400.0	4.0	0.0	49.0	45.6
2092	1020.0	-400.0	4.0	0.0	49.0	46.6
2093	1040.0	-400.0	4.0	0.0	46.4	45.6
2094	1060.0	-400.0	4.0	0.0	42.3	41.7

2095	1080.0	-400.0	4.0	0.0	41.1	40.4
2096	1100.0	-400.0	4.0	0.0	43.8	43.5
2097	1120.0	-400.0	4.0	0.0	43.9	42.7
2098	1140.0	-400.0	4.0	0.0	39.4	38.8
2099	1160.0	-400.0	4.0	0.0	37.0	35.4
2100	1180.0	-400.0	4.0	0.0	35.7	34.4
2101	1200.0	-400.0	4.0	0.0	35.6	34.5
2102	1220.0	-400.0	4.0	0.0	35.6	34.6
2103	1240.0	-400.0	4.0	0.0	35.5	34.5
2104	1260.0	-400.0	4.0	0.0	35.3	34.4
2105	1280.0	-400.0	4.0	0.0	39.1	38.4
2106	1300.0	-400.0	4.0	0.0	39.1	38.4
2107	1320.0	-400.0	4.0	0.0	39.1	38.4
2108	1340.0	-400.0	4.0	0.0	38.8	38.3
2109	1360.0	-400.0	4.0	0.0	38.8	38.1
2110	1380.0	-400.0	4.0	0.0	33.2	32.3
2111	1400.0	-400.0	4.0	0.0	33.0	32.2
2112	1420.0	-400.0	4.0	0.0	33.1	32.4
2113	1440.0	-400.0	4.0	0.0	33.4	32.7
2114	1460.0	-400.0	4.0	0.0	33.1	32.5
2115	1480.0	-400.0	4.0	0.0	32.9	32.2
2116	1500.0	-400.0	4.0	0.0	35.4	35.1
2117	1520.0	-400.0	4.0	0.0	35.1	34.8
2118	1540.0	-400.0	4.0	0.0	35.4	35.0
2119	1560.0	-400.0	4.0	0.0	35.3	34.9
2120	1580.0	-400.0	4.0	0.0	35.2	34.8
2121	1600.0	-400.0	4.0	0.0	35.4	34.7
2122	1620.0	-400.0	4.0	0.0	35.2	34.6
2123	1640.0	-400.0	4.0	0.0	35.3	34.7
2124	1660.0	-400.0	4.0	0.0	35.4	34.6
2125	1680.0	-400.0	4.0	0.0	35.6	34.7
2126	1700.0	-400.0	4.0	0.0	35.2	34.4
2127	1720.0	-400.0	4.0	0.0	31.6	29.5
2128	1740.0	-400.0	4.0	0.0	31.4	29.3
2129	1760.0	-400.0	4.0	0.0	31.1	29.1
2130	1780.0	-400.0	4.0	0.0	30.9	28.8
2131	1800.0	-400.0	4.0	0.0	30.8	28.4
2132	1820.0	-400.0	4.0	0.0	30.6	28.1
2133	1840.0	-400.0	4.0	0.0	30.3	27.8
2134	1860.0	-400.0	4.0	0.0	29.9	27.5
2135	1880.0	-400.0	4.0	0.0	29.7	27.2
2136	1900.0	-400.0	4.0	0.0	29.5	27.0
2137	1920.0	-400.0	4.0	0.0	29.3	26.6
2138	1940.0	-400.0	4.0	0.0	28.9	26.4
2139	1960.0	-400.0	4.0	0.0	28.6	25.9
2140	1980.0	-400.0	4.0	0.0	28.5	25.7
2141	2000.0	-400.0	4.0	0.0	28.3	25.4
2142	2020.0	-400.0	4.0	0.0	28.2	25.1
2143	0.0	-420.0	4.0	0.0	38.1	37.2
2144	20.0	-420.0	4.0	0.0	38.4	37.5
2145	40.0	-420.0	4.0	0.0	38.6	37.7
2146	60.0	-420.0	4.0	0.0	38.9	38.0
2147	80.0	-420.0	4.0	0.0	38.9	38.2
2148	100.0	-420.0	4.0	0.0	39.2	38.6
2149	120.0	-420.0	4.0	0.0	39.5	38.9
2150	140.0	-420.0	4.0	0.0	39.9	39.2
2151	160.0	-420.0	4.0	0.0	40.1	39.5
2152	180.0	-420.0	4.0	0.0	40.4	39.8
2153	200.0	-420.0	4.0	0.0	40.6	40.0
2154	220.0	-420.0	4.0	0.0	40.7	40.1
2155	240.0	-420.0	4.0	0.0	40.9	40.2
2156	260.0	-420.0	4.0	0.0	41.1	40.5
2157	280.0	-420.0	4.0	0.0	41.4	40.8
2158	300.0	-420.0	4.0	0.0	41.7	41.1
2159	320.0	-420.0	4.0	0.0	42.0	41.4
2160	340.0	-420.0	4.0	0.0	42.3	41.7
2161	360.0	-420.0	4.0	0.0	42.6	42.1
2162	380.0	-420.0	4.0	0.0	43.0	42.4
2163	400.0	-420.0	4.0	0.0	43.3	42.8
2164	420.0	-420.0	4.0	0.0	43.7	43.1
2165	440.0	-420.0	4.0	0.0	44.1	43.5
2166	460.0	-420.0	4.0	0.0	44.4	43.9
2167	480.0	-420.0	4.0	0.0	45.1	44.2
2168	500.0	-420.0	4.0	0.0	45.4	44.6

2169	520.0	-420.0	4.0	0.0	45.8	45.0
2170	540.0	-420.0	4.0	0.0	46.6	45.6
2171	560.0	-420.0	4.0	0.0	46.7	45.6
2172	580.0	-420.0	4.0	0.0	46.7	45.9
2173	600.0	-420.0	4.0	0.0	46.9	46.1
2174	620.0	-420.0	4.0	0.0	46.6	45.8
2175	640.0	-420.0	4.0	0.0	46.5	45.7
2176	660.0	-420.0	4.0	0.0	46.2	45.5
2177	680.0	-420.0	4.0	0.0	46.9	46.8
2178	700.0	-420.0	4.0	0.0	45.0	44.6
2185	840.0	-420.0	4.0	0.0	53.7	46.4
2186	860.0	-420.0	4.0	0.0	55.0	49.7
2187	880.0	-420.0	4.0	0.0	55.2	49.5
2190	940.0	-420.0	4.0	0.0	52.9	46.7
2191	960.0	-420.0	4.0	0.0	52.0	47.9
2193	1000.0	-420.0	4.0	0.0	48.0	43.3
2194	1020.0	-420.0	4.0	0.0	48.8	46.4
2195	1040.0	-420.0	4.0	0.0	49.2	47.7
2196	1060.0	-420.0	4.0	0.0	48.7	47.4
2197	1080.0	-420.0	4.0	0.0	47.8	46.4
2198	1100.0	-420.0	4.0	0.0	46.3	44.8
2199	1120.0	-420.0	4.0	0.0	44.3	42.4
2200	1140.0	-420.0	4.0	0.0	43.4	41.8
2201	1160.0	-420.0	4.0	0.0	42.3	41.1
2202	1180.0	-420.0	4.0	0.0	43.6	43.0
2203	1200.0	-420.0	4.0	0.0	36.0	34.1
2204	1220.0	-420.0	4.0	0.0	36.3	34.5
2205	1240.0	-420.0	4.0	0.0	36.8	34.8
2206	1260.0	-420.0	4.0	0.0	36.9	34.9
2207	1280.0	-420.0	4.0	0.0	39.2	39.0
2208	1300.0	-420.0	4.0	0.0	39.3	39.0
2209	1320.0	-420.0	4.0	0.0	39.3	38.9
2210	1340.0	-420.0	4.0	0.0	39.3	38.7
2211	1360.0	-420.0	4.0	0.0	39.0	38.3
2212	1380.0	-420.0	4.0	0.0	33.3	32.5
2213	1400.0	-420.0	4.0	0.0	33.0	32.2
2214	1420.0	-420.0	4.0	0.0	33.3	32.6
2215	1440.0	-420.0	4.0	0.0	33.0	32.3
2216	1460.0	-420.0	4.0	0.0	33.3	32.6
2217	1480.0	-420.0	4.0	0.0	35.9	35.5
2218	1500.0	-420.0	4.0	0.0	35.6	35.2
2219	1520.0	-420.0	4.0	0.0	35.6	35.2
2220	1540.0	-420.0	4.0	0.0	35.6	35.3
2221	1560.0	-420.0	4.0	0.0	35.6	35.2
2222	1580.0	-420.0	4.0	0.0	35.7	35.0
2223	1600.0	-420.0	4.0	0.0	35.6	34.9
2224	1620.0	-420.0	4.0	0.0	35.4	34.8
2225	1640.0	-420.0	4.0	0.0	35.7	34.9
2226	1660.0	-420.0	4.0	0.0	35.9	35.1
2227	1680.0	-420.0	4.0	0.0	35.6	34.7
2228	1700.0	-420.0	4.0	0.0	32.0	29.9
2229	1720.0	-420.0	4.0	0.0	31.6	29.6
2230	1740.0	-420.0	4.0	0.0	31.4	29.5
2231	1760.0	-420.0	4.0	0.0	31.4	29.1
2232	1780.0	-420.0	4.0	0.0	31.2	28.8
2233	1800.0	-420.0	4.0	0.0	30.9	28.5
2234	1820.0	-420.0	4.0	0.0	30.6	28.2
2235	1840.0	-420.0	4.0	0.0	30.3	27.9
2236	1860.0	-420.0	4.0	0.0	30.0	27.6
2237	1880.0	-420.0	4.0	0.0	29.9	27.3
2238	1900.0	-420.0	4.0	0.0	29.5	27.1
2239	1920.0	-420.0	4.0	0.0	29.2	26.7
2240	1940.0	-420.0	4.0	0.0	29.0	26.3
2241	1960.0	-420.0	4.0	0.0	28.8	25.9
2242	1980.0	-420.0	4.0	0.0	28.7	25.6
2243	2000.0	-420.0	4.0	0.0	28.5	25.4
2244	2020.0	-420.0	4.0	0.0	28.4	25.2
2245	0.0	-440.0	4.0	0.0	38.1	37.2
2246	20.0	-440.0	4.0	0.0	38.3	37.5
2247	40.0	-440.0	4.0	0.0	38.5	37.8
2248	60.0	-440.0	4.0	0.0	38.7	38.0
2249	80.0	-440.0	4.0	0.0	39.0	38.2
2250	100.0	-440.0	4.0	0.0	39.3	38.7
2251	120.0	-440.0	4.0	0.0	39.6	38.9

2252	140.0	-440.0	4.0	0.0	40.0	39.3
2253	160.0	-440.0	4.0	0.0	40.2	39.6
2254	180.0	-440.0	4.0	0.0	40.5	39.9
2255	200.0	-440.0	4.0	0.0	40.7	40.1
2256	220.0	-440.0	4.0	0.0	40.9	40.3
2257	240.0	-440.0	4.0	0.0	41.2	40.6
2258	260.0	-440.0	4.0	0.0	41.3	40.6
2259	280.0	-440.0	4.0	0.0	41.5	40.9
2260	300.0	-440.0	4.0	0.0	41.8	41.2
2261	320.0	-440.0	4.0	0.0	42.2	41.5
2262	340.0	-440.0	4.0	0.0	42.5	41.8
2263	360.0	-440.0	4.0	0.0	42.8	42.2
2264	380.0	-440.0	4.0	0.0	43.1	42.5
2265	400.0	-440.0	4.0	0.0	43.4	42.9
2266	420.0	-440.0	4.0	0.0	43.8	43.2
2267	440.0	-440.0	4.0	0.0	44.2	43.6
2268	460.0	-440.0	4.0	0.0	44.6	44.0
2269	480.0	-440.0	4.0	0.0	45.0	44.4
2270	500.0	-440.0	4.0	0.0	45.6	44.8
2271	520.0	-440.0	4.0	0.0	46.0	45.2
2272	540.0	-440.0	4.0	0.0	46.6	45.7
2273	560.0	-440.0	4.0	0.0	46.8	45.8
2274	580.0	-440.0	4.0	0.0	46.9	46.1
2275	600.0	-440.0	4.0	0.0	47.0	46.1
2276	620.0	-440.0	4.0	0.0	46.8	45.9
2277	640.0	-440.0	4.0	0.0	46.7	45.7
2278	660.0	-440.0	4.0	0.0	46.5	45.7
2279	680.0	-440.0	4.0	0.0	47.8	47.9
2280	700.0	-440.0	4.0	0.0	44.9	44.1
2287	840.0	-440.0	4.0	0.0	52.2	47.3
2288	860.0	-440.0	4.0	0.0	54.1	51.6
2289	880.0	-440.0	4.0	0.0	54.1	49.3
2296	1020.0	-440.0	4.0	0.0	47.1	47.1
2297	1040.0	-440.0	4.0	0.0	50.6	50.4
2298	1060.0	-440.0	4.0	0.0	48.6	48.0
2299	1080.0	-440.0	4.0	0.0	47.1	46.4
2300	1100.0	-440.0	4.0	0.0	45.5	44.6
2303	1160.0	-440.0	4.0	0.0	42.8	39.3
2304	1180.0	-440.0	4.0	0.0	41.7	39.2
2305	1200.0	-440.0	4.0	0.0	35.0	33.5
2306	1220.0	-440.0	4.0	0.0	36.1	34.3
2307	1240.0	-440.0	4.0	0.0	36.2	34.6
2308	1260.0	-440.0	4.0	0.0	39.8	39.5
2309	1280.0	-440.0	4.0	0.0	40.1	40.0
2310	1300.0	-440.0	4.0	0.0	40.1	39.7
2311	1320.0	-440.0	4.0	0.0	40.0	39.4
2312	1340.0	-440.0	4.0	0.0	40.0	39.2
2313	1360.0	-440.0	4.0	0.0	38.5	37.8
2314	1380.0	-440.0	4.0	0.0	33.5	32.6
2315	1400.0	-440.0	4.0	0.0	33.2	32.3
2316	1420.0	-440.0	4.0	0.0	32.9	32.0
2317	1440.0	-440.0	4.0	0.0	33.2	32.5
2318	1460.0	-440.0	4.0	0.0	34.0	33.4
2319	1480.0	-440.0	4.0	0.0	36.0	35.7
2320	1500.0	-440.0	4.0	0.0	35.8	35.5
2321	1520.0	-440.0	4.0	0.0	36.0	35.7
2322	1540.0	-440.0	4.0	0.0	35.9	35.6
2323	1560.0	-440.0	4.0	0.0	36.1	35.4
2324	1580.0	-440.0	4.0	0.0	35.9	35.3
2325	1600.0	-440.0	4.0	0.0	36.0	35.1
2326	1620.0	-440.0	4.0	0.0	35.9	35.0
2327	1640.0	-440.0	4.0	0.0	36.1	35.3
2328	1660.0	-440.0	4.0	0.0	35.9	35.1
2329	1680.0	-440.0	4.0	0.0	32.2	30.2
2330	1700.0	-440.0	4.0	0.0	32.0	30.0
2331	1720.0	-440.0	4.0	0.0	32.0	29.7
2332	1740.0	-440.0	4.0	0.0	31.8	29.5
2333	1760.0	-440.0	4.0	0.0	31.5	29.1
2334	1780.0	-440.0	4.0	0.0	31.2	28.9
2335	1800.0	-440.0	4.0	0.0	30.9	28.6
2336	1820.0	-440.0	4.0	0.0	30.6	28.2
2337	1840.0	-440.0	4.0	0.0	30.4	27.9
2338	1860.0	-440.0	4.0	0.0	30.0	27.6
2339	1880.0	-440.0	4.0	0.0	29.8	27.4



2340	1900.0	-440.0	4.0	0.0	29.7	27.2
2341	1920.0	-440.0	4.0	0.0	29.4	26.6
2342	1940.0	-440.0	4.0	0.0	29.3	26.2
2343	1960.0	-440.0	4.0	0.0	29.0	25.8
2344	1980.0	-440.0	4.0	0.0	28.9	25.7
2345	2000.0	-440.0	4.0	0.0	28.9	25.5
2346	2020.0	-440.0	4.0	0.0	27.7	25.3
2347	0.0	-460.0	4.0	0.0	37.8	36.9
2348	20.0	-460.0	4.0	0.0	38.1	37.3
2349	40.0	-460.0	4.0	0.0	38.4	37.7
2350	60.0	-460.0	4.0	0.0	38.8	38.0
2351	80.0	-460.0	4.0	0.0	39.0	38.3
2352	100.0	-460.0	4.0	0.0	39.4	38.7
2353	120.0	-460.0	4.0	0.0	39.7	39.0
2354	140.0	-460.0	4.0	0.0	40.1	39.4
2355	160.0	-460.0	4.0	0.0	40.3	39.6
2356	180.0	-460.0	4.0	0.0	40.6	39.9
2357	200.0	-460.0	4.0	0.0	40.8	40.2
2358	220.0	-460.0	4.0	0.0	41.0	40.4
2359	240.0	-460.0	4.0	0.0	41.3	40.6
2360	260.0	-460.0	4.0	0.0	41.6	40.9
2361	280.0	-460.0	4.0	0.0	41.9	41.2
2362	300.0	-460.0	4.0	0.0	42.0	41.3
2363	320.0	-460.0	4.0	0.0	42.3	41.6
2364	340.0	-460.0	4.0	0.0	42.6	41.9
2365	360.0	-460.0	4.0	0.0	42.9	42.2
2366	380.0	-460.0	4.0	0.0	43.2	42.6
2367	400.0	-460.0	4.0	0.0	43.6	43.0
2368	420.0	-460.0	4.0	0.0	43.9	43.3
2369	440.0	-460.0	4.0	0.0	44.4	43.7
2370	460.0	-460.0	4.0	0.0	44.8	44.1
2371	480.0	-460.0	4.0	0.0	45.2	44.5
2372	500.0	-460.0	4.0	0.0	45.5	44.9
2373	520.0	-460.0	4.0	0.0	46.3	45.4
2374	540.0	-460.0	4.0	0.0	46.7	45.7
2375	560.0	-460.0	4.0	0.0	46.8	45.9
2376	580.0	-460.0	4.0	0.0	47.1	46.2
2377	600.0	-460.0	4.0	0.0	47.1	46.1
2378	620.0	-460.0	4.0	0.0	47.0	45.9
2379	640.0	-460.0	4.0	0.0	46.8	45.7
2380	660.0	-460.0	4.0	0.0	46.7	45.8
2381	680.0	-460.0	4.0	0.0	49.1	49.6
2382	700.0	-460.0	4.0	0.0	44.6	43.2
2389	840.0	-460.0	4.0	0.0	51.4	48.2
2390	860.0	-460.0	4.0	0.0	54.9	53.7
2391	880.0	-460.0	4.0	0.0	52.9	49.3
2398	1020.0	-460.0	4.0	0.0	48.1	47.9
2399	1040.0	-460.0	4.0	0.0	51.8	52.3
2400	1060.0	-460.0	4.0	0.0	48.6	48.3
2405	1160.0	-460.0	4.0	0.0	40.7	39.5
2406	1180.0	-460.0	4.0	0.0	36.0	35.5
2407	1200.0	-460.0	4.0	0.0	34.5	33.8
2408	1220.0	-460.0	4.0	0.0	35.2	34.5
2409	1240.0	-460.0	4.0	0.0	35.6	34.8
2410	1260.0	-460.0	4.0	0.0	40.5	40.3
2411	1280.0	-460.0	4.0	0.0	42.7	45.3
2412	1300.0	-460.0	4.0	0.0	40.7	40.7
2413	1320.0	-460.0	4.0	0.0	40.5	39.9
2414	1340.0	-460.0	4.0	0.0	40.4	39.5
2415	1360.0	-460.0	4.0	0.0	37.1	36.5
2416	1380.0	-460.0	4.0	0.0	33.6	32.7
2417	1400.0	-460.0	4.0	0.0	33.3	32.5
2418	1420.0	-460.0	4.0	0.0	33.1	32.2
2419	1440.0	-460.0	4.0	0.0	33.2	32.4
2420	1460.0	-460.0	4.0	0.0	35.1	34.5
2421	1480.0	-460.0	4.0	0.0	36.3	35.8
2422	1500.0	-460.0	4.0	0.0	36.5	36.0
2423	1520.0	-460.0	4.0	0.0	36.4	36.0
2424	1540.0	-460.0	4.0	0.0	36.5	35.8
2425	1560.0	-460.0	4.0	0.0	36.3	35.6
2426	1580.0	-460.0	4.0	0.0	36.5	35.5
2427	1600.0	-460.0	4.0	0.0	36.3	35.3
2428	1620.0	-460.0	4.0	0.0	36.4	35.4
2429	1640.0	-460.0	4.0	0.0	36.2	35.3

2430	1660.0	-460.0	4.0	0.0	32.7	30.6
2431	1680.0	-460.0	4.0	0.0	32.7	30.3
2432	1700.0	-460.0	4.0	0.0	32.5	30.1
2433	1720.0	-460.0	4.0	0.0	32.1	29.7
2434	1740.0	-460.0	4.0	0.0	31.8	29.6
2435	1760.0	-460.0	4.0	0.0	31.5	29.3
2436	1780.0	-460.0	4.0	0.0	31.3	29.0
2437	1800.0	-460.0	4.0	0.0	31.0	28.7
2438	1820.0	-460.0	4.0	0.0	30.6	28.3
2439	1840.0	-460.0	4.0	0.0	30.4	28.0
2440	1860.0	-460.0	4.0	0.0	30.3	27.7
2441	1880.0	-460.0	4.0	0.0	30.1	27.3
2442	1900.0	-460.0	4.0	0.0	30.1	27.2
2443	1920.0	-460.0	4.0	0.0	29.7	26.6
2444	1940.0	-460.0	4.0	0.0	29.5	26.2
2445	1960.0	-460.0	4.0	0.0	29.4	26.0
2446	1980.0	-460.0	4.0	0.0	28.2	25.8
2447	2000.0	-460.0	4.0	0.0	28.0	25.6
2448	2020.0	-460.0	4.0	0.0	27.9	25.4
2449	0.0	-480.0	4.0	0.0	37.6	36.6
2450	20.0	-480.0	4.0	0.0	37.8	36.9
2451	40.0	-480.0	4.0	0.0	38.3	37.4
2452	60.0	-480.0	4.0	0.0	38.6	37.8
2453	80.0	-480.0	4.0	0.0	39.0	38.2
2454	100.0	-480.0	4.0	0.0	39.5	38.7
2455	120.0	-480.0	4.0	0.0	39.7	39.0
2456	140.0	-480.0	4.0	0.0	40.1	39.4
2457	160.0	-480.0	4.0	0.0	40.4	39.7
2458	180.0	-480.0	4.0	0.0	40.6	40.0
2459	200.0	-480.0	4.0	0.0	40.9	40.2
2460	220.0	-480.0	4.0	0.0	41.1	40.4
2461	240.0	-480.0	4.0	0.0	41.4	40.7
2462	260.0	-480.0	4.0	0.0	41.7	41.0
2463	280.0	-480.0	4.0	0.0	42.0	41.3
2464	300.0	-480.0	4.0	0.0	42.3	41.6
2465	320.0	-480.0	4.0	0.0	42.5	41.8
2466	340.0	-480.0	4.0	0.0	42.7	42.0
2467	360.0	-480.0	4.0	0.0	43.0	42.3
2468	380.0	-480.0	4.0	0.0	43.4	42.7
2469	400.0	-480.0	4.0	0.0	43.7	43.0
2470	420.0	-480.0	4.0	0.0	44.1	43.4
2471	440.0	-480.0	4.0	0.0	44.5	43.8
2472	460.0	-480.0	4.0	0.0	44.9	44.2
2473	480.0	-480.0	4.0	0.0	45.3	44.6
2474	500.0	-480.0	4.0	0.0	45.7	45.0
2475	520.0	-480.0	4.0	0.0	46.6	45.5
2476	540.0	-480.0	4.0	0.0	46.9	45.7
2477	560.0	-480.0	4.0	0.0	47.0	46.0
2478	580.0	-480.0	4.0	0.0	47.3	46.3
2479	600.0	-480.0	4.0	0.0	47.2	46.1
2480	620.0	-480.0	4.0	0.0	47.1	45.9
2481	640.0	-480.0	4.0	0.0	46.9	45.6
2482	660.0	-480.0	4.0	0.0	46.9	45.8
2483	680.0	-480.0	4.0	0.0	49.5	50.0
2484	700.0	-480.0	4.0	0.0	44.1	42.0
2491	840.0	-480.0	4.0	0.0	51.5	48.9
2492	860.0	-480.0	4.0	0.0	54.5	53.7
2493	880.0	-480.0	4.0	0.0	52.1	49.5
2500	1020.0	-480.0	4.0	0.0	48.4	48.4
2501	1040.0	-480.0	4.0	0.0	52.2	52.9
2502	1060.0	-480.0	4.0	0.0	48.2	48.2
2507	1160.0	-480.0	4.0	0.0	41.4	40.4
2508	1180.0	-480.0	4.0	0.0	34.7	34.0
2509	1200.0	-480.0	4.0	0.0	34.9	34.2
2510	1220.0	-480.0	4.0	0.0	35.5	34.9
2511	1240.0	-480.0	4.0	0.0	35.6	35.3
2512	1260.0	-480.0	4.0	0.0	40.8	40.9
2513	1280.0	-480.0	4.0	0.0	43.2	46.1
2514	1300.0	-480.0	4.0	0.0	41.1	41.2
2515	1320.0	-480.0	4.0	0.0	41.0	40.2
2516	1340.0	-480.0	4.0	0.0	40.9	39.9
2517	1360.0	-480.0	4.0	0.0	34.9	34.1
2518	1380.0	-480.0	4.0	0.0	33.8	32.9
2519	1400.0	-480.0	4.0	0.0	33.6	32.7

2520	1420.0	-480.0	4.0	0.0	33.3	32.4
2521	1440.0	-480.0	4.0	0.0	33.0	32.1
2522	1460.0	-480.0	4.0	0.0	35.1	34.6
2523	1480.0	-480.0	4.0	0.0	35.1	34.6
2524	1500.0	-480.0	4.0	0.0	36.7	36.4
2525	1520.0	-480.0	4.0	0.0	36.9	36.2
2526	1540.0	-480.0	4.0	0.0	36.7	36.1
2527	1560.0	-480.0	4.0	0.0	36.9	35.9
2528	1580.0	-480.0	4.0	0.0	36.7	35.7
2529	1600.0	-480.0	4.0	0.0	36.6	35.7
2530	1620.0	-480.0	4.0	0.0	36.3	35.4
2531	1640.0	-480.0	4.0	0.0	32.9	30.4
2532	1660.0	-480.0	4.0	0.0	33.1	30.7
2533	1680.0	-480.0	4.0	0.0	32.8	30.4
2534	1700.0	-480.0	4.0	0.0	32.4	30.0
2535	1720.0	-480.0	4.0	0.0	32.1	29.8
2536	1740.0	-480.0	4.0	0.0	31.9	29.6
2537	1760.0	-480.0	4.0	0.0	31.7	29.3
2538	1780.0	-480.0	4.0	0.0	31.3	28.9
2539	1800.0	-480.0	4.0	0.0	31.2	28.7
2540	1820.0	-480.0	4.0	0.0	31.0	28.4
2541	1840.0	-480.0	4.0	0.0	30.8	28.1
2542	1860.0	-480.0	4.0	0.0	30.8	27.8
2543	1880.0	-480.0	4.0	0.0	30.5	27.4
2544	1900.0	-480.0	4.0	0.0	30.3	27.1
2545	1920.0	-480.0	4.0	0.0	29.1	26.8
2546	1940.0	-480.0	4.0	0.0	28.8	26.3
2547	1960.0	-480.0	4.0	0.0	28.6	26.1
2548	1980.0	-480.0	4.0	0.0	27.5	25.8
2549	2000.0	-480.0	4.0	0.0	27.3	25.6
2550	2020.0	-480.0	4.0	0.0	27.0	25.4
2551	0.0	-500.0	4.0	0.0	37.5	36.5
2552	20.0	-500.0	4.0	0.0	37.7	36.7
2553	40.0	-500.0	4.0	0.0	38.0	37.0
2554	60.0	-500.0	4.0	0.0	38.3	37.4
2555	80.0	-500.0	4.0	0.0	38.8	37.9
2556	100.0	-500.0	4.0	0.0	39.2	38.4
2557	120.0	-500.0	4.0	0.0	39.7	38.9
2558	140.0	-500.0	4.0	0.0	40.2	39.4
2559	160.0	-500.0	4.0	0.0	40.4	39.7
2560	180.0	-500.0	4.0	0.0	40.7	40.0
2561	200.0	-500.0	4.0	0.0	40.9	40.2
2562	220.0	-500.0	4.0	0.0	41.2	40.5
2563	240.0	-500.0	4.0	0.0	41.5	40.8
2564	260.0	-500.0	4.0	0.0	41.8	41.0
2565	280.0	-500.0	4.0	0.0	42.1	41.3
2566	300.0	-500.0	4.0	0.0	42.4	41.7
2567	320.0	-500.0	4.0	0.0	42.7	42.0
2568	340.0	-500.0	4.0	0.0	43.0	42.3
2569	360.0	-500.0	4.0	0.0	43.2	42.5
2570	380.0	-500.0	4.0	0.0	43.5	42.8
2571	400.0	-500.0	4.0	0.0	43.8	43.1
2572	420.0	-500.0	4.0	0.0	44.2	43.5
2573	440.0	-500.0	4.0	0.0	44.6	43.9
2574	460.0	-500.0	4.0	0.0	45.0	44.3
2575	480.0	-500.0	4.0	0.0	45.4	44.7
2576	500.0	-500.0	4.0	0.0	45.9	45.1
2577	520.0	-500.0	4.0	0.0	46.4	45.5
2578	540.0	-500.0	4.0	0.0	47.0	45.8
2579	560.0	-500.0	4.0	0.0	47.2	46.0
2580	580.0	-500.0	4.0	0.0	47.5	46.3
2581	600.0	-500.0	4.0	0.0	47.4	46.1
2582	620.0	-500.0	4.0	0.0	47.3	45.9
2583	640.0	-500.0	4.0	0.0	47.1	45.6
2584	660.0	-500.0	4.0	0.0	47.1	45.9
2585	680.0	-500.0	4.0	0.0	48.2	48.2
2586	700.0	-500.0	4.0	0.0	44.1	41.1
2593	840.0	-500.0	4.0	0.0	51.3	49.5
2594	860.0	-500.0	4.0	0.0	53.1	52.1
2595	880.0	-500.0	4.0	0.0	51.5	49.6
2602	1020.0	-500.0	4.0	0.0	49.0	49.0
2603	1040.0	-500.0	4.0	0.0	51.1	51.6
2604	1060.0	-500.0	4.0	0.0	48.2	48.2
2608	1140.0	-500.0	4.0	0.0	38.8	34.9

2609	1160.0	-500.0	4.0	0.0	42.2	41.3
2610	1180.0	-500.0	4.0	0.0	34.3	33.4
2611	1200.0	-500.0	4.0	0.0	35.3	34.7
2612	1220.0	-500.0	4.0	0.0	35.9	35.3
2613	1240.0	-500.0	4.0	0.0	36.1	35.9
2614	1260.0	-500.0	4.0	0.0	41.4	41.5
2615	1280.0	-500.0	4.0	0.0	43.8	46.6
2616	1300.0	-500.0	4.0	0.0	41.5	41.5
2617	1320.0	-500.0	4.0	0.0	41.2	40.6
2618	1340.0	-500.0	4.0	0.0	41.1	40.2
2619	1360.0	-500.0	4.0	0.0	34.2	33.5
2620	1380.0	-500.0	4.0	0.0	33.9	33.1
2621	1400.0	-500.0	4.0	0.0	33.7	32.8
2622	1420.0	-500.0	4.0	0.0	33.4	32.5
2623	1440.0	-500.0	4.0	0.0	33.2	32.3
2624	1460.0	-500.0	4.0	0.0	34.0	33.1
2625	1480.0	-500.0	4.0	0.0	35.5	35.0
2626	1500.0	-500.0	4.0	0.0	37.4	36.7
2627	1520.0	-500.0	4.0	0.0	37.4	36.5
2628	1540.0	-500.0	4.0	0.0	37.3	36.3
2629	1560.0	-500.0	4.0	0.0	37.1	36.1
2630	1580.0	-500.0	4.0	0.0	36.9	36.0
2631	1600.0	-500.0	4.0	0.0	37.2	36.3
2632	1620.0	-500.0	4.0	0.0	33.3	30.6
2633	1640.0	-500.0	4.0	0.0	33.1	30.5
2634	1660.0	-500.0	4.0	0.0	33.0	30.7
2635	1680.0	-500.0	4.0	0.0	32.7	30.4
2636	1700.0	-500.0	4.0	0.0	32.4	30.0
2637	1720.0	-500.0	4.0	0.0	32.2	29.9
2638	1740.0	-500.0	4.0	0.0	31.9	29.7
2639	1760.0	-500.0	4.0	0.0	31.7	29.4
2640	1780.0	-500.0	4.0	0.0	31.6	29.1
2641	1800.0	-500.0	4.0	0.0	31.5	28.9
2642	1820.0	-500.0	4.0	0.0	31.3	28.5
2643	1840.0	-500.0	4.0	0.0	31.0	28.1
2644	1860.0	-500.0	4.0	0.0	30.9	27.9
2645	1880.0	-500.0	4.0	0.0	29.7	27.5
2646	1900.0	-500.0	4.0	0.0	29.3	27.0
2647	1920.0	-500.0	4.0	0.0	29.1	26.8
2648	1940.0	-500.0	4.0	0.0	27.9	26.3
2649	1960.0	-500.0	4.0	0.0	27.5	26.1
2650	1980.0	-500.0	4.0	0.0	27.4	25.9
2651	2000.0	-500.0	4.0	0.0	27.2	25.7
2652	2020.0	-500.0	4.0	0.0	27.0	25.5
2653	0.0	-520.0	4.0	0.0	37.6	36.5
2654	20.0	-520.0	4.0	0.0	37.8	36.8
2655	40.0	-520.0	4.0	0.0	38.0	37.0
2656	60.0	-520.0	4.0	0.0	38.3	37.3
2657	80.0	-520.0	4.0	0.0	38.5	37.5
2658	100.0	-520.0	4.0	0.0	39.1	38.1
2659	120.0	-520.0	4.0	0.0	39.4	38.5
2660	140.0	-520.0	4.0	0.0	40.0	39.1
2661	160.0	-520.0	4.0	0.0	40.4	39.6
2662	180.0	-520.0	4.0	0.0	40.8	40.0
2663	200.0	-520.0	4.0	0.0	41.0	40.2
2664	220.0	-520.0	4.0	0.0	41.2	40.5
2665	240.0	-520.0	4.0	0.0	41.5	40.8
2666	260.0	-520.0	4.0	0.0	41.8	41.1
2667	280.0	-520.0	4.0	0.0	42.1	41.4
2668	300.0	-520.0	4.0	0.0	42.4	41.7
2669	320.0	-520.0	4.0	0.0	42.8	42.0
2670	340.0	-520.0	4.0	0.0	43.1	42.4
2671	360.0	-520.0	4.0	0.0	43.5	42.7
2672	380.0	-520.0	4.0	0.0	43.8	43.1
2673	400.0	-520.0	4.0	0.0	44.0	43.2
2674	420.0	-520.0	4.0	0.0	44.3	43.6
2675	440.0	-520.0	4.0	0.0	44.7	43.9
2676	460.0	-520.0	4.0	0.0	45.1	44.3
2677	480.0	-520.0	4.0	0.0	45.5	44.8
2678	500.0	-520.0	4.0	0.0	46.1	45.2
2679	520.0	-520.0	4.0	0.0	46.6	45.6
2680	540.0	-520.0	4.0	0.0	46.6	45.8
2681	560.0	-520.0	4.0	0.0	47.4	46.1
2682	580.0	-520.0	4.0	0.0	47.7	46.3

2683	600.0	-520.0	4.0	0.0	47.6	46.0
2684	620.0	-520.0	4.0	0.0	47.6	45.9
2685	640.0	-520.0	4.0	0.0	47.4	45.6
2686	660.0	-520.0	4.0	0.0	47.7	46.7
2687	680.0	-520.0	4.0	0.0	48.0	47.7
2694	820.0	-520.0	4.0	0.0	49.9	48.0
2695	840.0	-520.0	4.0	0.0	51.4	50.3
2696	860.0	-520.0	4.0	0.0	52.1	51.2
2697	880.0	-520.0	4.0	0.0	51.2	49.6
2704	1020.0	-520.0	4.0	0.0	49.7	49.8
2705	1040.0	-520.0	4.0	0.0	50.3	50.6
2706	1060.0	-520.0	4.0	0.0	48.4	48.4
2710	1140.0	-520.0	4.0	0.0	40.0	36.6
2711	1160.0	-520.0	4.0	0.0	42.7	41.7
2712	1180.0	-520.0	4.0	0.0	34.8	33.8
2713	1200.0	-520.0	4.0	0.0	35.8	35.0
2714	1220.0	-520.0	4.0	0.0	36.2	35.7
2715	1240.0	-520.0	4.0	0.0	36.6	36.5
2716	1260.0	-520.0	4.0	0.0	41.9	42.0
2717	1280.0	-520.0	4.0	0.0	44.3	47.1
2718	1300.0	-520.0	4.0	0.0	42.0	41.9
2719	1320.0	-520.0	4.0	0.0	41.7	40.9
2720	1340.0	-520.0	4.0	0.0	41.5	40.5
2721	1360.0	-520.0	4.0	0.0	34.4	33.6
2722	1380.0	-520.0	4.0	0.0	34.0	33.3
2723	1400.0	-520.0	4.0	0.0	33.8	33.0
2724	1420.0	-520.0	4.0	0.0	33.5	32.7
2725	1440.0	-520.0	4.0	0.0	33.4	32.4
2726	1460.0	-520.0	4.0	0.0	34.1	32.2
2727	1480.0	-520.0	4.0	0.0	36.3	35.3
2728	1500.0	-520.0	4.0	0.0	36.4	35.1
2729	1520.0	-520.0	4.0	0.0	37.7	36.7
2730	1540.0	-520.0	4.0	0.0	37.5	36.5
2731	1560.0	-520.0	4.0	0.0	37.5	36.4
2732	1580.0	-520.0	4.0	0.0	37.7	36.7
2733	1600.0	-520.0	4.0	0.0	33.0	29.7
2734	1620.0	-520.0	4.0	0.0	33.3	30.6
2735	1640.0	-520.0	4.0	0.0	33.0	30.5
2736	1660.0	-520.0	4.0	0.0	33.0	30.6
2737	1680.0	-520.0	4.0	0.0	32.8	30.5
2738	1700.0	-520.0	4.0	0.0	32.6	30.1
2739	1720.0	-520.0	4.0	0.0	32.3	29.9
2740	1740.0	-520.0	4.0	0.0	32.2	29.8
2741	1760.0	-520.0	4.0	0.0	32.1	29.5
2742	1780.0	-520.0	4.0	0.0	32.0	29.3
2743	1800.0	-520.0	4.0	0.0	31.6	28.8
2744	1820.0	-520.0	4.0	0.0	31.5	28.5
2745	1840.0	-520.0	4.0	0.0	30.3	28.1
2746	1860.0	-520.0	4.0	0.0	30.0	27.8
2747	1880.0	-520.0	4.0	0.0	29.8	27.5
2748	1900.0	-520.0	4.0	0.0	28.5	27.0
2749	1920.0	-520.0	4.0	0.0	28.2	26.8
2750	1940.0	-520.0	4.0	0.0	27.9	26.3
2751	1960.0	-520.0	4.0	0.0	27.7	26.1
2752	1980.0	-520.0	4.0	0.0	27.5	25.9
2753	2000.0	-520.0	4.0	0.0	27.3	25.7
2754	2020.0	-520.0	4.0	0.0	27.1	25.5
2755	0.0	-540.0	4.0	0.0	37.6	36.5
2756	20.0	-540.0	4.0	0.0	37.9	36.8
2757	40.0	-540.0	4.0	0.0	38.1	37.0
2758	60.0	-540.0	4.0	0.0	38.3	37.3
2759	80.0	-540.0	4.0	0.0	38.7	37.7
2760	100.0	-540.0	4.0	0.0	39.0	38.0
2761	120.0	-540.0	4.0	0.0	39.3	38.4
2762	140.0	-540.0	4.0	0.0	39.8	38.9
2763	160.0	-540.0	4.0	0.0	40.1	39.2
2764	180.0	-540.0	4.0	0.0	40.5	39.7
2765	200.0	-540.0	4.0	0.0	40.9	40.1
2766	220.0	-540.0	4.0	0.0	41.3	40.5
2767	240.0	-540.0	4.0	0.0	41.6	40.8
2768	260.0	-540.0	4.0	0.0	41.9	41.1
2769	280.0	-540.0	4.0	0.0	42.2	41.4
2770	300.0	-540.0	4.0	0.0	42.5	41.7
2771	320.0	-540.0	4.0	0.0	42.9	42.1

2772	340.0	-540.0	4.0	0.0	43.2	42.4
2773	360.0	-540.0	4.0	0.0	43.5	42.7
2774	380.0	-540.0	4.0	0.0	43.9	43.1
2775	400.0	-540.0	4.0	0.0	44.3	43.5
2776	420.0	-540.0	4.0	0.0	44.5	43.7
2777	440.0	-540.0	4.0	0.0	44.9	44.0
2778	460.0	-540.0	4.0	0.0	45.3	44.4
2779	480.0	-540.0	4.0	0.0	45.6	44.8
2780	500.0	-540.0	4.0	0.0	46.2	45.2
2781	520.0	-540.0	4.0	0.0	46.7	45.7
2782	540.0	-540.0	4.0	0.0	46.8	45.8
2783	560.0	-540.0	4.0	0.0	47.1	46.1
2784	580.0	-540.0	4.0	0.0	47.9	46.3
2785	600.0	-540.0	4.0	0.0	47.8	46.0
2786	620.0	-540.0	4.0	0.0	47.9	45.9
2787	640.0	-540.0	4.0	0.0	47.8	45.8
2788	660.0	-540.0	4.0	0.0	48.4	47.6
2789	680.0	-540.0	4.0	0.0	47.6	46.4
2796	820.0	-540.0	4.0	0.0	49.8	48.5
2797	840.0	-540.0	4.0	0.0	52.3	51.9
2798	860.0	-540.0	4.0	0.0	51.8	51.1
2805	1000.0	-540.0	4.0	0.0	49.2	49.1
2806	1020.0	-540.0	4.0	0.0	50.6	50.7
2807	1040.0	-540.0	4.0	0.0	50.3	50.4
2808	1060.0	-540.0	4.0	0.0	48.7	48.7
2812	1140.0	-540.0	4.0	0.0	41.3	38.5
2813	1160.0	-540.0	4.0	0.0	42.9	42.3
2814	1180.0	-540.0	4.0	0.0	35.4	34.4
2815	1200.0	-540.0	4.0	0.0	36.2	35.4
2816	1220.0	-540.0	4.0	0.0	36.6	36.0
2817	1240.0	-540.0	4.0	0.0	42.1	41.9
2818	1260.0	-540.0	4.0	0.0	42.5	42.4
2819	1280.0	-540.0	4.0	0.0	44.7	47.4
2820	1300.0	-540.0	4.0	0.0	42.5	42.2
2821	1320.0	-540.0	4.0	0.0	42.1	41.2
2822	1340.0	-540.0	4.0	0.0	41.8	40.7
2823	1360.0	-540.0	4.0	0.0	34.6	33.7
2824	1380.0	-540.0	4.0	0.0	34.2	33.5
2825	1400.0	-540.0	4.0	0.0	34.0	33.2
2826	1420.0	-540.0	4.0	0.0	33.9	33.0
2827	1440.0	-540.0	4.0	0.0	34.7	32.8
2828	1460.0	-540.0	4.0	0.0	34.4	32.5
2829	1480.0	-540.0	4.0	0.0	34.8	32.2
2830	1500.0	-540.0	4.0	0.0	36.7	35.3
2831	1520.0	-540.0	4.0	0.0	37.7	36.4
2832	1540.0	-540.0	4.0	0.0	37.9	36.8
2833	1560.0	-540.0	4.0	0.0	38.1	37.1
2834	1580.0	-540.0	4.0	0.0	33.4	30.0
2835	1600.0	-540.0	4.0	0.0	33.0	29.8
2836	1620.0	-540.0	4.0	0.0	33.2	30.5
2837	1640.0	-540.0	4.0	0.0	33.3	30.8
2838	1660.0	-540.0	4.0	0.0	33.2	30.7
2839	1680.0	-540.0	4.0	0.0	32.9	30.6
2840	1700.0	-540.0	4.0	0.0	32.8	30.3
2841	1720.0	-540.0	4.0	0.0	32.7	30.2
2842	1740.0	-540.0	4.0	0.0	32.5	29.8
2843	1760.0	-540.0	4.0	0.0	32.2	29.3
2844	1780.0	-540.0	4.0	0.0	32.1	29.1
2845	1800.0	-540.0	4.0	0.0	30.9	28.8
2846	1820.0	-540.0	4.0	0.0	30.6	28.5
2847	1840.0	-540.0	4.0	0.0	29.5	28.1
2848	1860.0	-540.0	4.0	0.0	29.3	27.8
2849	1880.0	-540.0	4.0	0.0	28.9	27.6
2850	1900.0	-540.0	4.0	0.0	28.6	27.1
2851	1920.0	-540.0	4.0	0.0	28.3	26.8
2852	1940.0	-540.0	4.0	0.0	28.0	26.5
2853	1960.0	-540.0	4.0	0.0	27.8	26.2
2854	1980.0	-540.0	4.0	0.0	27.6	26.0
2855	2000.0	-540.0	4.0	0.0	27.5	25.8
2856	2020.0	-540.0	4.0	0.0	27.3	25.6
2857	0.0	-560.0	4.0	0.0	37.7	36.6
2858	20.0	-560.0	4.0	0.0	37.9	36.8
2859	40.0	-560.0	4.0	0.0	38.2	37.1
2860	60.0	-560.0	4.0	0.0	38.4	37.3

2861	80.0	-560.0	4.0	0.0	38.8	37.7
2862	100.0	-560.0	4.0	0.0	39.1	38.0
2863	120.0	-560.0	4.0	0.0	39.5	38.5
2864	140.0	-560.0	4.0	0.0	39.7	38.8
2865	160.0	-560.0	4.0	0.0	40.0	39.0
2866	180.0	-560.0	4.0	0.0	40.3	39.3
2867	200.0	-560.0	4.0	0.0	40.6	39.7
2868	220.0	-560.0	4.0	0.0	41.1	40.2
2869	240.0	-560.0	4.0	0.0	41.5	40.6
2870	260.0	-560.0	4.0	0.0	41.9	41.1
2871	280.0	-560.0	4.0	0.0	42.3	41.4
2872	300.0	-560.0	4.0	0.0	42.6	41.8
2873	320.0	-560.0	4.0	0.0	42.9	42.1
2874	340.0	-560.0	4.0	0.0	43.3	42.4
2875	360.0	-560.0	4.0	0.0	43.6	42.8
2876	380.0	-560.0	4.0	0.0	44.0	43.1
2877	400.0	-560.0	4.0	0.0	44.3	43.5
2878	420.0	-560.0	4.0	0.0	44.7	43.9
2879	440.0	-560.0	4.0	0.0	45.1	44.3
2880	460.0	-560.0	4.0	0.0	45.4	44.5
2881	480.0	-560.0	4.0	0.0	45.8	44.8
2882	500.0	-560.0	4.0	0.0	46.3	45.2
2883	520.0	-560.0	4.0	0.0	46.8	45.7
2884	540.0	-560.0	4.0	0.0	46.9	45.8
2885	560.0	-560.0	4.0	0.0	47.3	46.1
2886	580.0	-560.0	4.0	0.0	48.2	46.2
2887	600.0	-560.0	4.0	0.0	48.2	46.0
2888	620.0	-560.0	4.0	0.0	48.3	45.8
2889	640.0	-560.0	4.0	0.0	48.3	45.9
2890	660.0	-560.0	4.0	0.0	49.5	48.8
2891	680.0	-560.0	4.0	0.0	47.7	45.5
2898	820.0	-560.0	4.0	0.0	49.8	48.8
2899	840.0	-560.0	4.0	0.0	53.4	53.6
2900	860.0	-560.0	4.0	0.0	51.5	50.9
2907	1000.0	-560.0	4.0	0.0	50.0	50.0
2908	1020.0	-560.0	4.0	0.0	51.8	52.0
2909	1040.0	-560.0	4.0	0.0	50.7	50.8
2914	1140.0	-560.0	4.0	0.0	42.5	40.0
2915	1160.0	-560.0	4.0	0.0	42.0	41.6
2916	1180.0	-560.0	4.0	0.0	35.9	34.9
2917	1200.0	-560.0	4.0	0.0	36.6	35.8
2918	1220.0	-560.0	4.0	0.0	37.0	36.3
2919	1240.0	-560.0	4.0	0.0	42.9	42.5
2920	1260.0	-560.0	4.0	0.0	43.1	42.9
2921	1280.0	-560.0	4.0	0.0	45.1	47.7
2922	1300.0	-560.0	4.0	0.0	42.9	42.5
2923	1320.0	-560.0	4.0	0.0	42.5	41.5
2924	1340.0	-560.0	4.0	0.0	41.2	40.2
2925	1360.0	-560.0	4.0	0.0	34.7	33.8
2926	1380.0	-560.0	4.0	0.0	34.5	33.6
2927	1400.0	-560.0	4.0	0.0	34.2	33.4
2928	1420.0	-560.0	4.0	0.0	35.3	33.4
2929	1440.0	-560.0	4.0	0.0	35.6	33.2
2930	1460.0	-560.0	4.0	0.0	35.3	32.7
2931	1480.0	-560.0	4.0	0.0	35.3	32.2
2932	1500.0	-560.0	4.0	0.0	36.6	34.5
2933	1520.0	-560.0	4.0	0.0	36.9	35.2
2934	1540.0	-560.0	4.0	0.0	38.5	37.6
2935	1560.0	-560.0	4.0	0.0	33.7	30.4
2936	1580.0	-560.0	4.0	0.0	33.4	30.1
2937	1600.0	-560.0	4.0	0.0	33.0	29.5
2938	1620.0	-560.0	4.0	0.0	33.4	30.5
2939	1640.0	-560.0	4.0	0.0	33.5	31.1
2940	1660.0	-560.0	4.0	0.0	33.3	30.8
2941	1680.0	-560.0	4.0	0.0	33.2	30.6
2942	1700.0	-560.0	4.0	0.0	33.1	30.2
2943	1720.0	-560.0	4.0	0.0	32.8	29.9
2944	1740.0	-560.0	4.0	0.0	32.6	29.6
2945	1760.0	-560.0	4.0	0.0	31.5	29.3
2946	1780.0	-560.0	4.0	0.0	31.3	29.1
2947	1800.0	-560.0	4.0	0.0	30.2	28.8
2948	1820.0	-560.0	4.0	0.0	29.9	28.6
2949	1840.0	-560.0	4.0	0.0	29.6	28.2
2950	1860.0	-560.0	4.0	0.0	29.3	27.9

2951	1880.0	-560.0	4.0	0.0	29.1	27.7
2952	1900.0	-560.0	4.0	0.0	28.7	27.2
2953	1920.0	-560.0	4.0	0.0	28.4	26.8
2954	1940.0	-560.0	4.0	0.0	28.2	26.5
2955	1960.0	-560.0	4.0	0.0	28.0	26.3
2956	1980.0	-560.0	4.0	0.0	27.8	26.1
2957	2000.0	-560.0	4.0	0.0	27.6	25.9
2958	2020.0	-560.0	4.0	0.0	27.4	25.7
2959	0.0	-580.0	4.0	0.0	37.8	36.6
2960	20.0	-580.0	4.0	0.0	38.0	36.9
2961	40.0	-580.0	4.0	0.0	38.2	37.1
2962	60.0	-580.0	4.0	0.0	38.5	37.4
2963	80.0	-580.0	4.0	0.0	38.9	37.8
2964	100.0	-580.0	4.0	0.0	39.1	38.1
2965	120.0	-580.0	4.0	0.0	39.5	38.5
2966	140.0	-580.0	4.0	0.0	39.8	38.8
2967	160.0	-580.0	4.0	0.0	40.0	39.0
2968	180.0	-580.0	4.0	0.0	40.3	39.3
2969	200.0	-580.0	4.0	0.0	40.5	39.5
2970	220.0	-580.0	4.0	0.0	40.8	39.8
2971	240.0	-580.0	4.0	0.0	41.2	40.3
2972	260.0	-580.0	4.0	0.0	41.7	40.8
2973	280.0	-580.0	4.0	0.0	42.2	41.2
2974	300.0	-580.0	4.0	0.0	42.6	41.7
2975	320.0	-580.0	4.0	0.0	43.0	42.1
2976	340.0	-580.0	4.0	0.0	43.3	42.4
2977	360.0	-580.0	4.0	0.0	43.7	42.8
2978	380.0	-580.0	4.0	0.0	44.0	43.1
2979	400.0	-580.0	4.0	0.0	44.4	43.5
2980	420.0	-580.0	4.0	0.0	44.8	43.9
2981	440.0	-580.0	4.0	0.0	45.2	44.3
2982	460.0	-580.0	4.0	0.0	45.6	44.7
2983	480.0	-580.0	4.0	0.0	46.2	45.1
2984	500.0	-580.0	4.0	0.0	46.5	45.3
2985	520.0	-580.0	4.0	0.0	46.8	45.6
2986	540.0	-580.0	4.0	0.0	47.1	45.8
2987	560.0	-580.0	4.0	0.0	47.5	46.1
2988	580.0	-580.0	4.0	0.0	47.6	46.1
2989	600.0	-580.0	4.0	0.0	48.6	45.9
2990	620.0	-580.0	4.0	0.0	48.8	45.7
2991	640.0	-580.0	4.0	0.0	49.0	46.0
2992	660.0	-580.0	4.0	0.0	51.0	50.6
2993	680.0	-580.0	4.0	0.0	48.2	44.6
3000	820.0	-580.0	4.0	0.0	50.0	49.3
3001	840.0	-580.0	4.0	0.0	54.9	55.5
3002	860.0	-580.0	4.0	0.0	51.0	50.5
3009	1000.0	-580.0	4.0	0.0	50.8	50.8
3010	1020.0	-580.0	4.0	0.0	53.8	54.5
3011	1040.0	-580.0	4.0	0.0	51.1	51.2
3016	1140.0	-580.0	4.0	0.0	43.5	41.2
3017	1160.0	-580.0	4.0	0.0	40.3	39.8
3018	1180.0	-580.0	4.0	0.0	36.5	35.3
3019	1200.0	-580.0	4.0	0.0	37.0	36.2
3020	1220.0	-580.0	4.0	0.0	37.4	36.7
3021	1240.0	-580.0	4.0	0.0	43.4	42.9
3022	1260.0	-580.0	4.0	0.0	43.7	43.4
3023	1280.0	-580.0	4.0	0.0	46.3	49.7
3024	1300.0	-580.0	4.0	0.0	43.4	42.9
3025	1320.0	-580.0	4.0	0.0	42.9	41.8
3026	1340.0	-580.0	4.0	0.0	38.9	38.3
3027	1360.0	-580.0	4.0	0.0	34.8	33.9
3028	1380.0	-580.0	4.0	0.0	34.6	33.8
3029	1400.0	-580.0	4.0	0.0	35.8	33.9
3030	1420.0	-580.0	4.0	0.0	36.2	33.7
3031	1440.0	-580.0	4.0	0.0	36.2	33.2
3032	1460.0	-580.0	4.0	0.0	36.0	32.7
3033	1480.0	-580.0	4.0	0.0	35.5	32.1
3034	1500.0	-580.0	4.0	0.0	35.1	31.6
3035	1520.0	-580.0	4.0	0.0	37.4	35.9
3036	1540.0	-580.0	4.0	0.0	34.2	30.9
3037	1560.0	-580.0	4.0	0.0	33.9	30.5
3038	1580.0	-580.0	4.0	0.0	33.5	29.9
3039	1600.0	-580.0	4.0	0.0	33.3	30.1
3040	1620.0	-580.0	4.0	0.0	33.5	30.6



3041	1640.0	-580.0	4.0	0.0	33.8	31.1
3042	1660.0	-580.0	4.0	0.0	33.6	30.7
3043	1680.0	-580.0	4.0	0.0	33.5	30.4
3044	1700.0	-580.0	4.0	0.0	33.2	30.1
3045	1720.0	-580.0	4.0	0.0	32.1	29.9
3046	1740.0	-580.0	4.0	0.0	31.9	29.6
3047	1760.0	-580.0	4.0	0.0	30.8	29.4
3048	1780.0	-580.0	4.0	0.0	30.5	29.1
3049	1800.0	-580.0	4.0	0.0	30.3	28.9
3050	1820.0	-580.0	4.0	0.0	30.0	28.6
3051	1840.0	-580.0	4.0	0.0	29.7	28.3
3052	1860.0	-580.0	4.0	0.0	29.5	28.0
3053	1880.0	-580.0	4.0	0.0	29.2	27.7
3054	1900.0	-580.0	4.0	0.0	28.8	27.3
3055	1920.0	-580.0	4.0	0.0	28.4	26.8
3056	1940.0	-580.0	4.0	0.0	28.2	26.6
3057	1960.0	-580.0	4.0	0.0	28.0	26.3
3058	1980.0	-580.0	4.0	0.0	27.8	26.1
3059	2000.0	-580.0	4.0	0.0	27.6	25.9
3060	2020.0	-580.0	4.0	0.0	27.4	25.7
3061	0.0	-600.0	4.0	0.0	37.9	36.7
3062	20.0	-600.0	4.0	0.0	38.1	36.9
3063	40.0	-600.0	4.0	0.0	38.2	37.1
3064	60.0	-600.0	4.0	0.0	38.5	37.4
3065	80.0	-600.0	4.0	0.0	38.9	37.9
3066	100.0	-600.0	4.0	0.0	39.2	38.1
3067	120.0	-600.0	4.0	0.0	39.6	38.5
3068	140.0	-600.0	4.0	0.0	39.8	38.8
3069	160.0	-600.0	4.0	0.0	40.1	39.1
3070	180.0	-600.0	4.0	0.0	40.4	39.3
3071	200.0	-600.0	4.0	0.0	40.6	39.5
3072	220.0	-600.0	4.0	0.0	40.9	39.8
3073	240.0	-600.0	4.0	0.0	41.2	40.1
3074	260.0	-600.0	4.0	0.0	41.5	40.5
3075	280.0	-600.0	4.0	0.0	41.9	40.9
3076	300.0	-600.0	4.0	0.0	42.4	41.4
3077	320.0	-600.0	4.0	0.0	42.8	41.8
3078	340.0	-600.0	4.0	0.0	43.3	42.3
3079	360.0	-600.0	4.0	0.0	43.7	42.8
3080	380.0	-600.0	4.0	0.0	44.1	43.1
3081	400.0	-600.0	4.0	0.0	44.5	43.5
3082	420.0	-600.0	4.0	0.0	44.9	43.9
3083	440.0	-600.0	4.0	0.0	45.3	44.3
3084	460.0	-600.0	4.0	0.0	45.8	44.7
3085	480.0	-600.0	4.0	0.0	46.3	45.1
3086	500.0	-600.0	4.0	0.0	46.8	45.5
3087	520.0	-600.0	4.0	0.0	47.0	45.7
3088	540.0	-600.0	4.0	0.0	47.3	45.8
3089	560.0	-600.0	4.0	0.0	47.7	46.0
3090	580.0	-600.0	4.0	0.0	47.9	45.9
3091	600.0	-600.0	4.0	0.0	48.2	45.8
3092	620.0	-600.0	4.0	0.0	49.4	45.6
3093	640.0	-600.0	4.0	0.0	49.8	46.1
3094	660.0	-600.0	4.0	0.0	52.6	52.4
3095	680.0	-600.0	4.0	0.0	49.0	43.5
3102	820.0	-600.0	4.0	0.0	50.1	49.7
3103	840.0	-600.0	4.0	0.0	55.1	55.8
3104	860.0	-600.0	4.0	0.0	50.5	50.0
3111	1000.0	-600.0	4.0	0.0	51.4	51.4
3112	1020.0	-600.0	4.0	0.0	55.1	55.9
3113	1040.0	-600.0	4.0	0.0	51.3	51.3
3118	1140.0	-600.0	4.0	0.0	44.6	42.3
3119	1160.0	-600.0	4.0	0.0	38.4	37.4
3120	1180.0	-600.0	4.0	0.0	37.0	35.7
3121	1200.0	-600.0	4.0	0.0	37.5	36.5
3122	1220.0	-600.0	4.0	0.0	37.8	37.0
3123	1240.0	-600.0	4.0	0.0	44.0	43.3
3124	1260.0	-600.0	4.0	0.0	44.2	43.8
3125	1280.0	-600.0	4.0	0.0	46.6	49.8
3126	1300.0	-600.0	4.0	0.0	43.8	43.1
3127	1320.0	-600.0	4.0	0.0	43.2	42.0
3128	1340.0	-600.0	4.0	0.0	35.9	35.1
3129	1360.0	-600.0	4.0	0.0	35.0	34.1
3130	1380.0	-600.0	4.0	0.0	36.3	34.3

3131	1400.0	-600.0	4.0	0.0	37.2	34.2
3132	1420.0	-600.0	4.0	0.0	37.0	33.7
3133	1440.0	-600.0	4.0	0.0	36.6	33.2
3134	1460.0	-600.0	4.0	0.0	36.1	32.7
3135	1480.0	-600.0	4.0	0.0	35.6	32.2
3136	1500.0	-600.0	4.0	0.0	35.2	31.8
3137	1520.0	-600.0	4.0	0.0	34.7	31.4
3138	1540.0	-600.0	4.0	0.0	34.3	30.8
3139	1560.0	-600.0	4.0	0.0	33.9	30.5
3140	1580.0	-600.0	4.0	0.0	33.7	30.2
3141	1600.0	-600.0	4.0	0.0	33.8	30.2
3142	1620.0	-600.0	4.0	0.0	34.0	30.6
3143	1640.0	-600.0	4.0	0.0	34.2	30.9
3144	1660.0	-600.0	4.0	0.0	33.9	30.6
3145	1680.0	-600.0	4.0	0.0	32.7	30.3
3146	1700.0	-600.0	4.0	0.0	31.5	30.1
3147	1720.0	-600.0	4.0	0.0	31.3	29.9
3148	1740.0	-600.0	4.0	0.0	31.0	29.6
3149	1760.0	-600.0	4.0	0.0	30.8	29.4
3150	1780.0	-600.0	4.0	0.0	30.6	29.2
3151	1800.0	-600.0	4.0	0.0	30.3	28.9
3152	1820.0	-600.0	4.0	0.0	30.1	28.7
3153	1840.0	-600.0	4.0	0.0	29.8	28.4
3154	1860.0	-600.0	4.0	0.0	29.5	28.1
3155	1880.0	-600.0	4.0	0.0	29.2	27.7
3156	1900.0	-600.0	4.0	0.0	28.9	27.4
3157	1920.0	-600.0	4.0	0.0	28.5	26.9
3158	1940.0	-600.0	4.0	0.0	28.3	26.7
3159	1960.0	-600.0	4.0	0.0	28.1	26.4
3160	1980.0	-600.0	4.0	0.0	27.8	26.2
3161	2000.0	-600.0	4.0	0.0	27.6	26.0
3162	2020.0	-600.0	4.0	0.0	27.4	25.8
3163	0.0	-620.0	4.0	0.0	38.1	36.8
3164	20.0	-620.0	4.0	0.0	38.4	37.0
3165	40.0	-620.0	4.0	0.0	38.4	37.2
3166	60.0	-620.0	4.0	0.0	38.5	37.4
3167	80.0	-620.0	4.0	0.0	38.9	37.9
3168	100.0	-620.0	4.0	0.0	39.2	38.1
3169	120.0	-620.0	4.0	0.0	39.6	38.6
3170	140.0	-620.0	4.0	0.0	39.9	38.8
3171	160.0	-620.0	4.0	0.0	40.2	39.1
3172	180.0	-620.0	4.0	0.0	40.4	39.3
3173	200.0	-620.0	4.0	0.0	40.7	39.6
3174	220.0	-620.0	4.0	0.0	40.9	39.9
3175	240.0	-620.0	4.0	0.0	41.3	40.2
3176	260.0	-620.0	4.0	0.0	41.6	40.5
3177	280.0	-620.0	4.0	0.0	41.9	40.8
3178	300.0	-620.0	4.0	0.0	42.3	41.2
3179	320.0	-620.0	4.0	0.0	42.6	41.5
3180	340.0	-620.0	4.0	0.0	43.0	41.9
3181	360.0	-620.0	4.0	0.0	43.6	42.5
3182	380.0	-620.0	4.0	0.0	44.1	43.0
3183	400.0	-620.0	4.0	0.0	44.5	43.5
3184	420.0	-620.0	4.0	0.0	44.9	43.8
3185	440.0	-620.0	4.0	0.0	45.3	44.2
3186	460.0	-620.0	4.0	0.0	45.9	44.6
3187	480.0	-620.0	4.0	0.0	46.4	45.0
3188	500.0	-620.0	4.0	0.0	46.9	45.4
3189	520.0	-620.0	4.0	0.0	47.2	45.7
3190	540.0	-620.0	4.0	0.0	47.7	46.0
3191	560.0	-620.0	4.0	0.0	48.1	46.0
3192	580.0	-620.0	4.0	0.0	48.3	45.8
3193	600.0	-620.0	4.0	0.0	48.9	45.7
3194	620.0	-620.0	4.0	0.0	49.2	45.4
3195	640.0	-620.0	4.0	0.0	51.0	46.1
3196	660.0	-620.0	4.0	0.0	52.9	51.5
3197	680.0	-620.0	4.0	0.0	50.3	42.1
3204	820.0	-620.0	4.0	0.0	50.1	49.8
3205	840.0	-620.0	4.0	0.0	53.3	53.8
3206	860.0	-620.0	4.0	0.0	50.0	49.5
3213	1000.0	-620.0	4.0	0.0	51.6	51.6
3214	1020.0	-620.0	4.0	0.0	54.4	55.1
3215	1040.0	-620.0	4.0	0.0	51.3	51.3
3220	1140.0	-620.0	4.0	0.0	45.6	43.2

3221	1160.0	-620.0	4.0	0.0	36.9	34.9
3222	1180.0	-620.0	4.0	0.0	37.5	36.1
3223	1200.0	-620.0	4.0	0.0	38.0	36.7
3224	1220.0	-620.0	4.0	0.0	38.2	37.5
3225	1240.0	-620.0	4.0	0.0	44.6	43.5
3226	1260.0	-620.0	4.0	0.0	44.7	44.0
3227	1280.0	-620.0	4.0	0.0	46.7	49.6
3228	1300.0	-620.0	4.0	0.0	44.1	43.2
3229	1320.0	-620.0	4.0	0.0	43.5	42.1
3230	1340.0	-620.0	4.0	0.0	35.5	34.5
3231	1360.0	-620.0	4.0	0.0	37.6	35.0
3232	1380.0	-620.0	4.0	0.0	38.1	34.8
3233	1400.0	-620.0	4.0	0.0	37.8	34.5
3234	1420.0	-620.0	4.0	0.0	37.3	34.0
3235	1440.0	-620.0	4.0	0.0	36.8	33.5
3236	1460.0	-620.0	4.0	0.0	36.1	32.9
3237	1480.0	-620.0	4.0	0.0	35.7	32.4
3238	1500.0	-620.0	4.0	0.0	35.3	32.0
3239	1520.0	-620.0	4.0	0.0	34.9	31.4
3240	1540.0	-620.0	4.0	0.0	34.6	31.0
3241	1560.0	-620.0	4.0	0.0	34.4	30.5
3242	1580.0	-620.0	4.0	0.0	34.2	30.1
3243	1600.0	-620.0	4.0	0.0	34.4	30.5
3244	1620.0	-620.0	4.0	0.0	34.3	30.6
3245	1640.0	-620.0	4.0	0.0	33.2	30.8
3246	1660.0	-620.0	4.0	0.0	32.1	30.7
3247	1680.0	-620.0	4.0	0.0	31.7	30.4
3248	1700.0	-620.0	4.0	0.0	32.1	31.0
3249	1720.0	-620.0	4.0	0.0	32.5	31.5
3250	1740.0	-620.0	4.0	0.0	32.2	31.2
3251	1760.0	-620.0	4.0	0.0	31.9	30.9
3252	1780.0	-620.0	4.0	0.0	31.7	30.7
3253	1800.0	-620.0	4.0	0.0	31.4	30.4
3254	1820.0	-620.0	4.0	0.0	31.2	30.2
3255	1840.0	-620.0	4.0	0.0	30.9	29.9
3256	1860.0	-620.0	4.0	0.0	30.6	29.6
3257	1880.0	-620.0	4.0	0.0	30.2	29.2
3258	1900.0	-620.0	4.0	0.0	30.0	28.9
3259	1920.0	-620.0	4.0	0.0	29.6	28.6
3260	1940.0	-620.0	4.0	0.0	29.4	28.3
3261	1960.0	-620.0	4.0	0.0	29.2	28.1
3262	1980.0	-620.0	4.0	0.0	29.0	27.9
3263	2000.0	-620.0	4.0	0.0	28.7	27.6
3264	2020.0	-620.0	4.0	0.0	28.5	27.4
3265	0.0	-640.0	4.0	0.0	38.1	36.8
3266	20.0	-640.0	4.0	0.0	38.4	37.0
3267	40.0	-640.0	4.0	0.0	38.6	37.2
3268	60.0	-640.0	4.0	0.0	38.9	37.5
3269	80.0	-640.0	4.0	0.0	39.2	37.9
3270	100.0	-640.0	4.0	0.0	39.4	38.2
3271	120.0	-640.0	4.0	0.0	39.8	38.6
3272	140.0	-640.0	4.0	0.0	40.1	38.9
3273	160.0	-640.0	4.0	0.0	40.4	39.2
3274	180.0	-640.0	4.0	0.0	40.6	39.4
3275	200.0	-640.0	4.0	0.0	40.9	39.6
3276	220.0	-640.0	4.0	0.0	41.0	39.9
3277	240.0	-640.0	4.0	0.0	41.3	40.2
3278	260.0	-640.0	4.0	0.0	41.6	40.5
3279	280.0	-640.0	4.0	0.0	41.9	40.8
3280	300.0	-640.0	4.0	0.0	42.3	41.2
3281	320.0	-640.0	4.0	0.0	42.7	41.5
3282	340.0	-640.0	4.0	0.0	43.0	41.9
3283	360.0	-640.0	4.0	0.0	43.4	42.2
3284	380.0	-640.0	4.0	0.0	43.9	42.6
3285	400.0	-640.0	4.0	0.0	44.5	43.2
3286	420.0	-640.0	4.0	0.0	45.0	43.7
3287	440.0	-640.0	4.0	0.0	45.4	44.2
3288	460.0	-640.0	4.0	0.0	46.0	44.6
3289	480.0	-640.0	4.0	0.0	46.4	45.0
3290	500.0	-640.0	4.0	0.0	46.9	45.4
3291	520.0	-640.0	4.0	0.0	47.3	45.6
3292	540.0	-640.0	4.0	0.0	47.9	45.9
3293	560.0	-640.0	4.0	0.0	48.5	46.2
3294	580.0	-640.0	4.0	0.0	49.1	46.1

3295	600.0	-640.0	4.0	0.0	49.7	45.6
3296	620.0	-640.0	4.0	0.0	50.5	45.3
3297	640.0	-640.0	4.0	0.0	52.7	46.3
3298	660.0	-640.0	4.0	0.0	53.7	49.2
3299	680.0	-640.0	4.0	0.0	52.5	41.2
3306	820.0	-640.0	4.0	0.0	50.2	50.1
3307	840.0	-640.0	4.0	0.0	51.8	52.0
3308	860.0	-640.0	4.0	0.0	49.5	49.0
3315	1000.0	-640.0	4.0	0.0	51.7	51.6
3316	1020.0	-640.0	4.0	0.0	53.0	53.5
3317	1040.0	-640.0	4.0	0.0	50.9	50.8
3321	1120.0	-640.0	4.0	0.0	46.1	40.8
3322	1140.0	-640.0	4.0	0.0	46.6	43.7
3323	1160.0	-640.0	4.0	0.0	37.6	35.3
3324	1180.0	-640.0	4.0	0.0	38.1	36.3
3325	1200.0	-640.0	4.0	0.0	38.4	36.9
3326	1220.0	-640.0	4.0	0.0	45.0	43.6
3327	1240.0	-640.0	4.0	0.0	45.2	43.7
3328	1260.0	-640.0	4.0	0.0	45.1	44.2
3329	1280.0	-640.0	4.0	0.0	46.7	49.3
3330	1300.0	-640.0	4.0	0.0	44.3	43.2
3331	1320.0	-640.0	4.0	0.0	43.7	42.1
3332	1340.0	-640.0	4.0	0.0	35.5	34.5
3333	1360.0	-640.0	4.0	0.0	41.3	39.6
3334	1380.0	-640.0	4.0	0.0	40.8	39.2
3335	1400.0	-640.0	4.0	0.0	40.3	38.6
3336	1420.0	-640.0	4.0	0.0	39.6	38.0
3337	1440.0	-640.0	4.0	0.0	38.9	37.3
3338	1460.0	-640.0	4.0	0.0	38.4	36.6
3339	1480.0	-640.0	4.0	0.0	38.0	36.1
3340	1500.0	-640.0	4.0	0.0	37.5	35.7
3341	1520.0	-640.0	4.0	0.0	37.3	35.3
3342	1540.0	-640.0	4.0	0.0	37.0	34.8
3343	1560.0	-640.0	4.0	0.0	36.6	34.2
3344	1580.0	-640.0	4.0	0.0	36.2	33.7
3345	1600.0	-640.0	4.0	0.0	36.1	34.8
3346	1620.0	-640.0	4.0	0.0	35.4	34.7
3347	1640.0	-640.0	4.0	0.0	35.6	35.0
3348	1660.0	-640.0	4.0	0.0	35.3	34.7
3349	1680.0	-640.0	4.0	0.0	34.9	34.3
3350	1700.0	-640.0	4.0	0.0	34.7	34.1
3351	1720.0	-640.0	4.0	0.0	34.4	33.8
3352	1740.0	-640.0	4.0	0.0	34.0	33.4
3353	1760.0	-640.0	4.0	0.0	33.7	33.1
3354	1780.0	-640.0	4.0	0.0	33.4	32.8
3355	1800.0	-640.0	4.0	0.0	33.2	32.6
3356	1820.0	-640.0	4.0	0.0	32.9	32.3
3357	1840.0	-640.0	4.0	0.0	32.5	31.9
3358	1860.0	-640.0	4.0	0.0	32.3	31.6
3359	1880.0	-640.0	4.0	0.0	31.9	31.2
3360	1900.0	-640.0	4.0	0.0	31.6	30.9
3361	1920.0	-640.0	4.0	0.0	31.3	30.6
3362	1940.0	-640.0	4.0	0.0	31.1	30.3
3363	1960.0	-640.0	4.0	0.0	30.8	30.1
3364	1980.0	-640.0	4.0	0.0	30.6	29.9
3365	2000.0	-640.0	4.0	0.0	30.4	29.6
3366	2020.0	-640.0	4.0	0.0	30.2	29.4
3367	0.0	-660.0	4.0	0.0	38.0	36.7
3368	20.0	-660.0	4.0	0.0	38.2	37.0
3369	40.0	-660.0	4.0	0.0	38.4	37.2
3370	60.0	-660.0	4.0	0.0	38.8	37.6
3371	80.0	-660.0	4.0	0.0	39.1	37.9
3372	100.0	-660.0	4.0	0.0	39.3	38.2
3373	120.0	-660.0	4.0	0.0	39.7	38.6
3374	140.0	-660.0	4.0	0.0	40.1	38.9
3375	160.0	-660.0	4.0	0.0	40.4	39.1
3376	180.0	-660.0	4.0	0.0	40.6	39.3
3377	200.0	-660.0	4.0	0.0	40.9	39.6
3378	220.0	-660.0	4.0	0.0	41.2	39.9
3379	240.0	-660.0	4.0	0.0	41.5	40.2
3380	260.0	-660.0	4.0	0.0	41.8	40.5
3381	280.0	-660.0	4.0	0.0	42.2	40.9
3382	300.0	-660.0	4.0	0.0	42.5	41.2
3383	320.0	-660.0	4.0	0.0	42.9	41.5

3384	340.0	-660.0	4.0	0.0	43.3	41.9
3385	360.0	-660.0	4.0	0.0	43.6	42.2
3386	380.0	-660.0	4.0	0.0	44.0	42.6
3387	400.0	-660.0	4.0	0.0	44.3	42.9
3388	420.0	-660.0	4.0	0.0	44.7	43.3
3389	440.0	-660.0	4.0	0.0	45.4	44.0
3390	460.0	-660.0	4.0	0.0	46.0	44.5
3391	480.0	-660.0	4.0	0.0	46.6	45.0
3392	500.0	-660.0	4.0	0.0	47.1	45.4
3393	520.0	-660.0	4.0	0.0	47.6	45.5
3394	540.0	-660.0	4.0	0.0	48.1	45.8
3395	560.0	-660.0	4.0	0.0	48.8	46.1
3396	580.0	-660.0	4.0	0.0	49.7	46.0
3397	600.0	-660.0	4.0	0.0	50.9	46.0
3398	620.0	-660.0	4.0	0.0	52.4	45.5
3399	640.0	-660.0	4.0	0.0	54.1	46.7
3400	660.0	-660.0	4.0	0.0	56.2	47.4
3407	800.0	-660.0	4.0	0.0	48.3	47.6
3408	820.0	-660.0	4.0	0.0	50.8	51.0
3409	840.0	-660.0	4.0	0.0	50.7	50.8
3416	980.0	-660.0	4.0	0.0	50.2	49.9
3417	1000.0	-660.0	4.0	0.0	51.7	51.7
3418	1020.0	-660.0	4.0	0.0	52.0	52.3
3419	1040.0	-660.0	4.0	0.0	50.2	50.1
3423	1120.0	-660.0	4.0	0.0	47.6	41.0
3424	1140.0	-660.0	4.0	0.0	45.6	43.6
3425	1160.0	-660.0	4.0	0.0	38.7	35.5
3426	1180.0	-660.0	4.0	0.0	38.8	36.4
3427	1200.0	-660.0	4.0	0.0	38.8	36.9
3428	1220.0	-660.0	4.0	0.0	45.7	43.7
3429	1240.0	-660.0	4.0	0.0	45.8	43.8
3430	1260.0	-660.0	4.0	0.0	45.6	44.3
3431	1280.0	-660.0	4.0	0.0	46.7	49.0
3432	1300.0	-660.0	4.0	0.0	44.5	43.2
3433	1320.0	-660.0	4.0	0.0	43.7	42.0
3434	1340.0	-660.0	4.0	0.0	35.6	34.5
3435	1360.0	-660.0	4.0	0.0	41.3	39.5
3436	1380.0	-660.0	4.0	0.0	40.8	39.1
3437	1400.0	-660.0	4.0	0.0	40.2	38.6
3438	1420.0	-660.0	4.0	0.0	39.7	38.0
3439	1440.0	-660.0	4.0	0.0	39.3	37.6
3440	1460.0	-660.0	4.0	0.0	38.7	37.1
3441	1480.0	-660.0	4.0	0.0	38.4	36.6
3442	1500.0	-660.0	4.0	0.0	38.1	36.2
3443	1520.0	-660.0	4.0	0.0	37.8	35.7
3444	1540.0	-660.0	4.0	0.0	36.5	35.1
3445	1560.0	-660.0	4.0	0.0	35.3	34.4
3446	1580.0	-660.0	4.0	0.0	34.9	34.0
3447	1600.0	-660.0	4.0	0.0	35.7	35.1
3448	1620.0	-660.0	4.0	0.0	35.7	35.2
3449	1640.0	-660.0	4.0	0.0	35.9	35.5
3450	1660.0	-660.0	4.0	0.0	35.7	35.3
3451	1680.0	-660.0	4.0	0.0	35.4	34.9
3452	1700.0	-660.0	4.0	0.0	35.2	34.7
3453	1720.0	-660.0	4.0	0.0	34.9	34.4
3454	1740.0	-660.0	4.0	0.0	34.6	34.1
3455	1760.0	-660.0	4.0	0.0	34.3	33.8
3456	1780.0	-660.0	4.0	0.0	34.0	33.5
3457	1800.0	-660.0	4.0	0.0	33.8	33.2
3458	1820.0	-660.0	4.0	0.0	33.5	33.0
3459	1840.0	-660.0	4.0	0.0	33.2	32.7
3460	1860.0	-660.0	4.0	0.0	32.9	32.4
3461	1880.0	-660.0	4.0	0.0	32.4	31.8
3462	1900.0	-660.0	4.0	0.0	32.1	31.5
3463	1920.0	-660.0	4.0	0.0	31.7	31.1
3464	1940.0	-660.0	4.0	0.0	31.5	30.9
3465	1960.0	-660.0	4.0	0.0	31.3	30.7
3466	1980.0	-660.0	4.0	0.0	31.1	30.4
3467	2000.0	-660.0	4.0	0.0	30.9	30.2
3468	2020.0	-660.0	4.0	0.0	30.6	30.0
3469	0.0	-680.0	4.0	0.0	38.0	36.7
3470	20.0	-680.0	4.0	0.0	38.2	37.0
3471	40.0	-680.0	4.0	0.0	38.4	37.2
3472	60.0	-680.0	4.0	0.0	38.8	37.6

3473	80.0	-680.0	4.0	0.0	39.1	37.9
3474	100.0	-680.0	4.0	0.0	39.3	38.3
3475	120.0	-680.0	4.0	0.0	39.7	38.6
3476	140.0	-680.0	4.0	0.0	39.9	38.9
3477	160.0	-680.0	4.0	0.0	40.2	39.1
3478	180.0	-680.0	4.0	0.0	40.4	39.3
3479	200.0	-680.0	4.0	0.0	40.7	39.6
3480	220.0	-680.0	4.0	0.0	41.0	39.9
3481	240.0	-680.0	4.0	0.0	41.3	40.2
3482	260.0	-680.0	4.0	0.0	41.7	40.5
3483	280.0	-680.0	4.0	0.0	42.0	40.8
3484	300.0	-680.0	4.0	0.0	42.3	41.2
3485	320.0	-680.0	4.0	0.0	42.7	41.5
3486	340.0	-680.0	4.0	0.0	43.1	41.8
3487	360.0	-680.0	4.0	0.0	43.5	42.2
3488	380.0	-680.0	4.0	0.0	43.9	42.5
3489	400.0	-680.0	4.0	0.0	44.4	42.9
3490	420.0	-680.0	4.0	0.0	44.9	43.3
3491	440.0	-680.0	4.0	0.0	45.4	43.7
3492	460.0	-680.0	4.0	0.0	45.9	44.1
3493	480.0	-680.0	4.0	0.0	46.5	44.6
3494	500.0	-680.0	4.0	0.0	47.1	45.2
3495	520.0	-680.0	4.0	0.0	47.9	45.6
3496	540.0	-680.0	4.0	0.0	48.5	46.0
3497	560.0	-680.0	4.0	0.0	49.4	46.2
3498	580.0	-680.0	4.0	0.0	50.3	46.2
3499	600.0	-680.0	4.0	0.0	52.0	46.2
3500	620.0	-680.0	4.0	0.0	54.6	45.9
3501	640.0	-680.0	4.0	0.0	58.3	47.9
3502	660.0	-680.0	4.0	0.0	60.0	47.0
3509	800.0	-680.0	4.0	0.0	48.7	48.3
3510	820.0	-680.0	4.0	0.0	52.0	52.4
3511	840.0	-680.0	4.0	0.0	50.1	50.1
3518	980.0	-680.0	4.0	0.0	50.6	49.7
3519	1000.0	-680.0	4.0	0.0	51.9	52.0
3520	1020.0	-680.0	4.0	0.0	51.2	51.3
3525	1120.0	-680.0	4.0	0.0	49.4	41.1
3526	1140.0	-680.0	4.0	0.0	45.2	42.4
3527	1160.0	-680.0	4.0	0.0	40.1	35.6
3528	1180.0	-680.0	4.0	0.0	39.8	36.5
3529	1200.0	-680.0	4.0	0.0	39.3	37.0
3530	1220.0	-680.0	4.0	0.0	46.8	43.9
3531	1240.0	-680.0	4.0	0.0	46.4	43.8
3532	1260.0	-680.0	4.0	0.0	45.9	44.3
3533	1280.0	-680.0	4.0	0.0	46.7	48.6
3534	1300.0	-680.0	4.0	0.0	44.7	43.1
3535	1320.0	-680.0	4.0	0.0	42.5	40.7
3536	1340.0	-680.0	4.0	0.0	35.6	34.4
3537	1360.0	-680.0	4.0	0.0	41.1	39.4
3538	1380.0	-680.0	4.0	0.0	40.6	38.9
3539	1400.0	-680.0	4.0	0.0	40.0	38.4
3540	1420.0	-680.0	4.0	0.0	39.5	37.9
3541	1440.0	-680.0	4.0	0.0	39.2	37.5
3542	1460.0	-680.0	4.0	0.0	38.9	37.1
3543	1480.0	-680.0	4.0	0.0	38.6	36.5
3544	1500.0	-680.0	4.0	0.0	37.3	36.0
3545	1520.0	-680.0	4.0	0.0	36.3	35.6
3546	1540.0	-680.0	4.0	0.0	35.9	35.2
3547	1560.0	-680.0	4.0	0.0	35.5	34.8
3548	1580.0	-680.0	4.0	0.0	35.2	34.4
3549	1600.0	-680.0	4.0	0.0	36.0	35.4
3550	1620.0	-680.0	4.0	0.0	36.4	35.9
3551	1640.0	-680.0	4.0	0.0	36.1	35.6
3552	1660.0	-680.0	4.0	0.0	35.8	35.3
3553	1680.0	-680.0	4.0	0.0	35.4	34.9
3554	1700.0	-680.0	4.0	0.0	35.2	34.8
3555	1720.0	-680.0	4.0	0.0	35.0	34.5
3556	1740.0	-680.0	4.0	0.0	34.7	34.2
3557	1760.0	-680.0	4.0	0.0	34.5	34.0
3558	1780.0	-680.0	4.0	0.0	34.2	33.7
3559	1800.0	-680.0	4.0	0.0	34.0	33.4
3560	1820.0	-680.0	4.0	0.0	33.7	33.1
3561	1840.0	-680.0	4.0	0.0	33.5	32.9
3562	1860.0	-680.0	4.0	0.0	33.2	32.6

3563	1880.0	-680.0	4.0	0.0	32.8	32.1
3564	1900.0	-680.0	4.0	0.0	32.4	31.7
3565	1920.0	-680.0	4.0	0.0	32.0	31.3
3566	1940.0	-680.0	4.0	0.0	31.8	31.0
3567	1960.0	-680.0	4.0	0.0	31.6	30.7
3568	1980.0	-680.0	4.0	0.0	31.4	30.5
3569	2000.0	-680.0	4.0	0.0	31.1	30.2
3570	2020.0	-680.0	4.0	0.0	30.9	30.0
3571	0.0	-700.0	4.0	0.0	38.0	36.7
3572	20.0	-700.0	4.0	0.0	38.2	37.0
3573	40.0	-700.0	4.0	0.0	38.4	37.2
3574	60.0	-700.0	4.0	0.0	38.8	37.6
3575	80.0	-700.0	4.0	0.0	39.1	37.9
3576	100.0	-700.0	4.0	0.0	39.5	38.3
3577	120.0	-700.0	4.0	0.0	39.6	38.5
3578	140.0	-700.0	4.0	0.0	39.9	38.8
3579	160.0	-700.0	4.0	0.0	40.2	39.1
3580	180.0	-700.0	4.0	0.0	40.4	39.3
3581	200.0	-700.0	4.0	0.0	40.7	39.6
3582	220.0	-700.0	4.0	0.0	41.0	39.9
3583	240.0	-700.0	4.0	0.0	41.3	40.1
3584	260.0	-700.0	4.0	0.0	41.6	40.5
3585	280.0	-700.0	4.0	0.0	42.0	40.8
3586	300.0	-700.0	4.0	0.0	42.3	41.1
3587	320.0	-700.0	4.0	0.0	42.7	41.4
3588	340.0	-700.0	4.0	0.0	43.0	41.8
3589	360.0	-700.0	4.0	0.0	43.4	42.1
3590	380.0	-700.0	4.0	0.0	43.8	42.4
3591	400.0	-700.0	4.0	0.0	44.2	42.8
3592	420.0	-700.0	4.0	0.0	44.7	43.2
3593	440.0	-700.0	4.0	0.0	45.2	43.6
3594	460.0	-700.0	4.0	0.0	45.7	44.0
3595	480.0	-700.0	4.0	0.0	46.3	44.4
3596	500.0	-700.0	4.0	0.0	46.8	44.8
3597	520.0	-700.0	4.0	0.0	47.5	45.1
3598	540.0	-700.0	4.0	0.0	48.3	45.7
3599	560.0	-700.0	4.0	0.0	49.4	46.1
3600	580.0	-700.0	4.0	0.0	50.6	46.2
3601	600.0	-700.0	4.0	0.0	52.6	46.4
3602	620.0	-700.0	4.0	0.0	56.0	46.8
3603	640.0	-700.0	4.0	0.0	62.8	47.8
3604	660.0	-700.0	4.0	0.0	74.3	50.7
3605	680.0	-700.0	4.0	0.0	62.0	53.4
3606	700.0	-700.0	4.0	0.0	58.1	53.7
3607	720.0	-700.0	4.0	0.0	58.5	57.4
3611	800.0	-700.0	4.0	0.0	50.3	50.1
3612	820.0	-700.0	4.0	0.0	53.9	54.6
3613	840.0	-700.0	4.0	0.0	49.9	50.0
3620	980.0	-700.0	4.0	0.0	52.6	49.5
3621	1000.0	-700.0	4.0	0.0	53.5	52.9
3622	1020.0	-700.0	4.0	0.0	51.6	50.7
3627	1120.0	-700.0	4.0	0.0	51.8	41.5
3628	1140.0	-700.0	4.0	0.0	53.4	44.3
3629	1160.0	-700.0	4.0	0.0	52.6	44.9
3630	1180.0	-700.0	4.0	0.0	50.6	44.8
3631	1200.0	-700.0	4.0	0.0	48.8	44.3
3632	1220.0	-700.0	4.0	0.0	47.6	44.0
3633	1240.0	-700.0	4.0	0.0	46.8	43.9
3634	1260.0	-700.0	4.0	0.0	46.2	44.5
3635	1280.0	-700.0	4.0	0.0	46.8	48.3
3636	1300.0	-700.0	4.0	0.0	44.9	43.0
3637	1320.0	-700.0	4.0	0.0	40.0	38.2
3638	1340.0	-700.0	4.0	0.0	35.6	34.3
3639	1360.0	-700.0	4.0	0.0	35.1	33.8
3640	1380.0	-700.0	4.0	0.0	34.7	33.4
3641	1400.0	-700.0	4.0	0.0	38.6	35.9
3642	1420.0	-700.0	4.0	0.0	38.7	36.0
3643	1440.0	-700.0	4.0	0.0	38.8	36.1
3644	1460.0	-700.0	4.0	0.0	38.7	36.4
3645	1480.0	-700.0	4.0	0.0	37.0	36.2
3646	1500.0	-700.0	4.0	0.0	36.6	35.9
3647	1520.0	-700.0	4.0	0.0	36.3	35.5
3648	1540.0	-700.0	4.0	0.0	36.0	35.1
3649	1560.0	-700.0	4.0	0.0	35.7	34.7

3650	1580.0	-700.0	4.0	0.0	35.3	34.3
3651	1600.0	-700.0	4.0	0.0	36.1	35.3
3652	1620.0	-700.0	4.0	0.0	36.6	36.0
3653	1640.0	-700.0	4.0	0.0	36.3	35.6
3654	1660.0	-700.0	4.0	0.0	36.1	35.4
3655	1680.0	-700.0	4.0	0.0	35.9	35.2
3656	1700.0	-700.0	4.0	0.0	35.7	35.0
3657	1720.0	-700.0	4.0	0.0	35.5	34.7
3658	1740.0	-700.0	4.0	0.0	35.2	34.4
3659	1760.0	-700.0	4.0	0.0	34.9	34.0
3660	1780.0	-700.0	4.0	0.0	34.5	33.7
3661	1800.0	-700.0	4.0	0.0	34.3	33.4
3662	1820.0	-700.0	4.0	0.0	34.0	33.1
3663	1840.0	-700.0	4.0	0.0	33.8	32.9
3664	1860.0	-700.0	4.0	0.0	33.6	32.6
3665	1880.0	-700.0	4.0	0.0	33.2	32.1
3666	1900.0	-700.0	4.0	0.0	32.8	31.7
3667	1920.0	-700.0	4.0	0.0	32.5	31.4
3668	1940.0	-700.0	4.0	0.0	32.3	31.1
3669	1960.0	-700.0	4.0	0.0	32.4	30.9
3670	1980.0	-700.0	4.0	0.0	32.2	30.7
3671	2000.0	-700.0	4.0	0.0	32.1	30.5
3672	2020.0	-700.0	4.0	0.0	31.9	30.2
3673	0.0	-720.0	4.0	0.0	38.2	36.7
3674	20.0	-720.0	4.0	0.0	38.4	36.9
3675	40.0	-720.0	4.0	0.0	38.6	37.2
3676	60.0	-720.0	4.0	0.0	39.0	37.6
3677	80.0	-720.0	4.0	0.0	39.3	37.9
3678	100.0	-720.0	4.0	0.0	39.7	38.3
3679	120.0	-720.0	4.0	0.0	39.9	38.5
3680	140.0	-720.0	4.0	0.0	40.1	38.8
3681	160.0	-720.0	4.0	0.0	40.3	39.0
3682	180.0	-720.0	4.0	0.0	40.5	39.2
3683	200.0	-720.0	4.0	0.0	40.8	39.5
3684	220.0	-720.0	4.0	0.0	41.1	39.8
3685	240.0	-720.0	4.0	0.0	41.4	40.1
3686	260.0	-720.0	4.0	0.0	41.8	40.4
3687	280.0	-720.0	4.0	0.0	42.1	40.7
3688	300.0	-720.0	4.0	0.0	42.4	41.0
3689	320.0	-720.0	4.0	0.0	42.8	41.3
3690	340.0	-720.0	4.0	0.0	43.2	41.7
3691	360.0	-720.0	4.0	0.0	43.5	42.0
3692	380.0	-720.0	4.0	0.0	43.9	42.3
3693	400.0	-720.0	4.0	0.0	44.3	42.7
3694	420.0	-720.0	4.0	0.0	44.8	43.1
3695	440.0	-720.0	4.0	0.0	45.3	43.5
3696	460.0	-720.0	4.0	0.0	45.8	43.9
3697	480.0	-720.0	4.0	0.0	46.3	44.3
3698	500.0	-720.0	4.0	0.0	46.8	44.6
3699	520.0	-720.0	4.0	0.0	47.4	44.9
3700	540.0	-720.0	4.0	0.0	48.3	45.3
3701	560.0	-720.0	4.0	0.0	49.1	45.5
3702	580.0	-720.0	4.0	0.0	50.5	46.1
3703	600.0	-720.0	4.0	0.0	52.4	46.7
3704	620.0	-720.0	4.0	0.0	55.3	47.4
3705	640.0	-720.0	4.0	0.0	59.8	48.2
3706	660.0	-720.0	4.0	0.0	62.5	49.0
3707	680.0	-720.0	4.0	0.0	58.4	50.3
3708	700.0	-720.0	4.0	0.0	56.8	51.8
3709	720.0	-720.0	4.0	0.0	57.7	57.1
3710	740.0	-720.0	4.0	0.0	57.4	57.0
3711	760.0	-720.0	4.0	0.0	55.8	55.7
3712	780.0	-720.0	4.0	0.0	56.1	56.7
3713	800.0	-720.0	4.0	0.0	57.3	58.3
3715	840.0	-720.0	4.0	0.0	54.6	54.5
3722	980.0	-720.0	4.0	0.0	53.2	50.4
3723	1000.0	-720.0	4.0	0.0	55.9	54.6
3724	1020.0	-720.0	4.0	0.0	55.9	50.3
3729	1120.0	-720.0	4.0	0.0	54.7	43.2
3730	1140.0	-720.0	4.0	0.0	61.6	44.9
3731	1160.0	-720.0	4.0	0.0	57.9	46.1
3732	1180.0	-720.0	4.0	0.0	52.6	46.4
3733	1200.0	-720.0	4.0	0.0	50.1	46.1
3734	1220.0	-720.0	4.0	0.0	48.7	45.6



3735	1240.0	-720.0	4.0	0.0	47.4	45.0
3736	1260.0	-720.0	4.0	0.0	46.6	45.1
3737	1280.0	-720.0	4.0	0.0	46.9	47.9
3738	1300.0	-720.0	4.0	0.0	45.2	42.9
3739	1320.0	-720.0	4.0	0.0	44.4	41.4
3740	1340.0	-720.0	4.0	0.0	39.9	35.9
3741	1360.0	-720.0	4.0	0.0	37.9	35.0
3742	1380.0	-720.0	4.0	0.0	35.5	33.5
3743	1400.0	-720.0	4.0	0.0	39.6	35.4
3744	1420.0	-720.0	4.0	0.0	39.1	34.8
3745	1440.0	-720.0	4.0	0.0	36.9	34.5
3746	1460.0	-720.0	4.0	0.0	37.4	34.2
3747	1480.0	-720.0	4.0	0.0	37.2	34.0
3748	1500.0	-720.0	4.0	0.0	37.1	34.1
3749	1520.0	-720.0	4.0	0.0	36.8	33.8
3750	1540.0	-720.0	4.0	0.0	36.7	33.9
3751	1560.0	-720.0	4.0	0.0	36.7	34.0
3752	1580.0	-720.0	4.0	0.0	36.9	34.6
3753	1600.0	-720.0	4.0	0.0	36.7	35.2
3754	1620.0	-720.0	4.0	0.0	37.2	35.9
3755	1640.0	-720.0	4.0	0.0	36.9	35.7
3756	1660.0	-720.0	4.0	0.0	36.6	35.4
3757	1680.0	-720.0	4.0	0.0	36.4	35.2
3758	1700.0	-720.0	4.0	0.0	36.2	34.9
3759	1720.0	-720.0	4.0	0.0	35.9	34.7
3760	1740.0	-720.0	4.0	0.0	35.7	34.4
3761	1760.0	-720.0	4.0	0.0	35.4	34.2
3762	1780.0	-720.0	4.0	0.0	34.5	33.9
3763	1800.0	-720.0	4.0	0.0	34.3	33.7
3764	1820.0	-720.0	4.0	0.0	34.0	33.4
3765	1840.0	-720.0	4.0	0.0	33.7	33.1
3766	1860.0	-720.0	4.0	0.0	33.4	32.7
3767	1880.0	-720.0	4.0	0.0	32.9	32.2
3768	1900.0	-720.0	4.0	0.0	32.3	31.6
3769	1920.0	-720.0	4.0	0.0	32.1	31.4
3770	1940.0	-720.0	4.0	0.0	31.9	31.1
3771	1960.0	-720.0	4.0	0.0	31.6	30.9
3772	1980.0	-720.0	4.0	0.0	31.4	30.7
3773	2000.0	-720.0	4.0	0.0	31.2	30.5
3774	2020.0	-720.0	4.0	0.0	31.0	30.3
3775	0.0	-740.0	4.0	0.0	38.2	36.7
3776	20.0	-740.0	4.0	0.0	38.4	36.9
3777	40.0	-740.0	4.0	0.0	38.6	37.1
3778	60.0	-740.0	4.0	0.0	39.0	37.6
3779	80.0	-740.0	4.0	0.0	39.3	37.8
3780	100.0	-740.0	4.0	0.0	39.7	38.3
3781	120.0	-740.0	4.0	0.0	39.9	38.5
3782	140.0	-740.0	4.0	0.0	40.1	38.7
3783	160.0	-740.0	4.0	0.0	40.3	38.9
3784	180.0	-740.0	4.0	0.0	40.5	39.1
3785	200.0	-740.0	4.0	0.0	40.8	39.4
3786	220.0	-740.0	4.0	0.0	41.1	39.7
3787	240.0	-740.0	4.0	0.0	41.4	40.0
3788	260.0	-740.0	4.0	0.0	41.7	40.3
3789	280.0	-740.0	4.0	0.0	42.1	40.6
3790	300.0	-740.0	4.0	0.0	42.4	41.0
3791	320.0	-740.0	4.0	0.0	42.8	41.3
3792	340.0	-740.0	4.0	0.0	43.1	41.6
3793	360.0	-740.0	4.0	0.0	43.5	41.9
3794	380.0	-740.0	4.0	0.0	43.9	42.2
3795	400.0	-740.0	4.0	0.0	44.3	42.6
3796	420.0	-740.0	4.0	0.0	44.8	42.9
3797	440.0	-740.0	4.0	0.0	45.2	43.3
3798	460.0	-740.0	4.0	0.0	45.7	43.7
3799	480.0	-740.0	4.0	0.0	46.2	44.1
3800	500.0	-740.0	4.0	0.0	46.7	44.4
3801	520.0	-740.0	4.0	0.0	47.3	44.8
3802	540.0	-740.0	4.0	0.0	48.1	45.2
3803	560.0	-740.0	4.0	0.0	48.9	45.6
3804	580.0	-740.0	4.0	0.0	50.1	46.1
3805	600.0	-740.0	4.0	0.0	51.5	46.6
3806	620.0	-740.0	4.0	0.0	53.7	49.0
3807	640.0	-740.0	4.0	0.0	56.3	52.9
3808	660.0	-740.0	4.0	0.0	57.4	54.4

3809	680.0	-740.0	4.0	0.0	56.9	55.4
3810	700.0	-740.0	4.0	0.0	56.7	56.7
3811	720.0	-740.0	4.0	0.0	58.8	59.6
3812	740.0	-740.0	4.0	0.0	54.2	52.4
3813	760.0	-740.0	4.0	0.0	53.1	51.1
3814	780.0	-740.0	4.0	0.0	52.6	50.5
3815	800.0	-740.0	4.0	0.0	52.6	50.3
3816	820.0	-740.0	4.0	0.0	52.8	50.4
3817	840.0	-740.0	4.0	0.0	53.3	50.6
3818	860.0	-740.0	4.0	0.0	54.0	51.0
3819	880.0	-740.0	4.0	0.0	56.3	53.4
3820	900.0	-740.0	4.0	0.0	60.5	58.1
3821	920.0	-740.0	4.0	0.0	63.1	55.8
3822	940.0	-740.0	4.0	0.0	71.2	55.2
3823	960.0	-740.0	4.0	0.0	63.7	56.0
3824	980.0	-740.0	4.0	0.0	58.5	56.1
3825	1000.0	-740.0	4.0	0.0	58.3	56.2
3826	1020.0	-740.0	4.0	0.0	58.5	52.3
3827	1040.0	-740.0	4.0	0.0	62.9	53.3
3828	1060.0	-740.0	4.0	0.0	74.5	56.6
3829	1080.0	-740.0	4.0	0.0	64.4	58.4
3830	1100.0	-740.0	4.0	0.0	59.2	53.2
3831	1120.0	-740.0	4.0	0.0	57.0	51.4
3832	1140.0	-740.0	4.0	0.0	63.6	50.9
3833	1160.0	-740.0	4.0	0.0	58.9	50.7
3834	1180.0	-740.0	4.0	0.0	54.2	50.6
3835	1200.0	-740.0	4.0	0.0	51.7	50.3
3836	1220.0	-740.0	4.0	0.0	50.5	49.9
3837	1240.0	-740.0	4.0	0.0	49.3	49.3
3838	1260.0	-740.0	4.0	0.0	48.4	48.8
3839	1280.0	-740.0	4.0	0.0	47.1	46.0
3840	1300.0	-740.0	4.0	0.0	45.9	42.9
3841	1320.0	-740.0	4.0	0.0	45.2	41.9
3842	1340.0	-740.0	4.0	0.0	44.6	41.3
3843	1360.0	-740.0	4.0	0.0	44.0	40.7
3844	1380.0	-740.0	4.0	0.0	42.1	39.3
3845	1400.0	-740.0	4.0	0.0	41.0	37.8
3846	1420.0	-740.0	4.0	0.0	39.8	36.1
3847	1440.0	-740.0	4.0	0.0	39.0	34.8
3848	1460.0	-740.0	4.0	0.0	38.6	34.4
3849	1480.0	-740.0	4.0	0.0	38.2	34.2
3850	1500.0	-740.0	4.0	0.0	37.9	33.9
3851	1520.0	-740.0	4.0	0.0	37.5	33.6
3852	1540.0	-740.0	4.0	0.0	37.1	33.2
3853	1560.0	-740.0	4.0	0.0	34.4	32.6
3854	1580.0	-740.0	4.0	0.0	33.4	32.7
3855	1600.0	-740.0	4.0	0.0	33.7	33.1
3856	1620.0	-740.0	4.0	0.0	34.3	33.9
3857	1640.0	-740.0	4.0	0.0	34.5	34.1
3858	1660.0	-740.0	4.0	0.0	34.7	34.4
3859	1680.0	-740.0	4.0	0.0	34.9	34.6
3860	1700.0	-740.0	4.0	0.0	35.1	34.7
3861	1720.0	-740.0	4.0	0.0	34.9	34.5
3862	1740.0	-740.0	4.0	0.0	34.8	34.3
3863	1760.0	-740.0	4.0	0.0	34.6	34.1
3864	1780.0	-740.0	4.0	0.0	35.6	34.1
3865	1800.0	-740.0	4.0	0.0	35.4	33.8
3866	1820.0	-740.0	4.0	0.0	35.1	33.6
3867	1840.0	-740.0	4.0	0.0	34.8	33.3
3868	1860.0	-740.0	4.0	0.0	34.5	33.0
3869	1880.0	-740.0	4.0	0.0	34.2	32.6
3870	1900.0	-740.0	4.0	0.0	33.8	32.2
3871	1920.0	-740.0	4.0	0.0	33.3	31.8
3872	1940.0	-740.0	4.0	0.0	33.1	31.5
3873	1960.0	-740.0	4.0	0.0	32.8	31.2
3874	1980.0	-740.0	4.0	0.0	32.4	30.9
3875	2000.0	-740.0	4.0	0.0	32.1	30.5
3876	2020.0	-740.0	4.0	0.0	31.6	30.2
3877	0.0	-760.0	4.0	0.0	38.2	36.7
3878	20.0	-760.0	4.0	0.0	38.4	36.9
3879	40.0	-760.0	4.0	0.0	38.6	37.1
3880	60.0	-760.0	4.0	0.0	39.0	37.5
3881	80.0	-760.0	4.0	0.0	39.3	37.8
3882	100.0	-760.0	4.0	0.0	39.7	38.2

3883	120.0	-760.0	4.0	0.0	39.9	38.5
3884	140.0	-760.0	4.0	0.0	40.2	38.7
3885	160.0	-760.0	4.0	0.0	40.4	38.9
3886	180.0	-760.0	4.0	0.0	40.5	39.1
3887	200.0	-760.0	4.0	0.0	40.8	39.4
3888	220.0	-760.0	4.0	0.0	41.1	39.6
3889	240.0	-760.0	4.0	0.0	41.4	40.0
3890	260.0	-760.0	4.0	0.0	41.7	40.2
3891	280.0	-760.0	4.0	0.0	42.1	40.6
3892	300.0	-760.0	4.0	0.0	42.4	40.9
3893	320.0	-760.0	4.0	0.0	42.7	41.2
3894	340.0	-760.0	4.0	0.0	43.1	41.5
3895	360.0	-760.0	4.0	0.0	43.5	41.8
3896	380.0	-760.0	4.0	0.0	43.9	42.2
3897	400.0	-760.0	4.0	0.0	44.3	42.5
3898	420.0	-760.0	4.0	0.0	44.8	42.9
3899	440.0	-760.0	4.0	0.0	45.2	43.3
3900	460.0	-760.0	4.0	0.0	45.7	43.7
3901	480.0	-760.0	4.0	0.0	46.1	44.1
3902	500.0	-760.0	4.0	0.0	46.7	44.5
3903	520.0	-760.0	4.0	0.0	47.2	44.7
3904	540.0	-760.0	4.0	0.0	47.8	45.0
3905	560.0	-760.0	4.0	0.0	48.6	45.4
3906	580.0	-760.0	4.0	0.0	49.5	45.9
3907	600.0	-760.0	4.0	0.0	50.7	46.7
3908	620.0	-760.0	4.0	0.0	52.2	49.1
3909	640.0	-760.0	4.0	0.0	54.0	51.9
3910	660.0	-760.0	4.0	0.0	54.2	51.8
3911	680.0	-760.0	4.0	0.0	53.8	51.6
3912	700.0	-760.0	4.0	0.0	53.4	51.6
3913	720.0	-760.0	4.0	0.0	52.6	50.8
3914	740.0	-760.0	4.0	0.0	52.8	50.1
3915	760.0	-760.0	4.0	0.0	52.1	49.3
3916	780.0	-760.0	4.0	0.0	51.9	48.9
3917	800.0	-760.0	4.0	0.0	52.0	48.8
3918	820.0	-760.0	4.0	0.0	52.4	49.0
3919	840.0	-760.0	4.0	0.0	53.0	49.4
3920	860.0	-760.0	4.0	0.0	53.9	49.8
3921	880.0	-760.0	4.0	0.0	55.3	50.1
3922	900.0	-760.0	4.0	0.0	57.5	51.1
3923	920.0	-760.0	4.0	0.0	61.1	50.6
3924	940.0	-760.0	4.0	0.0	65.6	49.9
3925	960.0	-760.0	4.0	0.0	61.3	50.2
3926	980.0	-760.0	4.0	0.0	58.1	50.3
3927	1000.0	-760.0	4.0	0.0	56.3	50.5
3928	1020.0	-760.0	4.0	0.0	57.2	50.4
3929	1040.0	-760.0	4.0	0.0	59.6	51.2
3930	1060.0	-760.0	4.0	0.0	61.3	51.3
3931	1080.0	-760.0	4.0	0.0	59.8	51.2
3932	1100.0	-760.0	4.0	0.0	57.5	49.4
3933	1120.0	-760.0	4.0	0.0	56.2	47.9
3934	1140.0	-760.0	4.0	0.0	55.8	47.4
3935	1160.0	-760.0	4.0	0.0	55.2	47.4
3936	1180.0	-760.0	4.0	0.0	52.8	47.4
3937	1200.0	-760.0	4.0	0.0	51.5	47.3
3938	1220.0	-760.0	4.0	0.0	50.3	46.7
3939	1240.0	-760.0	4.0	0.0	49.2	46.1
3940	1260.0	-760.0	4.0	0.0	48.4	45.5
3941	1280.0	-760.0	4.0	0.0	47.5	44.7
3946	1380.0	-760.0	4.0	0.0	31.1	30.4
3947	1400.0	-760.0	4.0	0.0	39.0	38.8
3948	1420.0	-760.0	4.0	0.0	31.9	31.7
3949	1440.0	-760.0	4.0	0.0	31.6	31.3
3950	1460.0	-760.0	4.0	0.0	31.4	30.9
3951	1480.0	-760.0	4.0	0.0	31.2	30.7
3952	1500.0	-760.0	4.0	0.0	34.8	33.5
3953	1520.0	-760.0	4.0	0.0	34.4	32.9
3954	1540.0	-760.0	4.0	0.0	34.4	32.6
3955	1560.0	-760.0	4.0	0.0	34.3	32.4
3956	1580.0	-760.0	4.0	0.0	34.9	33.3
3957	1600.0	-760.0	4.0	0.0	33.1	32.6
3958	1620.0	-760.0	4.0	0.0	33.6	33.2
3959	1640.0	-760.0	4.0	0.0	33.7	33.2
3960	1660.0	-760.0	4.0	0.0	33.4	32.9

3961	1680.0	-760.0	4.0	0.0	33.2	32.8
3962	1700.0	-760.0	4.0	0.0	33.2	32.6
3963	1720.0	-760.0	4.0	0.0	33.1	32.5
3964	1740.0	-760.0	4.0	0.0	33.3	32.7
3965	1760.0	-760.0	4.0	0.0	33.6	33.0
3966	1780.0	-760.0	4.0	0.0	33.7	33.1
3967	1800.0	-760.0	4.0	0.0	33.7	33.2
3968	1820.0	-760.0	4.0	0.0	33.7	33.1
3969	1840.0	-760.0	4.0	0.0	33.5	33.0
3970	1860.0	-760.0	4.0	0.0	33.2	32.6
3971	1880.0	-760.0	4.0	0.0	32.9	32.4
3972	1900.0	-760.0	4.0	0.0	32.5	31.9
3973	1920.0	-760.0	4.0	0.0	32.3	31.7
3974	1940.0	-760.0	4.0	0.0	32.1	31.5
3975	1960.0	-760.0	4.0	0.0	31.8	31.3
3976	1980.0	-760.0	4.0	0.0	31.4	31.0
3977	2000.0	-760.0	4.0	0.0	31.2	30.7
3978	2020.0	-760.0	4.0	0.0	31.0	30.5
3979	0.0	-780.0	4.0	0.0	38.2	36.6
3980	20.0	-780.0	4.0	0.0	38.4	36.9
3981	40.0	-780.0	4.0	0.0	38.7	37.1
3982	60.0	-780.0	4.0	0.0	39.0	37.5
3983	80.0	-780.0	4.0	0.0	39.3	37.8
3984	100.0	-780.0	4.0	0.0	39.7	38.2
3985	120.0	-780.0	4.0	0.0	39.9	38.4
3986	140.0	-780.0	4.0	0.0	40.2	38.7
3987	160.0	-780.0	4.0	0.0	40.4	38.8
3988	180.0	-780.0	4.0	0.0	40.5	39.0
3989	200.0	-780.0	4.0	0.0	40.8	39.3
3990	220.0	-780.0	4.0	0.0	41.1	39.6
3991	240.0	-780.0	4.0	0.0	41.4	39.9
3992	260.0	-780.0	4.0	0.0	41.7	40.2
3993	280.0	-780.0	4.0	0.0	42.0	40.5
3994	300.0	-780.0	4.0	0.0	42.4	40.8
3995	320.0	-780.0	4.0	0.0	42.7	41.1
3996	340.0	-780.0	4.0	0.0	43.1	41.5
3997	360.0	-780.0	4.0	0.0	43.4	41.8
3998	380.0	-780.0	4.0	0.0	43.8	42.2
3999	400.0	-780.0	4.0	0.0	44.4	42.6
4000	420.0	-780.0	4.0	0.0	44.8	43.0
4001	440.0	-780.0	4.0	0.0	45.1	43.2
4002	460.0	-780.0	4.0	0.0	45.4	43.5
4003	480.0	-780.0	4.0	0.0	45.9	43.9
4004	500.0	-780.0	4.0	0.0	46.4	44.2
4005	520.0	-780.0	4.0	0.0	47.0	44.7
4006	540.0	-780.0	4.0	0.0	47.7	45.1
4007	560.0	-780.0	4.0	0.0	48.3	45.4
4008	580.0	-780.0	4.0	0.0	49.0	45.9
4009	600.0	-780.0	4.0	0.0	49.6	46.0
4010	620.0	-780.0	4.0	0.0	50.3	46.6
4011	640.0	-780.0	4.0	0.0	51.1	47.5
4012	660.0	-780.0	4.0	0.0	51.7	48.2
4013	680.0	-780.0	4.0	0.0	51.5	48.2
4014	700.0	-780.0	4.0	0.0	51.4	48.4
4015	720.0	-780.0	4.0	0.0	51.3	48.6
4016	740.0	-780.0	4.0	0.0	51.9	48.9
4017	760.0	-780.0	4.0	0.0	51.7	48.4
4018	780.0	-780.0	4.0	0.0	51.6	48.2
4019	800.0	-780.0	4.0	0.0	51.8	48.3
4020	820.0	-780.0	4.0	0.0	52.2	48.6
4021	840.0	-780.0	4.0	0.0	52.7	48.8
4022	860.0	-780.0	4.0	0.0	53.4	49.1
4023	880.0	-780.0	4.0	0.0	54.3	48.8
4024	900.0	-780.0	4.0	0.0	55.8	49.0
4025	920.0	-780.0	4.0	0.0	57.6	49.3
4026	940.0	-780.0	4.0	0.0	58.7	49.5
4027	960.0	-780.0	4.0	0.0	57.9	49.4
4028	980.0	-780.0	4.0	0.0	56.7	49.4
4029	1000.0	-780.0	4.0	0.0	56.1	49.4
4030	1020.0	-780.0	4.0	0.0	56.3	49.5
4031	1040.0	-780.0	4.0	0.0	56.8	50.2
4032	1060.0	-780.0	4.0	0.0	57.3	50.1
4033	1080.0	-780.0	4.0	0.0	56.7	49.1
4034	1100.0	-780.0	4.0	0.0	55.8	48.3

4035	1120.0	-780.0	4.0	0.0	54.9	47.5
4036	1140.0	-780.0	4.0	0.0	54.1	47.4
4037	1160.0	-780.0	4.0	0.0	53.7	47.1
4038	1180.0	-780.0	4.0	0.0	52.8	47.1
4048	1380.0	-780.0	4.0	0.0	28.4	27.8
4049	1400.0	-780.0	4.0	0.0	32.4	32.0
4050	1420.0	-780.0	4.0	0.0	27.7	27.4
4051	1440.0	-780.0	4.0	0.0	30.4	30.1
4052	1460.0	-780.0	4.0	0.0	31.0	30.8
4053	1480.0	-780.0	4.0	0.0	30.8	30.5
4054	1500.0	-780.0	4.0	0.0	30.4	30.1
4055	1520.0	-780.0	4.0	0.0	30.1	29.7
4056	1540.0	-780.0	4.0	0.0	29.9	29.4
4057	1560.0	-780.0	4.0	0.0	29.8	29.2
4058	1580.0	-780.0	4.0	0.0	33.2	32.8
4059	1600.0	-780.0	4.0	0.0	33.2	32.7
4060	1620.0	-780.0	4.0	0.0	33.2	32.9
4061	1640.0	-780.0	4.0	0.0	33.1	32.7
4062	1660.0	-780.0	4.0	0.0	32.8	32.4
4063	1680.0	-780.0	4.0	0.0	32.7	32.3
4064	1700.0	-780.0	4.0	0.0	32.6	32.3
4065	1720.0	-780.0	4.0	0.0	32.5	32.1
4066	1740.0	-780.0	4.0	0.0	32.3	32.0
4067	1760.0	-780.0	4.0	0.0	32.1	31.7
4068	1780.0	-780.0	4.0	0.0	31.8	31.5
4069	1800.0	-780.0	4.0	0.0	32.0	31.5
4070	1820.0	-780.0	4.0	0.0	31.9	31.4
4071	1840.0	-780.0	4.0	0.0	32.0	31.4
4072	1860.0	-780.0	4.0	0.0	31.9	31.4
4073	1880.0	-780.0	4.0	0.0	32.0	31.5
4074	1900.0	-780.0	4.0	0.0	31.9	31.3
4075	1920.0	-780.0	4.0	0.0	31.8	31.3
4076	1940.0	-780.0	4.0	0.0	31.7	31.2
4077	1960.0	-780.0	4.0	0.0	31.6	31.1
4078	1980.0	-780.0	4.0	0.0	31.5	31.0
4079	2000.0	-780.0	4.0	0.0	31.3	30.8
4080	2020.0	-780.0	4.0	0.0	30.9	30.5
4081	0.0	-800.0	4.0	0.0	38.2	36.6
4082	20.0	-800.0	4.0	0.0	38.4	36.8
4083	40.0	-800.0	4.0	0.0	38.7	37.2
4084	60.0	-800.0	4.0	0.0	39.0	37.5
4085	80.0	-800.0	4.0	0.0	39.4	37.9
4086	100.0	-800.0	4.0	0.0	39.6	38.1
4087	120.0	-800.0	4.0	0.0	39.9	38.4
4088	140.0	-800.0	4.0	0.0	40.1	38.6
4089	160.0	-800.0	4.0	0.0	40.4	38.8
4090	180.0	-800.0	4.0	0.0	40.6	39.0
4091	200.0	-800.0	4.0	0.0	40.8	39.3
4092	220.0	-800.0	4.0	0.0	41.1	39.6
4093	240.0	-800.0	4.0	0.0	41.4	39.9
4094	260.0	-800.0	4.0	0.0	41.7	40.2
4095	280.0	-800.0	4.0	0.0	42.0	40.5
4096	300.0	-800.0	4.0	0.0	42.4	40.9
4097	320.0	-800.0	4.0	0.0	42.8	41.3
4098	340.0	-800.0	4.0	0.0	43.1	41.5
4099	360.0	-800.0	4.0	0.0	43.4	41.7
4100	380.0	-800.0	4.0	0.0	43.7	42.0
4101	400.0	-800.0	4.0	0.0	44.2	42.3
4102	420.0	-800.0	4.0	0.0	44.6	42.7
4103	440.0	-800.0	4.0	0.0	45.0	43.1
4104	460.0	-800.0	4.0	0.0	45.5	43.6
4105	480.0	-800.0	4.0	0.0	45.8	43.8
4106	500.0	-800.0	4.0	0.0	46.2	44.0
4107	520.0	-800.0	4.0	0.0	46.8	44.6
4108	540.0	-800.0	4.0	0.0	47.3	44.8
4109	560.0	-800.0	4.0	0.0	47.7	44.9
4110	580.0	-800.0	4.0	0.0	48.3	45.3
4111	600.0	-800.0	4.0	0.0	48.9	45.7
4112	620.0	-800.0	4.0	0.0	49.5	46.4
4113	640.0	-800.0	4.0	0.0	49.8	46.5
4114	660.0	-800.0	4.0	0.0	50.4	47.0
4115	680.0	-800.0	4.0	0.0	50.5	47.3
4116	700.0	-800.0	4.0	0.0	50.6	47.6
4117	720.0	-800.0	4.0	0.0	50.7	47.9

4118	740.0	-800.0	4.0	0.0	50.6	47.9
4119	760.0	-800.0	4.0	0.0	51.2	47.8
4120	780.0	-800.0	4.0	0.0	51.3	47.8
4121	800.0	-800.0	4.0	0.0	51.5	48.0
4122	820.0	-800.0	4.0	0.0	51.9	48.3
4123	840.0	-800.0	4.0	0.0	52.3	48.5
4124	860.0	-800.0	4.0	0.0	52.9	48.6
4125	880.0	-800.0	4.0	0.0	53.5	48.4
4126	900.0	-800.0	4.0	0.0	54.5	48.8
4127	920.0	-800.0	4.0	0.0	55.3	48.9
4128	940.0	-800.0	4.0	0.0	55.8	48.9
4129	960.0	-800.0	4.0	0.0	55.7	48.8
4130	980.0	-800.0	4.0	0.0	55.4	48.9
4131	1000.0	-800.0	4.0	0.0	55.2	48.9
4132	1020.0	-800.0	4.0	0.0	55.3	49.2
4133	1040.0	-800.0	4.0	0.0	55.7	49.8
4134	1060.0	-800.0	4.0	0.0	55.6	49.4
4135	1080.0	-800.0	4.0	0.0	55.4	49.1
4150	1380.0	-800.0	4.0	0.0	28.2	27.7
4151	1400.0	-800.0	4.0	0.0	32.3	31.9
4152	1420.0	-800.0	4.0	0.0	27.0	26.7
4153	1440.0	-800.0	4.0	0.0	28.7	28.4
4154	1460.0	-800.0	4.0	0.0	29.6	29.4
4155	1480.0	-800.0	4.0	0.0	30.1	29.8
4156	1500.0	-800.0	4.0	0.0	30.1	29.8
4157	1520.0	-800.0	4.0	0.0	30.0	29.6
4158	1540.0	-800.0	4.0	0.0	29.7	29.3
4159	1560.0	-800.0	4.0	0.0	29.6	29.0
4160	1580.0	-800.0	4.0	0.0	30.9	30.2
4161	1600.0	-800.0	4.0	0.0	31.4	30.8
4162	1620.0	-800.0	4.0	0.0	31.4	30.8
4163	1640.0	-800.0	4.0	0.0	33.0	32.6
4164	1660.0	-800.0	4.0	0.0	32.9	32.5
4165	1680.0	-800.0	4.0	0.0	32.8	32.4
4166	1700.0	-800.0	4.0	0.0	32.5	32.0
4167	1720.0	-800.0	4.0	0.0	32.2	31.7
4168	1740.0	-800.0	4.0	0.0	31.9	31.5
4169	1760.0	-800.0	4.0	0.0	31.8	31.3
4170	1780.0	-800.0	4.0	0.0	31.7	31.3
4171	1800.0	-800.0	4.0	0.0	31.5	31.1
4172	1820.0	-800.0	4.0	0.0	31.3	30.8
4173	1840.0	-800.0	4.0	0.0	31.4	30.8
4174	1860.0	-800.0	4.0	0.0	31.0	30.4
4175	1880.0	-800.0	4.0	0.0	30.6	30.0
4176	1900.0	-800.0	4.0	0.0	30.4	29.8
4177	1920.0	-800.0	4.0	0.0	30.4	29.8
4178	1940.0	-800.0	4.0	0.0	30.4	29.8
4179	1960.0	-800.0	4.0	0.0	30.5	29.9
4180	1980.0	-800.0	4.0	0.0	30.5	30.0
4181	2000.0	-800.0	4.0	0.0	30.5	30.0
4182	2020.0	-800.0	4.0	0.0	30.5	30.0
4183	0.0	-820.0	4.0	0.0	38.2	36.6
4184	20.0	-820.0	4.0	0.0	38.4	36.8
4185	40.0	-820.0	4.0	0.0	38.8	37.3
4186	60.0	-820.0	4.0	0.0	39.0	37.5
4187	80.0	-820.0	4.0	0.0	39.4	37.9
4188	100.0	-820.0	4.0	0.0	39.6	38.2
4189	120.0	-820.0	4.0	0.0	39.9	38.4
4190	140.0	-820.0	4.0	0.0	40.2	38.6
4191	160.0	-820.0	4.0	0.0	40.4	38.9
4192	180.0	-820.0	4.0	0.0	40.7	39.1
4193	200.0	-820.0	4.0	0.0	40.9	39.4
4194	220.0	-820.0	4.0	0.0	41.2	39.7
4195	240.0	-820.0	4.0	0.0	41.5	40.0
4196	260.0	-820.0	4.0	0.0	41.7	40.2
4197	280.0	-820.0	4.0	0.0	42.0	40.4
4198	300.0	-820.0	4.0	0.0	42.2	40.6
4199	320.0	-820.0	4.0	0.0	42.6	41.0
4200	340.0	-820.0	4.0	0.0	42.9	41.3
4201	360.0	-820.0	4.0	0.0	43.3	41.7
4202	380.0	-820.0	4.0	0.0	43.8	42.1
4203	400.0	-820.0	4.0	0.0	44.1	42.3
4204	420.0	-820.0	4.0	0.0	44.4	42.4
4205	440.0	-820.0	4.0	0.0	44.8	42.8

4206	460.0	-820.0	4.0	0.0	45.2	43.3
4207	480.0	-820.0	4.0	0.0	45.7	43.8
4208	500.0	-820.0	4.0	0.0	46.0	43.9
4209	520.0	-820.0	4.0	0.0	46.4	44.1
4210	540.0	-820.0	4.0	0.0	46.8	44.4
4211	560.0	-820.0	4.0	0.0	47.3	44.7
4212	580.0	-820.0	4.0	0.0	47.9	45.2
4213	600.0	-820.0	4.0	0.0	48.3	45.5
4214	620.0	-820.0	4.0	0.0	48.6	45.6
4215	640.0	-820.0	4.0	0.0	49.0	46.0
4216	660.0	-820.0	4.0	0.0	49.6	46.4
4217	680.0	-820.0	4.0	0.0	49.8	46.8
4218	700.0	-820.0	4.0	0.0	50.0	47.1
4219	720.0	-820.0	4.0	0.0	50.3	47.6
4220	740.0	-820.0	4.0	0.0	50.3	47.5
4221	760.0	-820.0	4.0	0.0	50.4	47.5
4222	780.0	-820.0	4.0	0.0	51.0	47.6
4223	800.0	-820.0	4.0	0.0	51.3	47.8
4224	820.0	-820.0	4.0	0.0	51.6	48.0
4225	840.0	-820.0	4.0	0.0	51.9	48.2
4226	860.0	-820.0	4.0	0.0	52.4	48.3
4227	880.0	-820.0	4.0	0.0	53.0	48.7
4228	900.0	-820.0	4.0	0.0	53.6	48.5
4229	920.0	-820.0	4.0	0.0	54.1	48.6
4230	940.0	-820.0	4.0	0.0	54.5	48.6
4231	960.0	-820.0	4.0	0.0	54.6	48.5
4232	980.0	-820.0	4.0	0.0	54.6	48.6
4252	1380.0	-820.0	4.0	0.0	27.6	27.1
4253	1400.0	-820.0	4.0	0.0	32.1	31.7
4254	1420.0	-820.0	4.0	0.0	27.8	27.4
4255	1440.0	-820.0	4.0	0.0	28.2	28.0
4256	1460.0	-820.0	4.0	0.0	29.2	29.0
4257	1480.0	-820.0	4.0	0.0	29.7	29.5
4258	1500.0	-820.0	4.0	0.0	29.8	29.5
4259	1520.0	-820.0	4.0	0.0	29.7	29.3
4260	1540.0	-820.0	4.0	0.0	29.5	29.1
4261	1560.0	-820.0	4.0	0.0	29.3	28.8
4262	1580.0	-820.0	4.0	0.0	30.6	30.1
4263	1600.0	-820.0	4.0	0.0	31.2	30.7
4264	1620.0	-820.0	4.0	0.0	31.1	30.5
4265	1640.0	-820.0	4.0	0.0	31.0	30.4
4266	1660.0	-820.0	4.0	0.0	30.8	30.1
4267	1680.0	-820.0	4.0	0.0	30.9	30.1
4268	1700.0	-820.0	4.0	0.0	31.8	31.1
4269	1720.0	-820.0	4.0	0.0	32.2	31.7
4270	1740.0	-820.0	4.0	0.0	31.9	31.4
4271	1760.0	-820.0	4.0	0.0	31.8	31.3
4272	1780.0	-820.0	4.0	0.0	31.5	31.0
4273	1800.0	-820.0	4.0	0.0	31.2	30.7
4274	1820.0	-820.0	4.0	0.0	30.9	30.4
4275	1840.0	-820.0	4.0	0.0	30.8	30.4
4276	1860.0	-820.0	4.0	0.0	30.5	30.1
4277	1880.0	-820.0	4.0	0.0	30.4	29.8
4278	1900.0	-820.0	4.0	0.0	30.3	29.6
4279	1920.0	-820.0	4.0	0.0	30.1	29.4
4280	1940.0	-820.0	4.0	0.0	29.9	29.2
4281	1960.0	-820.0	4.0	0.0	29.7	29.0
4282	1980.0	-820.0	4.0	0.0	29.5	28.8
4283	2000.0	-820.0	4.0	0.0	29.4	28.7
4284	2020.0	-820.0	4.0	0.0	29.4	28.7
4285	0.0	-840.0	4.0	0.0	38.1	36.6
4286	20.0	-840.0	4.0	0.0	38.3	36.8
4287	40.0	-840.0	4.0	0.0	38.7	37.3
4288	60.0	-840.0	4.0	0.0	38.9	37.5
4289	80.0	-840.0	4.0	0.0	39.3	38.0
4290	100.0	-840.0	4.0	0.0	39.6	38.2
4291	120.0	-840.0	4.0	0.0	39.9	38.5
4292	140.0	-840.0	4.0	0.0	40.1	38.8
4293	160.0	-840.0	4.0	0.0	40.3	38.9
4294	180.0	-840.0	4.0	0.0	40.7	39.1
4295	200.0	-840.0	4.0	0.0	40.9	39.3
4296	220.0	-840.0	4.0	0.0	41.1	39.4
4297	240.0	-840.0	4.0	0.0	41.3	39.7
4298	260.0	-840.0	4.0	0.0	41.6	40.0

4299	280.0	-840.0	4.0	0.0	41.9	40.4
4300	300.0	-840.0	4.0	0.0	42.3	40.7
4301	320.0	-840.0	4.0	0.0	42.5	40.9
4302	340.0	-840.0	4.0	0.0	42.8	41.1
4303	360.0	-840.0	4.0	0.0	43.1	41.3
4304	380.0	-840.0	4.0	0.0	43.5	41.7
4305	400.0	-840.0	4.0	0.0	43.9	42.0
4306	420.0	-840.0	4.0	0.0	44.3	42.5
4307	440.0	-840.0	4.0	0.0	44.7	42.9
4308	460.0	-840.0	4.0	0.0	45.0	43.0
4309	480.0	-840.0	4.0	0.0	45.3	43.2
4310	500.0	-840.0	4.0	0.0	45.7	43.5
4311	520.0	-840.0	4.0	0.0	46.2	43.9
4312	540.0	-840.0	4.0	0.0	46.7	44.4
4313	560.0	-840.0	4.0	0.0	47.0	44.5
4314	580.0	-840.0	4.0	0.0	47.3	44.6
4315	600.0	-840.0	4.0	0.0	47.6	44.8
4316	620.0	-840.0	4.0	0.0	48.0	45.2
4317	640.0	-840.0	4.0	0.0	48.4	45.7
4318	660.0	-840.0	4.0	0.0	48.8	46.1
4319	680.0	-840.0	4.0	0.0	49.3	46.5
4320	700.0	-840.0	4.0	0.0	49.6	46.8
4321	720.0	-840.0	4.0	0.0	49.9	47.3
4322	740.0	-840.0	4.0	0.0	50.0	47.2
4323	760.0	-840.0	4.0	0.0	50.2	47.2
4324	780.0	-840.0	4.0	0.0	50.5	47.5
4325	800.0	-840.0	4.0	0.0	51.0	47.5
4326	820.0	-840.0	4.0	0.0	51.3	47.8
4327	840.0	-840.0	4.0	0.0	51.6	48.0
4328	860.0	-840.0	4.0	0.0	52.1	48.4
4329	880.0	-840.0	4.0	0.0	52.5	48.4
4354	1380.0	-840.0	4.0	0.0	26.9	26.0
4355	1400.0	-840.0	4.0	0.0	31.5	31.2
4356	1420.0	-840.0	4.0	0.0	29.8	29.5
4357	1440.0	-840.0	4.0	0.0	27.8	27.6
4358	1460.0	-840.0	4.0	0.0	28.9	28.7
4359	1480.0	-840.0	4.0	0.0	29.4	29.2
4360	1500.0	-840.0	4.0	0.0	29.6	29.3
4361	1520.0	-840.0	4.0	0.0	29.5	29.2
4362	1540.0	-840.0	4.0	0.0	29.3	28.9
4363	1560.0	-840.0	4.0	0.0	29.3	28.9
4364	1580.0	-840.0	4.0	0.0	30.3	29.8
4365	1600.0	-840.0	4.0	0.0	31.0	30.5
4366	1620.0	-840.0	4.0	0.0	30.8	30.4
4367	1640.0	-840.0	4.0	0.0	30.7	30.2
4368	1660.0	-840.0	4.0	0.0	30.7	30.0
4369	1680.0	-840.0	4.0	0.0	30.6	30.0
4370	1700.0	-840.0	4.0	0.0	30.4	29.7
4371	1720.0	-840.0	4.0	0.0	30.2	29.4
4372	1740.0	-840.0	4.0	0.0	30.1	29.3
4373	1760.0	-840.0	4.0	0.0	30.6	29.9
4374	1780.0	-840.0	4.0	0.0	30.9	30.3
4375	1800.0	-840.0	4.0	0.0	31.1	30.6
4376	1820.0	-840.0	4.0	0.0	30.8	30.2
4377	1840.0	-840.0	4.0	0.0	30.7	30.2
4378	1860.0	-840.0	4.0	0.0	30.3	29.8
4379	1880.0	-840.0	4.0	0.0	29.8	29.3
4380	1900.0	-840.0	4.0	0.0	29.6	29.1
4381	1920.0	-840.0	4.0	0.0	29.8	29.1
4382	1940.0	-840.0	4.0	0.0	29.8	29.0
4383	1960.0	-840.0	4.0	0.0	29.6	28.9
4384	1980.0	-840.0	4.0	0.0	29.4	28.7
4385	2000.0	-840.0	4.0	0.0	29.2	28.5
4386	2020.0	-840.0	4.0	0.0	29.0	28.3
4387	0.0	-860.0	4.0	0.0	38.1	36.7
4388	20.0	-860.0	4.0	0.0	38.4	36.9
4389	40.0	-860.0	4.0	0.0	38.8	37.4
4390	60.0	-860.0	4.0	0.0	39.0	37.6
4391	80.0	-860.0	4.0	0.0	39.3	38.0
4392	100.0	-860.0	4.0	0.0	39.5	38.2
4393	120.0	-860.0	4.0	0.0	39.8	38.4
4394	140.0	-860.0	4.0	0.0	39.9	38.5
4395	160.0	-860.0	4.0	0.0	40.1	38.7
4396	180.0	-860.0	4.0	0.0	40.4	39.0



4397	200.0	-860.0	4.0	0.0	40.7	39.3
4398	220.0	-860.0	4.0	0.0	41.0	39.5
4399	240.0	-860.0	4.0	0.0	41.3	39.8
4400	260.0	-860.0	4.0	0.0	41.4	40.0
4401	280.0	-860.0	4.0	0.0	41.6	40.2
4402	300.0	-860.0	4.0	0.0	41.9	40.3
4403	320.0	-860.0	4.0	0.0	42.2	40.6
4404	340.0	-860.0	4.0	0.0	42.5	40.9
4405	360.0	-860.0	4.0	0.0	43.0	41.3
4406	380.0	-860.0	4.0	0.0	43.5	41.8
4407	400.0	-860.0	4.0	0.0	43.7	41.9
4408	420.0	-860.0	4.0	0.0	44.0	42.0
4409	440.0	-860.0	4.0	0.0	44.3	42.3
4410	460.0	-860.0	4.0	0.0	44.7	42.7
4411	480.0	-860.0	4.0	0.0	45.1	43.0
4412	500.0	-860.0	4.0	0.0	45.6	43.5
4413	520.0	-860.0	4.0	0.0	46.0	43.9
4414	540.0	-860.0	4.0	0.0	46.1	43.7
4415	560.0	-860.0	4.0	0.0	46.4	43.9
4416	580.0	-860.0	4.0	0.0	46.8	44.2
4417	600.0	-860.0	4.0	0.0	47.2	44.5
4418	620.0	-860.0	4.0	0.0	47.4	44.7
4419	640.0	-860.0	4.0	0.0	47.8	45.1
4420	660.0	-860.0	4.0	0.0	48.2	45.7
4421	680.0	-860.0	4.0	0.0	49.0	46.2
4422	700.0	-860.0	4.0	0.0	49.3	46.5
4423	720.0	-860.0	4.0	0.0	49.7	47.2
4424	740.0	-860.0	4.0	0.0	49.8	47.1
4425	760.0	-860.0	4.0	0.0	50.0	47.2
4426	780.0	-860.0	4.0	0.0	50.3	47.5
4456	1380.0	-860.0	4.0	0.0	26.2	25.1
4457	1400.0	-860.0	4.0	0.0	30.8	30.3
4458	1420.0	-860.0	4.0	0.0	31.6	31.2
4459	1440.0	-860.0	4.0	0.0	27.5	27.2
4460	1460.0	-860.0	4.0	0.0	28.6	28.4
4461	1480.0	-860.0	4.0	0.0	29.2	28.9
4462	1500.0	-860.0	4.0	0.0	29.3	29.0
4463	1520.0	-860.0	4.0	0.0	29.3	29.0
4464	1540.0	-860.0	4.0	0.0	29.1	28.8
4465	1560.0	-860.0	4.0	0.0	29.0	28.6
4466	1580.0	-860.0	4.0	0.0	29.5	28.9
4467	1600.0	-860.0	4.0	0.0	29.4	28.8
4468	1620.0	-860.0	4.0	0.0	30.1	29.5
4469	1640.0	-860.0	4.0	0.0	30.5	30.0
4470	1660.0	-860.0	4.0	0.0	30.5	29.9
4471	1680.0	-860.0	4.0	0.0	30.3	29.8
4472	1700.0	-860.0	4.0	0.0	30.2	29.6
4473	1720.0	-860.0	4.0	0.0	30.1	29.4
4474	1740.0	-860.0	4.0	0.0	29.9	29.2
4475	1760.0	-860.0	4.0	0.0	29.7	28.9
4476	1780.0	-860.0	4.0	0.0	29.5	28.6
4477	1800.0	-860.0	4.0	0.0	29.3	28.5
4478	1820.0	-860.0	4.0	0.0	29.5	28.7
4479	1840.0	-860.0	4.0	0.0	29.9	29.2
4480	1860.0	-860.0	4.0	0.0	29.8	29.3
4481	1880.0	-860.0	4.0	0.0	29.5	28.9
4482	1900.0	-860.0	4.0	0.0	29.2	28.6
4483	1920.0	-860.0	4.0	0.0	29.3	28.7
4484	1940.0	-860.0	4.0	0.0	29.4	28.7
4485	1960.0	-860.0	4.0	0.0	29.1	28.5
4486	1980.0	-860.0	4.0	0.0	29.2	28.4
4487	2000.0	-860.0	4.0	0.0	29.1	28.3
4488	2020.0	-860.0	4.0	0.0	28.9	28.2
4489	0.0	-880.0	4.0	0.0	38.1	36.7
4490	20.0	-880.0	4.0	0.0	38.3	36.8
4491	40.0	-880.0	4.0	0.0	38.7	37.2
4492	60.0	-880.0	4.0	0.0	38.8	37.3
4493	80.0	-880.0	4.0	0.0	39.2	37.8
4494	100.0	-880.0	4.0	0.0	39.5	38.0
4495	120.0	-880.0	4.0	0.0	39.7	38.3
4496	140.0	-880.0	4.0	0.0	40.0	38.5
4497	160.0	-880.0	4.0	0.0	40.2	38.8
4498	180.0	-880.0	4.0	0.0	40.4	38.9
4499	200.0	-880.0	4.0	0.0	40.6	39.1

4500	220.0	-880.0	4.0	0.0	40.8	39.2
4501	240.0	-880.0	4.0	0.0	41.1	39.4
4502	260.0	-880.0	4.0	0.0	41.3	39.7
4503	280.0	-880.0	4.0	0.0	41.5	40.0
4504	300.0	-880.0	4.0	0.0	41.9	40.3
4505	320.0	-880.0	4.0	0.0	42.2	40.7
4506	340.0	-880.0	4.0	0.0	42.6	41.1
4507	360.0	-880.0	4.0	0.0	42.9	41.2
4508	380.0	-880.0	4.0	0.0	43.0	41.2
4509	400.0	-880.0	4.0	0.0	43.4	41.5
4510	420.0	-880.0	4.0	0.0	43.7	41.8
4511	440.0	-880.0	4.0	0.0	44.0	42.2
4512	460.0	-880.0	4.0	0.0	44.4	42.6
4513	480.0	-880.0	4.0	0.0	44.8	43.0
4514	500.0	-880.0	4.0	0.0	45.1	43.1
4515	520.0	-880.0	4.0	0.0	45.3	43.2
4516	540.0	-880.0	4.0	0.0	45.6	43.5
4517	560.0	-880.0	4.0	0.0	45.9	43.6
4518	580.0	-880.0	4.0	0.0	46.2	43.9
4519	600.0	-880.0	4.0	0.0	46.5	43.9
4520	620.0	-880.0	4.0	0.0	46.7	44.2
4521	640.0	-880.0	4.0	0.0	47.2	44.6
4522	660.0	-880.0	4.0	0.0	47.6	45.0
4523	680.0	-880.0	4.0	0.0	48.7	45.9
4559	1400.0	-880.0	4.0	0.0	29.8	29.3
4560	1420.0	-880.0	4.0	0.0	32.8	32.4
4561	1440.0	-880.0	4.0	0.0	27.1	26.8
4562	1460.0	-880.0	4.0	0.0	28.4	28.1
4563	1480.0	-880.0	4.0	0.0	28.9	28.7
4564	1500.0	-880.0	4.0	0.0	29.1	28.8
4565	1520.0	-880.0	4.0	0.0	29.0	28.8
4566	1540.0	-880.0	4.0	0.0	28.9	28.6
4567	1560.0	-880.0	4.0	0.0	28.9	28.5
4568	1580.0	-880.0	4.0	0.0	29.5	28.9
4569	1600.0	-880.0	4.0	0.0	29.0	28.3
4570	1620.0	-880.0	4.0	0.0	29.1	28.4
4571	1640.0	-880.0	4.0	0.0	29.1	28.3
4572	1660.0	-880.0	4.0	0.0	29.4	28.7
4573	1680.0	-880.0	4.0	0.0	29.9	29.3
4574	1700.0	-880.0	4.0	0.0	30.0	29.4
4575	1720.0	-880.0	4.0	0.0	29.9	29.2
4576	1740.0	-880.0	4.0	0.0	29.7	29.0
4577	1760.0	-880.0	4.0	0.0	29.5	28.8
4578	1780.0	-880.0	4.0	0.0	29.3	28.5
4579	1800.0	-880.0	4.0	0.0	29.1	28.3
4580	1820.0	-880.0	4.0	0.0	28.9	28.1
4581	1840.0	-880.0	4.0	0.0	28.5	27.6
4582	1860.0	-880.0	4.0	0.0	28.5	27.5
4583	1880.0	-880.0	4.0	0.0	28.2	27.3
4584	1900.0	-880.0	4.0	0.0	28.8	28.1
4585	1920.0	-880.0	4.0	0.0	28.7	28.1
4586	1940.0	-880.0	4.0	0.0	28.8	28.2
4587	1960.0	-880.0	4.0	0.0	28.6	28.0
4588	1980.0	-880.0	4.0	0.0	28.3	27.7
4589	2000.0	-880.0	4.0	0.0	28.3	27.8
4590	2020.0	-880.0	4.0	0.0	28.6	28.0
4591	0.0	-900.0	4.0	0.0	37.9	36.4
4592	20.0	-900.0	4.0	0.0	38.1	36.7
4593	40.0	-900.0	4.0	0.0	38.5	37.2
4594	60.0	-900.0	4.0	0.0	38.8	37.4
4595	80.0	-900.0	4.0	0.0	39.2	37.9
4596	100.0	-900.0	4.0	0.0	39.3	38.0
4597	120.0	-900.0	4.0	0.0	39.6	38.3
4598	140.0	-900.0	4.0	0.0	39.8	38.3
4599	160.0	-900.0	4.0	0.0	39.9	38.4
4600	180.0	-900.0	4.0	0.0	40.1	38.6
4601	200.0	-900.0	4.0	0.0	40.4	38.9
4602	220.0	-900.0	4.0	0.0	40.7	39.1
4603	240.0	-900.0	4.0	0.0	40.9	39.4
4604	260.0	-900.0	4.0	0.0	41.2	39.7
4605	280.0	-900.0	4.0	0.0	41.5	40.1
4606	300.0	-900.0	4.0	0.0	41.8	40.3
4607	320.0	-900.0	4.0	0.0	41.9	40.4
4608	340.0	-900.0	4.0	0.0	42.1	40.5

4609	360.0	-900.0	4.0	0.0	42.5	40.8
4610	380.0	-900.0	4.0	0.0	42.8	41.1
4611	400.0	-900.0	4.0	0.0	43.1	41.4
4612	420.0	-900.0	4.0	0.0	43.5	41.8
4613	440.0	-900.0	4.0	0.0	43.9	42.3
4614	460.0	-900.0	4.0	0.0	44.1	42.4
4615	480.0	-900.0	4.0	0.0	44.2	42.4
4616	500.0	-900.0	4.0	0.0	44.5	42.7
4617	520.0	-900.0	4.0	0.0	44.9	43.0
4618	540.0	-900.0	4.0	0.0	45.2	43.2
4619	560.0	-900.0	4.0	0.0	45.4	43.3
4620	580.0	-900.0	4.0	0.0	45.9	43.9
4621	600.0	-900.0	4.0	0.0	45.8	43.6
4622	620.0	-900.0	4.0	0.0	46.1	43.9
4623	640.0	-900.0	4.0	0.0	46.1	44.2
4624	660.0	-900.0	4.0	0.0	43.7	41.5
4660	1380.0	-900.0	4.0	0.0	26.6	25.3
4661	1400.0	-900.0	4.0	0.0	29.0	28.3
4662	1420.0	-900.0	4.0	0.0	33.4	33.0
4663	1440.0	-900.0	4.0	0.0	26.8	26.5
4664	1460.0	-900.0	4.0	0.0	28.1	27.9
4665	1480.0	-900.0	4.0	0.0	28.7	28.4
4666	1500.0	-900.0	4.0	0.0	28.9	28.6
4667	1520.0	-900.0	4.0	0.0	28.9	28.6
4668	1540.0	-900.0	4.0	0.0	28.8	28.4
4669	1560.0	-900.0	4.0	0.0	28.7	28.3
4670	1580.0	-900.0	4.0	0.0	29.4	29.0
4671	1600.0	-900.0	4.0	0.0	28.7	28.2
4672	1620.0	-900.0	4.0	0.0	28.7	28.2
4673	1640.0	-900.0	4.0	0.0	28.7	27.9
4674	1660.0	-900.0	4.0	0.0	28.8	28.0
4675	1680.0	-900.0	4.0	0.0	28.8	28.0
4676	1700.0	-900.0	4.0	0.0	28.8	28.1
4677	1720.0	-900.0	4.0	0.0	29.3	28.6
4678	1740.0	-900.0	4.0	0.0	29.6	28.9
4679	1760.0	-900.0	4.0	0.0	29.4	28.6
4680	1780.0	-900.0	4.0	0.0	29.1	28.4
4681	1800.0	-900.0	4.0	0.0	28.9	28.1
4682	1820.0	-900.0	4.0	0.0	28.7	27.9
4683	1840.0	-900.0	4.0	0.0	28.4	27.5
4684	1860.0	-900.0	4.0	0.0	28.2	27.3
4685	1880.0	-900.0	4.0	0.0	27.8	26.8
4686	1900.0	-900.0	4.0	0.0	27.6	26.6
4687	1920.0	-900.0	4.0	0.0	27.5	26.5
4688	1940.0	-900.0	4.0	0.0	27.4	26.5
4689	1960.0	-900.0	4.0	0.0	28.0	27.1
4690	1980.0	-900.0	4.0	0.0	27.9	27.2
4691	2000.0	-900.0	4.0	0.0	27.9	27.2
4692	2020.0	-900.0	4.0	0.0	27.9	27.4
4693	0.0	-920.0	4.0	0.0	38.0	36.6
4694	20.0	-920.0	4.0	0.0	38.3	37.0
4695	40.0	-920.0	4.0	0.0	38.5	37.1
4696	60.0	-920.0	4.0	0.0	38.8	37.3
4697	80.0	-920.0	4.0	0.0	39.0	37.6
4698	100.0	-920.0	4.0	0.0	39.2	37.7
4699	120.0	-920.0	4.0	0.0	39.4	37.9
4700	140.0	-920.0	4.0	0.0	39.6	38.1
4701	160.0	-920.0	4.0	0.0	39.8	38.3
4702	180.0	-920.0	4.0	0.0	40.1	38.6
4703	200.0	-920.0	4.0	0.0	40.4	38.9
4704	220.0	-920.0	4.0	0.0	40.7	39.2
4705	240.0	-920.0	4.0	0.0	41.0	39.6
4706	260.0	-920.0	4.0	0.0	41.3	39.8
4707	280.0	-920.0	4.0	0.0	41.4	39.8
4708	300.0	-920.0	4.0	0.0	41.4	39.9
4709	320.0	-920.0	4.0	0.0	41.6	40.1
4710	340.0	-920.0	4.0	0.0	41.9	40.4
4711	360.0	-920.0	4.0	0.0	42.3	40.7
4712	380.0	-920.0	4.0	0.0	42.7	41.1
4713	400.0	-920.0	4.0	0.0	43.1	41.5
4714	420.0	-920.0	4.0	0.0	43.2	41.6
4715	440.0	-920.0	4.0	0.0	43.4	41.7
4716	460.0	-920.0	4.0	0.0	43.7	41.9
4717	480.0	-920.0	4.0	0.0	44.0	42.2

4718	500.0	-920.0	4.0	0.0	44.3	42.5
4719	520.0	-920.0	4.0	0.0	44.6	42.8
4720	540.0	-920.0	4.0	0.0	44.9	43.0
4721	560.0	-920.0	4.0	0.0	45.2	43.3
4722	580.0	-920.0	4.0	0.0	45.5	43.7
4723	600.0	-920.0	4.0	0.0	45.1	43.2
4724	620.0	-920.0	4.0	0.0	44.3	42.6
4725	640.0	-920.0	4.0	0.0	43.3	41.3
4726	660.0	-920.0	4.0	0.0	42.6	40.2
4727	680.0	-920.0	4.0	0.0	34.4	30.6
4757	1280.0	-920.0	4.0	0.0	28.6	27.5
4758	1300.0	-920.0	4.0	0.0	28.8	27.9
4759	1320.0	-920.0	4.0	0.0	29.4	28.6
4760	1340.0	-920.0	4.0	0.0	30.1	29.4
4761	1360.0	-920.0	4.0	0.0	30.9	30.2
4762	1380.0	-920.0	4.0	0.0	31.7	31.0
4763	1400.0	-920.0	4.0	0.0	32.5	32.0
4764	1420.0	-920.0	4.0	0.0	33.7	33.3
4765	1440.0	-920.0	4.0	0.0	26.3	26.0
4766	1460.0	-920.0	4.0	0.0	27.9	27.6
4767	1480.0	-920.0	4.0	0.0	28.5	28.2
4768	1500.0	-920.0	4.0	0.0	28.7	28.4
4769	1520.0	-920.0	4.0	0.0	28.7	28.4
4770	1540.0	-920.0	4.0	0.0	28.7	28.3
4771	1560.0	-920.0	4.0	0.0	28.6	28.2
4772	1580.0	-920.0	4.0	0.0	29.3	28.9
4773	1600.0	-920.0	4.0	0.0	28.6	28.0
4774	1620.0	-920.0	4.0	0.0	28.6	28.0
4775	1640.0	-920.0	4.0	0.0	28.4	27.8
4776	1660.0	-920.0	4.0	0.0	28.4	27.8
4777	1680.0	-920.0	4.0	0.0	28.3	27.7
4778	1700.0	-920.0	4.0	0.0	28.2	27.5
4779	1720.0	-920.0	4.0	0.0	28.2	27.5
4780	1740.0	-920.0	4.0	0.0	28.3	27.5
4781	1760.0	-920.0	4.0	0.0	28.6	27.8
4782	1780.0	-920.0	4.0	0.0	28.9	28.1
4783	1800.0	-920.0	4.0	0.0	28.8	28.0
4784	1820.0	-920.0	4.0	0.0	28.7	27.8
4785	1840.0	-920.0	4.0	0.0	28.3	27.4
4786	1860.0	-920.0	4.0	0.0	28.1	27.1
4787	1880.0	-920.0	4.0	0.0	27.7	26.7
4788	1900.0	-920.0	4.0	0.0	27.5	26.5
4789	1920.0	-920.0	4.0	0.0	27.3	26.3
4790	1940.0	-920.0	4.0	0.0	27.0	26.0
4791	1960.0	-920.0	4.0	0.0	26.8	25.8
4792	1980.0	-920.0	4.0	0.0	26.7	25.8
4793	2000.0	-920.0	4.0	0.0	26.6	25.7
4794	2020.0	-920.0	4.0	0.0	26.9	26.2
4795	0.0	-940.0	4.0	0.0	37.8	36.3
4796	20.0	-940.0	4.0	0.0	38.0	36.5
4797	40.0	-940.0	4.0	0.0	38.3	36.8
4798	60.0	-940.0	4.0	0.0	38.6	37.2
4799	80.0	-940.0	4.0	0.0	38.9	37.4
4800	100.0	-940.0	4.0	0.0	39.1	37.7
4801	120.0	-940.0	4.0	0.0	39.4	37.9
4802	140.0	-940.0	4.0	0.0	39.6	38.1
4803	160.0	-940.0	4.0	0.0	39.8	38.4
4804	180.0	-940.0	4.0	0.0	40.1	38.7
4805	200.0	-940.0	4.0	0.0	40.4	39.0
4806	220.0	-940.0	4.0	0.0	40.6	39.1
4807	240.0	-940.0	4.0	0.0	40.8	39.3
4808	260.0	-940.0	4.0	0.0	40.9	39.3
4809	280.0	-940.0	4.0	0.0	41.1	39.6
4810	300.0	-940.0	4.0	0.0	41.4	39.8
4811	320.0	-940.0	4.0	0.0	41.6	40.1
4812	340.0	-940.0	4.0	0.0	42.0	40.4
4813	360.0	-940.0	4.0	0.0	42.3	40.8
4814	380.0	-940.0	4.0	0.0	42.7	41.1
4815	400.0	-940.0	4.0	0.0	42.7	41.0
4816	420.0	-940.0	4.0	0.0	42.9	41.2
4817	440.0	-940.0	4.0	0.0	43.2	41.5
4818	460.0	-940.0	4.0	0.0	43.5	41.7
4819	480.0	-940.0	4.0	0.0	43.7	42.0
4820	500.0	-940.0	4.0	0.0	44.0	42.3

4821	520.0	-940.0	4.0	0.0	44.5	42.8
4822	540.0	-940.0	4.0	0.0	44.8	43.3
4823	560.0	-940.0	4.0	0.0	44.7	43.1
4824	580.0	-940.0	4.0	0.0	44.2	42.8
4825	600.0	-940.0	4.0	0.0	43.6	42.2
4826	620.0	-940.0	4.0	0.0	43.3	41.5
4827	640.0	-940.0	4.0	0.0	42.6	40.7
4828	660.0	-940.0	4.0	0.0	40.5	37.0
4829	680.0	-940.0	4.0	0.0	35.7	31.7
4854	1180.0	-940.0	4.0	0.0	28.9	27.0
4855	1200.0	-940.0	4.0	0.0	29.3	27.7
4856	1220.0	-940.0	4.0	0.0	29.9	28.7
4857	1240.0	-940.0	4.0	0.0	31.3	30.5
4858	1260.0	-940.0	4.0	0.0	31.7	31.0
4859	1280.0	-940.0	4.0	0.0	32.5	31.9
4860	1300.0	-940.0	4.0	0.0	33.1	32.6
4861	1320.0	-940.0	4.0	0.0	33.9	33.4
4862	1340.0	-940.0	4.0	0.0	34.6	34.2
4863	1360.0	-940.0	4.0	0.0	35.2	34.8
4864	1380.0	-940.0	4.0	0.0	35.8	35.4
4865	1400.0	-940.0	4.0	0.0	36.2	35.9
4866	1420.0	-940.0	4.0	0.0	36.6	36.3
4867	1440.0	-940.0	4.0	0.0	26.7	26.3
4868	1460.0	-940.0	4.0	0.0	27.6	27.3
4869	1480.0	-940.0	4.0	0.0	28.3	28.0
4870	1500.0	-940.0	4.0	0.0	28.5	28.2
4871	1520.0	-940.0	4.0	0.0	28.5	28.2
4872	1540.0	-940.0	4.0	0.0	28.5	28.1
4873	1560.0	-940.0	4.0	0.0	28.6	28.1
4874	1580.0	-940.0	4.0	0.0	28.8	28.2
4875	1600.0	-940.0	4.0	0.0	28.5	27.8
4876	1620.0	-940.0	4.0	0.0	28.6	27.9
4877	1640.0	-940.0	4.0	0.0	28.4	27.7
4878	1660.0	-940.0	4.0	0.0	28.4	27.7
4879	1680.0	-940.0	4.0	0.0	28.1	27.5
4880	1700.0	-940.0	4.0	0.0	27.9	27.3
4881	1720.0	-940.0	4.0	0.0	27.8	27.1
4882	1740.0	-940.0	4.0	0.0	27.6	26.9
4883	1760.0	-940.0	4.0	0.0	27.6	26.8
4884	1780.0	-940.0	4.0	0.0	27.6	26.8
4885	1800.0	-940.0	4.0	0.0	27.8	27.1
4886	1820.0	-940.0	4.0	0.0	28.3	27.4
4887	1840.0	-940.0	4.0	0.0	28.2	27.3
4888	1860.0	-940.0	4.0	0.0	27.9	26.9
4889	1880.0	-940.0	4.0	0.0	27.7	26.6
4890	1900.0	-940.0	4.0	0.0	27.5	26.4
4891	1920.0	-940.0	4.0	0.0	27.3	26.2
4892	1940.0	-940.0	4.0	0.0	27.1	26.0
4893	1960.0	-940.0	4.0	0.0	26.9	25.7
4894	1980.0	-940.0	4.0	0.0	26.5	25.5
4895	2000.0	-940.0	4.0	0.0	26.4	25.3
4896	2020.0	-940.0	4.0	0.0	26.1	25.2
4897	0.0	-960.0	4.0	0.0	37.7	36.1
4898	20.0	-960.0	4.0	0.0	38.0	36.5
4899	40.0	-960.0	4.0	0.0	38.2	36.8
4900	60.0	-960.0	4.0	0.0	38.6	37.2
4901	80.0	-960.0	4.0	0.0	38.9	37.4
4902	100.0	-960.0	4.0	0.0	39.1	37.7
4903	120.0	-960.0	4.0	0.0	39.4	38.0
4904	140.0	-960.0	4.0	0.0	39.6	38.2
4905	160.0	-960.0	4.0	0.0	39.8	38.4
4906	180.0	-960.0	4.0	0.0	40.0	38.5
4907	200.0	-960.0	4.0	0.0	40.2	38.7
4908	220.0	-960.0	4.0	0.0	40.3	38.8
4909	240.0	-960.0	4.0	0.0	40.6	39.0
4910	260.0	-960.0	4.0	0.0	40.8	39.3
4911	280.0	-960.0	4.0	0.0	41.1	39.5
4912	300.0	-960.0	4.0	0.0	41.4	39.8
4913	320.0	-960.0	4.0	0.0	41.7	40.2
4914	340.0	-960.0	4.0	0.0	41.9	40.4
4915	360.0	-960.0	4.0	0.0	42.0	40.4
4916	380.0	-960.0	4.0	0.0	42.2	40.5
4917	400.0	-960.0	4.0	0.0	42.4	40.7
4918	420.0	-960.0	4.0	0.0	42.7	41.0

4919	440.0	-960.0	4.0	0.0	42.9	41.3
4920	460.0	-960.0	4.0	0.0	43.2	41.5
4921	480.0	-960.0	4.0	0.0	43.5	41.8
4922	500.0	-960.0	4.0	0.0	43.8	42.3
4923	520.0	-960.0	4.0	0.0	44.3	43.0
4924	540.0	-960.0	4.0	0.0	43.9	42.4
4925	560.0	-960.0	4.0	0.0	43.8	42.5
4926	580.0	-960.0	4.0	0.0	43.4	42.1
4927	600.0	-960.0	4.0	0.0	42.9	41.5
4928	620.0	-960.0	4.0	0.0	42.7	41.1
4929	640.0	-960.0	4.0	0.0	42.1	40.3
4930	660.0	-960.0	4.0	0.0	40.2	37.1
4931	680.0	-960.0	4.0	0.0	38.5	33.1
4951	1080.0	-960.0	4.0	0.0	29.4	27.5
4952	1100.0	-960.0	4.0	0.0	29.7	27.9
4953	1120.0	-960.0	4.0	0.0	30.7	29.4
4954	1140.0	-960.0	4.0	0.0	31.4	30.3
4955	1160.0	-960.0	4.0	0.0	32.0	31.1
4956	1180.0	-960.0	4.0	0.0	32.6	31.8
4957	1200.0	-960.0	4.0	0.0	33.3	32.6
4958	1220.0	-960.0	4.0	0.0	34.7	34.2
4959	1240.0	-960.0	4.0	0.0	35.1	34.6
4960	1260.0	-960.0	4.0	0.0	35.5	35.1
4961	1280.0	-960.0	4.0	0.0	36.0	35.7
4962	1300.0	-960.0	4.0	0.0	36.5	36.1
4963	1320.0	-960.0	4.0	0.0	36.9	36.6
4964	1340.0	-960.0	4.0	0.0	37.3	37.0
4965	1360.0	-960.0	4.0	0.0	37.7	37.4
4966	1380.0	-960.0	4.0	0.0	38.0	37.7
4967	1400.0	-960.0	4.0	0.0	38.2	37.9
4968	1420.0	-960.0	4.0	0.0	38.3	38.0
4969	1440.0	-960.0	4.0	0.0	27.9	27.6
4970	1460.0	-960.0	4.0	0.0	28.0	27.7
4971	1480.0	-960.0	4.0	0.0	28.3	27.9
4972	1500.0	-960.0	4.0	0.0	28.3	28.0
4973	1520.0	-960.0	4.0	0.0	28.4	28.0
4974	1540.0	-960.0	4.0	0.0	28.3	27.9
4975	1560.0	-960.0	4.0	0.0	28.5	28.1
4976	1580.0	-960.0	4.0	0.0	27.9	27.5
4977	1600.0	-960.0	4.0	0.0	28.4	27.8
4978	1620.0	-960.0	4.0	0.0	28.4	27.7
4979	1640.0	-960.0	4.0	0.0	28.3	27.6
4980	1660.0	-960.0	4.0	0.0	28.3	27.6
4981	1680.0	-960.0	4.0	0.0	28.1	27.4
4982	1700.0	-960.0	4.0	0.0	28.0	27.1
4983	1720.0	-960.0	4.0	0.0	27.7	26.9
4984	1740.0	-960.0	4.0	0.0	27.4	26.7
4985	1760.0	-960.0	4.0	0.0	27.2	26.4
4986	1780.0	-960.0	4.0	0.0	27.1	26.3
4987	1800.0	-960.0	4.0	0.0	27.1	26.3
4988	1820.0	-960.0	4.0	0.0	27.1	26.3
4989	1840.0	-960.0	4.0	0.0	26.9	26.0
4990	1860.0	-960.0	4.0	0.0	27.0	26.0
4991	1880.0	-960.0	4.0	0.0	27.3	26.4
4992	1900.0	-960.0	4.0	0.0	27.3	26.3
4993	1920.0	-960.0	4.0	0.0	27.2	26.1
4994	1940.0	-960.0	4.0	0.0	27.0	25.9
4995	1960.0	-960.0	4.0	0.0	26.8	25.7
4996	1980.0	-960.0	4.0	0.0	26.6	25.5
4997	2000.0	-960.0	4.0	0.0	26.4	25.2
4998	2020.0	-960.0	4.0	0.0	26.2	25.0
4999	0.0	-980.0	4.0	0.0	37.6	36.1
5000	20.0	-980.0	4.0	0.0	38.0	36.5
5001	40.0	-980.0	4.0	0.0	38.2	36.8
5002	60.0	-980.0	4.0	0.0	38.6	37.2
5003	80.0	-980.0	4.0	0.0	38.9	37.5
5004	100.0	-980.0	4.0	0.0	39.2	37.8
5005	120.0	-980.0	4.0	0.0	39.4	38.0
5006	140.0	-980.0	4.0	0.0	39.5	38.0
5007	160.0	-980.0	4.0	0.0	39.6	38.1
5008	180.0	-980.0	4.0	0.0	39.8	38.2
5009	200.0	-980.0	4.0	0.0	40.0	38.5
5010	220.0	-980.0	4.0	0.0	40.2	38.7
5011	240.0	-980.0	4.0	0.0	40.5	39.0

5012	260.0	-980.0	4.0	0.0	40.8	39.3
5013	280.0	-980.0	4.0	0.0	41.1	39.6
5014	300.0	-980.0	4.0	0.0	41.4	39.9
5015	320.0	-980.0	4.0	0.0	41.6	40.0
5016	340.0	-980.0	4.0	0.0	41.6	39.9
5017	360.0	-980.0	4.0	0.0	41.7	40.1
5018	380.0	-980.0	4.0	0.0	42.0	40.3
5019	400.0	-980.0	4.0	0.0	42.2	40.6
5020	420.0	-980.0	4.0	0.0	42.4	40.8
5021	440.0	-980.0	4.0	0.0	42.7	41.1
5022	460.0	-980.0	4.0	0.0	42.9	41.4
5023	480.0	-980.0	4.0	0.0	43.4	42.0
5024	500.0	-980.0	4.0	0.0	43.6	42.4
5025	520.0	-980.0	4.0	0.0	43.6	42.6
5026	540.0	-980.0	4.0	0.0	43.2	42.1
5027	560.0	-980.0	4.0	0.0	43.3	42.2
5028	580.0	-980.0	4.0	0.0	42.9	41.7
5029	600.0	-980.0	4.0	0.0	42.6	41.2
5030	620.0	-980.0	4.0	0.0	42.3	40.8
5031	640.0	-980.0	4.0	0.0	42.0	40.0
5032	660.0	-980.0	4.0	0.0	40.1	37.5
5033	680.0	-980.0	4.0	0.0	38.5	34.4
5048	980.0	-980.0	4.0	0.0	31.2	30.1
5049	1000.0	-980.0	4.0	0.0	34.5	34.0
5050	1020.0	-980.0	4.0	0.0	29.6	27.8
5051	1040.0	-980.0	4.0	0.0	33.3	32.6
5052	1060.0	-980.0	4.0	0.0	32.4	31.5
5053	1080.0	-980.0	4.0	0.0	32.7	31.8
5054	1100.0	-980.0	4.0	0.0	33.3	32.5
5055	1120.0	-980.0	4.0	0.0	34.2	33.6
5056	1140.0	-980.0	4.0	0.0	34.9	34.3
5057	1160.0	-980.0	4.0	0.0	35.5	34.9
5058	1180.0	-980.0	4.0	0.0	35.9	35.5
5059	1200.0	-980.0	4.0	0.0	36.4	36.0
5060	1220.0	-980.0	4.0	0.0	37.9	37.6
5061	1240.0	-980.0	4.0	0.0	37.7	37.4
5062	1260.0	-980.0	4.0	0.0	38.1	37.8
5063	1280.0	-980.0	4.0	0.0	38.3	38.0
5064	1300.0	-980.0	4.0	0.0	38.5	38.2
5065	1320.0	-980.0	4.0	0.0	38.7	38.4
5066	1340.0	-980.0	4.0	0.0	38.9	38.6
5067	1360.0	-980.0	4.0	0.0	39.0	38.8
5068	1380.0	-980.0	4.0	0.0	39.1	38.9
5069	1400.0	-980.0	4.0	0.0	39.1	38.9
5070	1420.0	-980.0	4.0	0.0	39.1	38.8
5071	1440.0	-980.0	4.0	0.0	28.5	28.2
5072	1460.0	-980.0	4.0	0.0	28.5	28.1
5073	1480.0	-980.0	4.0	0.0	28.4	28.0
5074	1500.0	-980.0	4.0	0.0	28.4	28.0
5075	1520.0	-980.0	4.0	0.0	28.3	27.8
5076	1540.0	-980.0	4.0	0.0	28.2	27.8
5077	1560.0	-980.0	4.0	0.0	28.4	28.0
5078	1580.0	-980.0	4.0	0.0	27.8	27.3
5079	1600.0	-980.0	4.0	0.0	28.1	27.5
5080	1620.0	-980.0	4.0	0.0	28.1	27.5
5081	1640.0	-980.0	4.0	0.0	28.2	27.5
5082	1660.0	-980.0	4.0	0.0	28.1	27.4
5083	1680.0	-980.0	4.0	0.0	28.0	27.2
5084	1700.0	-980.0	4.0	0.0	27.8	27.0
5085	1720.0	-980.0	4.0	0.0	27.6	26.8
5086	1740.0	-980.0	4.0	0.0	27.4	26.5
5087	1760.0	-980.0	4.0	0.0	27.3	26.3
5088	1780.0	-980.0	4.0	0.0	27.0	26.1
5089	1800.0	-980.0	4.0	0.0	26.7	25.9
5090	1820.0	-980.0	4.0	0.0	26.5	25.7
5091	1840.0	-980.0	4.0	0.0	26.3	25.4
5092	1860.0	-980.0	4.0	0.0	26.0	25.0
5093	1880.0	-980.0	4.0	0.0	26.1	25.1
5094	1900.0	-980.0	4.0	0.0	26.4	25.3
5095	1920.0	-980.0	4.0	0.0	26.7	25.7
5096	1940.0	-980.0	4.0	0.0	26.8	25.8
5097	1960.0	-980.0	4.0	0.0	26.7	25.7
5098	1980.0	-980.0	4.0	0.0	26.5	25.4
5099	2000.0	-980.0	4.0	0.0	26.4	25.2

5100	2020.0	-980.0	4.0	0.0	26.2	25.0
5101	0.0	-1000.0	4.0	0.0	37.6	36.1
5102	20.0	-1000.0	4.0	0.0	38.0	36.6
5103	40.0	-1000.0	4.0	0.0	38.3	36.9
5104	60.0	-1000.0	4.0	0.0	38.6	37.3
5105	80.0	-1000.0	4.0	0.0	38.8	37.4
5106	100.0	-1000.0	4.0	0.0	38.9	37.5
5107	120.0	-1000.0	4.0	0.0	39.0	37.5
5108	140.0	-1000.0	4.0	0.0	39.2	37.7
5109	160.0	-1000.0	4.0	0.0	39.4	37.9
5110	180.0	-1000.0	4.0	0.0	39.7	38.2
5111	200.0	-1000.0	4.0	0.0	39.9	38.4
5112	220.0	-1000.0	4.0	0.0	40.2	38.7
5113	240.0	-1000.0	4.0	0.0	40.5	39.1
5114	260.0	-1000.0	4.0	0.0	40.8	39.3
5115	280.0	-1000.0	4.0	0.0	40.9	39.4
5116	300.0	-1000.0	4.0	0.0	41.0	39.5
5117	320.0	-1000.0	4.0	0.0	41.2	39.5
5118	340.0	-1000.0	4.0	0.0	41.5	39.8
5119	360.0	-1000.0	4.0	0.0	41.7	39.9
5120	380.0	-1000.0	4.0	0.0	41.8	40.1
5121	400.0	-1000.0	4.0	0.0	41.9	40.4
5122	420.0	-1000.0	4.0	0.0	42.1	40.6
5123	440.0	-1000.0	4.0	0.0	42.5	41.0
5124	460.0	-1000.0	4.0	0.0	42.7	41.4
5125	480.0	-1000.0	4.0	0.0	43.1	41.9
5126	500.0	-1000.0	4.0	0.0	43.1	42.1
5127	520.0	-1000.0	4.0	0.0	43.2	42.3
5128	540.0	-1000.0	4.0	0.0	42.8	41.8
5129	560.0	-1000.0	4.0	0.0	42.9	41.8
5130	580.0	-1000.0	4.0	0.0	42.3	41.1
5131	600.0	-1000.0	4.0	0.0	42.2	40.9
5132	620.0	-1000.0	4.0	0.0	42.0	40.6
5133	640.0	-1000.0	4.0	0.0	41.2	39.5
5134	660.0	-1000.0	4.0	0.0	40.2	38.0
5135	680.0	-1000.0	4.0	0.0	38.9	35.8
5145	880.0	-1000.0	4.0	0.0	28.0	26.1
5146	900.0	-1000.0	4.0	0.0	29.4	27.9
5147	920.0	-1000.0	4.0	0.0	30.0	28.7
5148	940.0	-1000.0	4.0	0.0	31.1	30.1
5149	960.0	-1000.0	4.0	0.0	32.3	31.4
5150	980.0	-1000.0	4.0	0.0	33.8	33.2
5151	1000.0	-1000.0	4.0	0.0	36.4	36.0
5152	1020.0	-1000.0	4.0	0.0	33.8	33.0
5153	1040.0	-1000.0	4.0	0.0	35.6	35.1
5154	1060.0	-1000.0	4.0	0.0	35.5	35.0
5155	1080.0	-1000.0	4.0	0.0	35.9	35.4
5156	1100.0	-1000.0	4.0	0.0	36.3	35.9
5157	1120.0	-1000.0	4.0	0.0	36.9	36.4
5158	1140.0	-1000.0	4.0	0.0	37.4	37.1
5159	1160.0	-1000.0	4.0	0.0	37.8	37.4
5160	1180.0	-1000.0	4.0	0.0	38.2	37.8
5161	1200.0	-1000.0	4.0	0.0	38.5	38.2
5162	1220.0	-1000.0	4.0	0.0	39.4	39.1
5163	1240.0	-1000.0	4.0	0.0	39.5	39.2
5164	1260.0	-1000.0	4.0	0.0	39.6	39.4
5165	1280.0	-1000.0	4.0	0.0	39.6	39.3
5166	1300.0	-1000.0	4.0	0.0	39.6	39.3
5167	1320.0	-1000.0	4.0	0.0	39.7	39.4
5168	1340.0	-1000.0	4.0	0.0	39.7	39.4
5169	1360.0	-1000.0	4.0	0.0	39.6	39.4
5170	1380.0	-1000.0	4.0	0.0	39.6	39.3
5171	1400.0	-1000.0	4.0	0.0	39.6	39.3
5172	1420.0	-1000.0	4.0	0.0	39.4	39.1
5173	1440.0	-1000.0	4.0	0.0	28.8	28.4
5174	1460.0	-1000.0	4.0	0.0	28.6	28.2
5175	1480.0	-1000.0	4.0	0.0	28.5	28.1
5176	1500.0	-1000.0	4.0	0.0	28.3	27.9
5177	1520.0	-1000.0	4.0	0.0	28.2	27.8
5178	1540.0	-1000.0	4.0	0.0	28.2	27.7
5179	1560.0	-1000.0	4.0	0.0	28.3	27.9
5180	1580.0	-1000.0	4.0	0.0	27.6	27.1
5181	1600.0	-1000.0	4.0	0.0	27.7	27.2
5182	1620.0	-1000.0	4.0	0.0	27.8	27.2



5183	1640.0	-1000.0	4.0	0.0	27.9	27.3
5184	1660.0	-1000.0	4.0	0.0	27.8	27.1
5185	1680.0	-1000.0	4.0	0.0	27.7	27.0
5186	1700.0	-1000.0	4.0	0.0	27.5	26.8
5187	1720.0	-1000.0	4.0	0.0	27.5	26.6
5188	1740.0	-1000.0	4.0	0.0	27.3	26.4
5189	1760.0	-1000.0	4.0	0.0	27.1	26.2
5190	1780.0	-1000.0	4.0	0.0	27.0	26.0
5191	1800.0	-1000.0	4.0	0.0	26.8	25.8
5192	1820.0	-1000.0	4.0	0.0	26.3	25.2
5193	1840.0	-1000.0	4.0	0.0	26.1	25.0
5194	1860.0	-1000.0	4.0	0.0	25.6	24.4
5195	1880.0	-1000.0	4.0	0.0	25.5	24.4
5196	1900.0	-1000.0	4.0	0.0	25.6	24.5
5197	1920.0	-1000.0	4.0	0.0	25.7	24.6
5198	1940.0	-1000.0	4.0	0.0	25.9	24.8
5199	1960.0	-1000.0	4.0	0.0	26.2	25.1
5200	1980.0	-1000.0	4.0	0.0	26.3	25.2
5201	2000.0	-1000.0	4.0	0.0	26.2	25.2
5202	2020.0	-1000.0	4.0	0.0	26.0	24.9
5203	0.0	-1020.0	4.0	0.0	37.7	36.2
5204	20.0	-1020.0	4.0	0.0	38.0	36.6
5205	40.0	-1020.0	4.0	0.0	38.1	36.7
5206	60.0	-1020.0	4.0	0.0	38.4	37.0
5207	80.0	-1020.0	4.0	0.0	38.5	37.1
5208	100.0	-1020.0	4.0	0.0	38.8	37.3
5209	120.0	-1020.0	4.0	0.0	38.9	37.5
5210	140.0	-1020.0	4.0	0.0	39.2	37.7
5211	160.0	-1020.0	4.0	0.0	39.4	37.9
5212	180.0	-1020.0	4.0	0.0	39.7	38.2
5213	200.0	-1020.0	4.0	0.0	39.9	38.5
5214	220.0	-1020.0	4.0	0.0	40.3	38.8
5215	240.0	-1020.0	4.0	0.0	40.4	38.9
5216	260.0	-1020.0	4.0	0.0	40.5	39.0
5217	280.0	-1020.0	4.0	0.0	40.6	39.0
5218	300.0	-1020.0	4.0	0.0	40.8	39.2
5219	320.0	-1020.0	4.0	0.0	41.1	39.4
5220	340.0	-1020.0	4.0	0.0	41.3	39.6
5221	360.0	-1020.0	4.0	0.0	41.5	39.8
5222	380.0	-1020.0	4.0	0.0	41.5	40.0
5223	400.0	-1020.0	4.0	0.0	41.7	40.2
5224	420.0	-1020.0	4.0	0.0	41.9	40.5
5225	440.0	-1020.0	4.0	0.0	42.3	41.1
5226	460.0	-1020.0	4.0	0.0	42.5	41.5
5227	480.0	-1020.0	4.0	0.0	42.7	41.7
5228	500.0	-1020.0	4.0	0.0	42.8	41.8
5229	520.0	-1020.0	4.0	0.0	42.9	42.0
5230	540.0	-1020.0	4.0	0.0	42.5	41.4
5231	560.0	-1020.0	4.0	0.0	42.3	41.2
5232	580.0	-1020.0	4.0	0.0	42.0	40.8
5233	600.0	-1020.0	4.0	0.0	41.9	40.6
5234	620.0	-1020.0	4.0	0.0	41.7	40.4
5235	640.0	-1020.0	4.0	0.0	41.1	39.5
5236	660.0	-1020.0	4.0	0.0	40.7	38.5
5237	680.0	-1020.0	4.0	0.0	39.6	37.4
5238	700.0	-1020.0	4.0	0.0	32.7	31.9
5241	760.0	-1020.0	4.0	0.0	29.2	28.2
5242	780.0	-1020.0	4.0	0.0	28.9	27.9
5243	800.0	-1020.0	4.0	0.0	28.8	27.7
5244	820.0	-1020.0	4.0	0.0	29.6	28.5
5245	840.0	-1020.0	4.0	0.0	30.6	29.7
5246	860.0	-1020.0	4.0	0.0	31.3	30.5
5247	880.0	-1020.0	4.0	0.0	32.3	31.5
5248	900.0	-1020.0	4.0	0.0	33.3	32.6
5249	920.0	-1020.0	4.0	0.0	34.0	33.4
5250	940.0	-1020.0	4.0	0.0	34.8	34.2
5251	960.0	-1020.0	4.0	0.0	35.6	35.1
5252	980.0	-1020.0	4.0	0.0	36.6	36.2
5253	1000.0	-1020.0	4.0	0.0	38.2	37.9
5254	1020.0	-1020.0	4.0	0.0	36.6	36.2
5255	1040.0	-1020.0	4.0	0.0	37.7	37.3
5256	1060.0	-1020.0	4.0	0.0	37.8	37.4
5257	1080.0	-1020.0	4.0	0.0	38.0	37.7
5258	1100.0	-1020.0	4.0	0.0	38.4	38.0

5259	1120.0	-1020.0	4.0	0.0	38.7	38.4
5260	1140.0	-1020.0	4.0	0.0	39.1	38.8
5261	1160.0	-1020.0	4.0	0.0	39.3	39.1
5262	1180.0	-1020.0	4.0	0.0	39.5	39.3
5263	1200.0	-1020.0	4.0	0.0	39.7	39.4
5264	1220.0	-1020.0	4.0	0.0	39.9	39.6
5265	1240.0	-1020.0	4.0	0.0	40.5	40.2
5266	1260.0	-1020.0	4.0	0.0	40.6	40.3
5267	1280.0	-1020.0	4.0	0.0	40.3	40.0
5268	1300.0	-1020.0	4.0	0.0	40.2	39.9
5269	1320.0	-1020.0	4.0	0.0	40.1	39.8
5270	1340.0	-1020.0	4.0	0.0	40.0	39.7
5271	1360.0	-1020.0	4.0	0.0	39.9	39.6
5272	1380.0	-1020.0	4.0	0.0	39.8	39.5
5273	1400.0	-1020.0	4.0	0.0	39.7	39.4
5274	1420.0	-1020.0	4.0	0.0	39.5	39.2
5275	1440.0	-1020.0	4.0	0.0	29.7	29.1
5276	1460.0	-1020.0	4.0	0.0	28.6	28.2
5277	1480.0	-1020.0	4.0	0.0	28.4	28.0
5278	1500.0	-1020.0	4.0	0.0	28.3	27.8
5279	1520.0	-1020.0	4.0	0.0	28.1	27.7
5280	1540.0	-1020.0	4.0	0.0	28.1	27.6
5281	1560.0	-1020.0	4.0	0.0	28.3	27.8
5282	1580.0	-1020.0	4.0	0.0	27.5	26.9
5283	1600.0	-1020.0	4.0	0.0	27.5	27.0
5284	1620.0	-1020.0	4.0	0.0	27.3	26.8
5285	1640.0	-1020.0	4.0	0.0	27.4	26.9
5286	1660.0	-1020.0	4.0	0.0	27.2	26.6
5287	1680.0	-1020.0	4.0	0.0	27.4	26.7
5288	1700.0	-1020.0	4.0	0.0	27.3	26.6
5289	1720.0	-1020.0	4.0	0.0	27.2	26.4
5290	1740.0	-1020.0	4.0	0.0	27.0	26.2
5291	1760.0	-1020.0	4.0	0.0	26.9	26.1
5292	1780.0	-1020.0	4.0	0.0	26.9	25.9
5293	1800.0	-1020.0	4.0	0.0	26.8	25.7
5294	1820.0	-1020.0	4.0	0.0	26.2	25.1
5295	1840.0	-1020.0	4.0	0.0	26.1	24.9
5296	1860.0	-1020.0	4.0	0.0	25.6	24.2
5297	1880.0	-1020.0	4.0	0.0	25.4	24.0
5298	1900.0	-1020.0	4.0	0.0	25.2	24.0
5299	1920.0	-1020.0	4.0	0.0	25.2	24.0
5300	1940.0	-1020.0	4.0	0.0	25.3	24.0
5301	1960.0	-1020.0	4.0	0.0	25.2	24.1
5302	1980.0	-1020.0	4.0	0.0	25.3	24.1
5303	2000.0	-1020.0	4.0	0.0	25.6	24.4
5304	2020.0	-1020.0	4.0	0.0	25.7	24.6
5305	0.0	-1040.0	4.0	0.0	37.6	36.2
5306	20.0	-1040.0	4.0	0.0	37.8	36.4
5307	40.0	-1040.0	4.0	0.0	37.9	36.4
5308	60.0	-1040.0	4.0	0.0	38.3	36.8
5309	80.0	-1040.0	4.0	0.0	38.5	37.0
5310	100.0	-1040.0	4.0	0.0	38.7	37.2
5311	120.0	-1040.0	4.0	0.0	38.9	37.4
5312	140.0	-1040.0	4.0	0.0	39.1	37.7
5313	160.0	-1040.0	4.0	0.0	39.4	38.0
5314	180.0	-1040.0	4.0	0.0	39.7	38.3
5315	200.0	-1040.0	4.0	0.0	39.9	38.5
5316	220.0	-1040.0	4.0	0.0	40.0	38.5
5317	240.0	-1040.0	4.0	0.0	40.0	38.5
5318	260.0	-1040.0	4.0	0.0	40.3	38.7
5319	280.0	-1040.0	4.0	0.0	40.5	38.9
5320	300.0	-1040.0	4.0	0.0	40.7	39.1
5321	320.0	-1040.0	4.0	0.0	40.9	39.3
5322	340.0	-1040.0	4.0	0.0	41.1	39.5
5323	360.0	-1040.0	4.0	0.0	41.3	39.7
5324	380.0	-1040.0	4.0	0.0	41.4	39.8
5325	400.0	-1040.0	4.0	0.0	41.4	40.1
5326	420.0	-1040.0	4.0	0.0	41.8	40.7
5327	440.0	-1040.0	4.0	0.0	42.1	41.1
5328	460.0	-1040.0	4.0	0.0	42.2	41.2
5329	480.0	-1040.0	4.0	0.0	42.4	41.4
5330	500.0	-1040.0	4.0	0.0	42.5	41.6
5331	520.0	-1040.0	4.0	0.0	42.4	41.5
5332	540.0	-1040.0	4.0	0.0	41.9	40.9

5333	560.0	-1040.0	4.0	0.0	41.9	40.8
5334	580.0	-1040.0	4.0	0.0	41.7	40.5
5335	600.0	-1040.0	4.0	0.0	41.6	40.3
5336	620.0	-1040.0	4.0	0.0	41.4	40.1
5337	640.0	-1040.0	4.0	0.0	41.0	39.6
5338	660.0	-1040.0	4.0	0.0	41.0	39.2
5339	680.0	-1040.0	4.0	0.0	39.6	37.8
5340	700.0	-1040.0	4.0	0.0	30.0	26.8
5341	720.0	-1040.0	4.0	0.0	32.9	32.5
5342	740.0	-1040.0	4.0	0.0	32.4	31.9
5343	760.0	-1040.0	4.0	0.0	32.2	31.6
5344	780.0	-1040.0	4.0	0.0	32.6	32.0
5345	800.0	-1040.0	4.0	0.0	33.2	32.7
5346	820.0	-1040.0	4.0	0.0	33.9	33.4
5347	840.0	-1040.0	4.0	0.0	34.6	34.1
5348	860.0	-1040.0	4.0	0.0	35.2	34.8
5349	880.0	-1040.0	4.0	0.0	35.8	35.4
5350	900.0	-1040.0	4.0	0.0	36.3	35.9
5351	920.0	-1040.0	4.0	0.0	36.8	36.4
5352	940.0	-1040.0	4.0	0.0	37.3	36.9
5353	960.0	-1040.0	4.0	0.0	37.8	37.5
5354	980.0	-1040.0	4.0	0.0	38.6	38.3
5358	1060.0	-1040.0	4.0	0.0	39.2	38.9
5359	1080.0	-1040.0	4.0	0.0	39.4	39.2
5360	1100.0	-1040.0	4.0	0.0	39.6	39.3
5361	1120.0	-1040.0	4.0	0.0	39.8	39.6
5362	1140.0	-1040.0	4.0	0.0	40.1	39.8
5363	1160.0	-1040.0	4.0	0.0	40.2	39.9
5364	1180.0	-1040.0	4.0	0.0	40.3	40.0
5365	1200.0	-1040.0	4.0	0.0	40.3	40.1
5366	1220.0	-1040.0	4.0	0.0	40.3	40.1
5367	1240.0	-1040.0	4.0	0.0	40.5	40.3
5368	1260.0	-1040.0	4.0	0.0	41.0	40.7
5369	1280.0	-1040.0	4.0	0.0	40.7	40.4
5370	1300.0	-1040.0	4.0	0.0	40.4	40.1
5371	1320.0	-1040.0	4.0	0.0	40.2	39.9
5372	1340.0	-1040.0	4.0	0.0	40.1	39.8
5373	1360.0	-1040.0	4.0	0.0	40.0	39.6
5374	1380.0	-1040.0	4.0	0.0	39.8	39.5
5375	1400.0	-1040.0	4.0	0.0	39.6	39.3
5376	1420.0	-1040.0	4.0	0.0	39.5	39.1
5377	1440.0	-1040.0	4.0	0.0	32.6	32.1
5378	1460.0	-1040.0	4.0	0.0	28.5	28.1
5379	1480.0	-1040.0	4.0	0.0	28.3	27.9
5380	1500.0	-1040.0	4.0	0.0	28.1	27.7
5381	1520.0	-1040.0	4.0	0.0	28.0	27.6
5382	1540.0	-1040.0	4.0	0.0	28.0	27.5
5383	1560.0	-1040.0	4.0	0.0	28.2	27.7
5384	1580.0	-1040.0	4.0	0.0	27.3	26.8
5385	1600.0	-1040.0	4.0	0.0	27.4	26.8
5386	1620.0	-1040.0	4.0	0.0	27.2	26.6
5387	1640.0	-1040.0	4.0	0.0	27.2	26.6
5388	1660.0	-1040.0	4.0	0.0	27.0	26.4
5389	1680.0	-1040.0	4.0	0.0	26.8	26.2
5390	1700.0	-1040.0	4.0	0.0	26.7	26.0
5391	1720.0	-1040.0	4.0	0.0	26.9	26.2
5392	1740.0	-1040.0	4.0	0.0	26.8	26.0
5393	1760.0	-1040.0	4.0	0.0	26.7	25.9
5394	1780.0	-1040.0	4.0	0.0	26.6	25.7
5395	1800.0	-1040.0	4.0	0.0	26.5	25.6
5396	1820.0	-1040.0	4.0	0.0	26.1	25.0
5397	1840.0	-1040.0	4.0	0.0	25.9	24.6
5398	1860.0	-1040.0	4.0	0.0	25.4	24.1
5399	1880.0	-1040.0	4.0	0.0	25.3	23.9
5400	1900.0	-1040.0	4.0	0.0	25.1	23.7
5401	1920.0	-1040.0	4.0	0.0	25.0	23.6
5402	1940.0	-1040.0	4.0	0.0	25.0	23.6
5403	1960.0	-1040.0	4.0	0.0	24.8	23.6
5404	1980.0	-1040.0	4.0	0.0	24.9	23.5
5405	2000.0	-1040.0	4.0	0.0	24.9	23.6
5406	2020.0	-1040.0	4.0	0.0	24.9	23.6
5407	0.0	-1060.0	4.0	0.0	37.4	35.8
5408	20.0	-1060.0	4.0	0.0	37.6	36.1
5409	40.0	-1060.0	4.0	0.0	37.9	36.5

5410	60.0	-1060.0	4.0	0.0	38.2	36.8
5411	80.0	-1060.0	4.0	0.0	38.4	37.0
5412	100.0	-1060.0	4.0	0.0	38.7	37.2
5413	120.0	-1060.0	4.0	0.0	38.9	37.4
5414	140.0	-1060.0	4.0	0.0	39.2	37.7
5415	160.0	-1060.0	4.0	0.0	39.4	37.9
5416	180.0	-1060.0	4.0	0.0	39.5	38.0
5417	200.0	-1060.0	4.0	0.0	39.6	38.1
5418	220.0	-1060.0	4.0	0.0	39.7	38.2
5419	240.0	-1060.0	4.0	0.0	39.9	38.4
5420	260.0	-1060.0	4.0	0.0	40.1	38.6
5421	280.0	-1060.0	4.0	0.0	40.3	38.8
5422	300.0	-1060.0	4.0	0.0	40.5	39.0
5423	320.0	-1060.0	4.0	0.0	40.8	39.2
5424	340.0	-1060.0	4.0	0.0	40.9	39.3
5425	360.0	-1060.0	4.0	0.0	41.1	39.5
5426	380.0	-1060.0	4.0	0.0	41.3	39.9
5427	400.0	-1060.0	4.0	0.0	41.6	40.4
5428	420.0	-1060.0	4.0	0.0	41.7	40.7
5429	440.0	-1060.0	4.0	0.0	41.8	40.8
5430	460.0	-1060.0	4.0	0.0	41.9	41.0
5431	480.0	-1060.0	4.0	0.0	42.1	41.2
5432	500.0	-1060.0	4.0	0.0	42.2	41.3
5433	520.0	-1060.0	4.0	0.0	41.8	40.8
5434	540.0	-1060.0	4.0	0.0	41.5	40.4
5435	560.0	-1060.0	4.0	0.0	41.6	40.5
5436	580.0	-1060.0	4.0	0.0	41.3	40.1
5437	600.0	-1060.0	4.0	0.0	41.3	40.1
5438	620.0	-1060.0	4.0	0.0	41.1	39.9
5439	640.0	-1060.0	4.0	0.0	41.1	39.9
5440	660.0	-1060.0	4.0	0.0	40.5	39.1
5441	680.0	-1060.0	4.0	0.0	39.4	37.6
5442	700.0	-1060.0	4.0	0.0	34.1	32.7
5443	720.0	-1060.0	4.0	0.0	35.4	35.1
5444	740.0	-1060.0	4.0	0.0	35.4	35.0
5445	760.0	-1060.0	4.0	0.0	35.6	35.3
5446	780.0	-1060.0	4.0	0.0	36.0	35.6
5447	800.0	-1060.0	4.0	0.0	36.4	36.0
5448	820.0	-1060.0	4.0	0.0	36.8	36.5
5449	840.0	-1060.0	4.0	0.0	37.2	36.9
5450	860.0	-1060.0	4.0	0.0	37.6	37.3
5451	880.0	-1060.0	4.0	0.0	38.0	37.7
5452	900.0	-1060.0	4.0	0.0	38.4	38.1
5461	1080.0	-1060.0	4.0	0.0	40.1	39.9
5462	1100.0	-1060.0	4.0	0.0	40.2	40.0
5463	1120.0	-1060.0	4.0	0.0	40.3	40.1
5464	1140.0	-1060.0	4.0	0.0	40.5	40.3
5465	1160.0	-1060.0	4.0	0.0	40.5	40.3
5466	1180.0	-1060.0	4.0	0.0	40.5	40.3
5467	1200.0	-1060.0	4.0	0.0	40.5	40.3
5468	1220.0	-1060.0	4.0	0.0	40.5	40.2
5469	1240.0	-1060.0	4.0	0.0	40.4	40.2
5470	1260.0	-1060.0	4.0	0.0	40.7	40.4
5471	1280.0	-1060.0	4.0	0.0	40.9	40.7
5472	1300.0	-1060.0	4.0	0.0	40.5	40.2
5473	1320.0	-1060.0	4.0	0.0	40.2	39.9
5474	1340.0	-1060.0	4.0	0.0	40.0	39.7
5475	1360.0	-1060.0	4.0	0.0	39.9	39.6
5476	1380.0	-1060.0	4.0	0.0	39.7	39.4
5477	1400.0	-1060.0	4.0	0.0	39.5	39.2
5478	1420.0	-1060.0	4.0	0.0	39.3	39.0
5479	1440.0	-1060.0	4.0	0.0	35.5	35.1
5480	1460.0	-1060.0	4.0	0.0	28.3	27.9
5481	1480.0	-1060.0	4.0	0.0	28.1	27.7
5482	1500.0	-1060.0	4.0	0.0	28.0	27.5
5483	1520.0	-1060.0	4.0	0.0	27.9	27.4
5484	1540.0	-1060.0	4.0	0.0	27.9	27.4
5485	1560.0	-1060.0	4.0	0.0	27.6	27.1
5486	1580.0	-1060.0	4.0	0.0	27.2	26.6
5487	1600.0	-1060.0	4.0	0.0	27.2	26.7
5488	1620.0	-1060.0	4.0	0.0	27.0	26.5
5489	1640.0	-1060.0	4.0	0.0	27.1	26.5
5490	1660.0	-1060.0	4.0	0.0	26.9	26.3
5491	1680.0	-1060.0	4.0	0.0	26.7	26.1

5492	1700.0	-1060.0	4.0	0.0	26.5	25.9
5493	1720.0	-1060.0	4.0	0.0	26.4	25.7
5494	1740.0	-1060.0	4.0	0.0	26.4	25.7
5495	1760.0	-1060.0	4.0	0.0	26.4	25.6
5496	1780.0	-1060.0	4.0	0.0	26.3	25.5
5497	1800.0	-1060.0	4.0	0.0	26.3	25.4
5498	1820.0	-1060.0	4.0	0.0	25.8	24.8
5499	1840.0	-1060.0	4.0	0.0	25.5	24.4
5500	1860.0	-1060.0	4.0	0.0	25.2	24.0
5501	1880.0	-1060.0	4.0	0.0	25.2	23.8
5502	1900.0	-1060.0	4.0	0.0	25.1	23.6
5503	1920.0	-1060.0	4.0	0.0	24.9	23.5
5504	1940.0	-1060.0	4.0	0.0	24.8	23.3
5505	1960.0	-1060.0	4.0	0.0	24.7	23.2
5506	1980.0	-1060.0	4.0	0.0	24.7	23.2
5507	2000.0	-1060.0	4.0	0.0	24.6	23.2
5508	2020.0	-1060.0	4.0	0.0	24.4	23.1
5509	0.0	-1080.0	4.0	0.0	37.4	35.9
5510	20.0	-1080.0	4.0	0.0	37.6	36.1
5511	40.0	-1080.0	4.0	0.0	38.0	36.5
5512	60.0	-1080.0	4.0	0.0	38.2	36.8
5513	80.0	-1080.0	4.0	0.0	38.4	37.0
5514	100.0	-1080.0	4.0	0.0	38.7	37.3
5515	120.0	-1080.0	4.0	0.0	38.8	37.4
5516	140.0	-1080.0	4.0	0.0	39.0	37.5
5517	160.0	-1080.0	4.0	0.0	39.1	37.6
5518	180.0	-1080.0	4.0	0.0	39.1	37.6
5519	200.0	-1080.0	4.0	0.0	39.3	37.9
5520	220.0	-1080.0	4.0	0.0	39.5	38.1
5521	240.0	-1080.0	4.0	0.0	39.7	38.2
5522	260.0	-1080.0	4.0	0.0	39.9	38.4
5523	280.0	-1080.0	4.0	0.0	40.2	38.7
5524	300.0	-1080.0	4.0	0.0	40.4	38.8
5525	320.0	-1080.0	4.0	0.0	40.5	39.0
5526	340.0	-1080.0	4.0	0.0	40.8	39.3
5527	360.0	-1080.0	4.0	0.0	41.0	39.6
5528	380.0	-1080.0	4.0	0.0	41.4	40.2
5529	400.0	-1080.0	4.0	0.0	41.5	40.4
5530	420.0	-1080.0	4.0	0.0	41.6	40.5
5531	440.0	-1080.0	4.0	0.0	41.5	40.6
5532	460.0	-1080.0	4.0	0.0	41.7	40.7
5533	480.0	-1080.0	4.0	0.0	41.8	40.9
5534	500.0	-1080.0	4.0	0.0	41.7	40.7
5535	520.0	-1080.0	4.0	0.0	41.1	40.1
5536	540.0	-1080.0	4.0	0.0	41.1	40.1
5537	560.0	-1080.0	4.0	0.0	41.1	40.0
5538	580.0	-1080.0	4.0	0.0	40.9	39.7
5539	600.0	-1080.0	4.0	0.0	41.0	39.8
5540	620.0	-1080.0	4.0	0.0	41.1	39.9
5541	640.0	-1080.0	4.0	0.0	40.8	39.6
5542	660.0	-1080.0	4.0	0.0	40.1	38.7
5543	680.0	-1080.0	4.0	0.0	40.1	37.9
5544	700.0	-1080.0	4.0	0.0	37.0	36.2
5545	720.0	-1080.0	4.0	0.0	37.6	37.3
5546	740.0	-1080.0	4.0	0.0	37.6	37.4
5547	760.0	-1080.0	4.0	0.0	37.8	37.5
5548	780.0	-1080.0	4.0	0.0	38.0	37.8
5549	800.0	-1080.0	4.0	0.0	38.3	38.1
5550	820.0	-1080.0	4.0	0.0	38.6	38.3
5563	1080.0	-1080.0	4.0	0.0	40.2	40.1
5564	1100.0	-1080.0	4.0	0.0	40.3	40.1
5565	1120.0	-1080.0	4.0	0.0	40.4	40.1
5566	1140.0	-1080.0	4.0	0.0	40.6	40.4
5572	1260.0	-1080.0	4.0	0.0	40.3	40.2
5573	1280.0	-1080.0	4.0	0.0	40.6	40.3
5574	1300.0	-1080.0	4.0	0.0	40.6	40.3
5575	1320.0	-1080.0	4.0	0.0	40.2	39.9
5576	1340.0	-1080.0	4.0	0.0	40.0	39.6
5577	1360.0	-1080.0	4.0	0.0	39.8	39.4
5578	1380.0	-1080.0	4.0	0.0	39.6	39.2
5579	1400.0	-1080.0	4.0	0.0	39.4	39.0
5580	1420.0	-1080.0	4.0	0.0	39.2	38.8
5581	1440.0	-1080.0	4.0	0.0	36.4	35.9
5582	1460.0	-1080.0	4.0	0.0	28.1	27.7

5583	1480.0	-1080.0	4.0	0.0	28.0	27.5
5584	1500.0	-1080.0	4.0	0.0	27.8	27.4
5585	1520.0	-1080.0	4.0	0.0	27.7	27.3
5586	1540.0	-1080.0	4.0	0.0	27.8	27.3
5587	1560.0	-1080.0	4.0	0.0	27.2	26.7
5588	1580.0	-1080.0	4.0	0.0	27.1	26.6
5589	1600.0	-1080.0	4.0	0.0	27.1	26.5
5590	1620.0	-1080.0	4.0	0.0	27.0	26.4
5591	1640.0	-1080.0	4.0	0.0	26.9	26.3
5592	1660.0	-1080.0	4.0	0.0	26.8	26.2
5593	1680.0	-1080.0	4.0	0.0	26.6	26.0
5594	1700.0	-1080.0	4.0	0.0	26.4	25.8
5595	1720.0	-1080.0	4.0	0.0	26.2	25.6
5596	1740.0	-1080.0	4.0	0.0	26.1	25.4
5597	1760.0	-1080.0	4.0	0.0	25.9	25.2
5598	1780.0	-1080.0	4.0	0.0	26.0	25.3
5599	1800.0	-1080.0	4.0	0.0	25.9	25.1
5600	1820.0	-1080.0	4.0	0.0	25.5	24.6
5601	1840.0	-1080.0	4.0	0.0	25.2	24.2
5602	1860.0	-1080.0	4.0	0.0	25.0	23.9
5603	1880.0	-1080.0	4.0	0.0	25.0	23.7
5604	1900.0	-1080.0	4.0	0.0	24.8	23.6
5605	1920.0	-1080.0	4.0	0.0	24.7	23.4
5606	1940.0	-1080.0	4.0	0.0	24.7	23.2
5607	1960.0	-1080.0	4.0	0.0	24.5	23.0
5608	1980.0	-1080.0	4.0	0.0	24.4	22.9
5609	2000.0	-1080.0	4.0	0.0	24.3	22.8
5610	2020.0	-1080.0	4.0	0.0	24.3	22.8
5611	0.0	-1100.0	4.0	0.0	37.3	35.8
5612	20.0	-1100.0	4.0	0.0	37.6	36.1
5613	40.0	-1100.0	4.0	0.0	37.9	36.5
5614	60.0	-1100.0	4.0	0.0	38.2	36.8
5615	80.0	-1100.0	4.0	0.0	38.4	37.0
5616	100.0	-1100.0	4.0	0.0	38.5	37.1
5617	120.0	-1100.0	4.0	0.0	38.6	37.2
5618	140.0	-1100.0	4.0	0.0	38.6	37.1
5619	160.0	-1100.0	4.0	0.0	38.8	37.3
5620	180.0	-1100.0	4.0	0.0	39.0	37.5
5621	200.0	-1100.0	4.0	0.0	39.2	37.7
5622	220.0	-1100.0	4.0	0.0	39.4	37.9
5623	240.0	-1100.0	4.0	0.0	39.6	38.1
5624	260.0	-1100.0	4.0	0.0	39.7	38.3
5625	280.0	-1100.0	4.0	0.0	40.0	38.5
5626	300.0	-1100.0	4.0	0.0	40.2	38.7
5627	320.0	-1100.0	4.0	0.0	40.4	39.0
5628	340.0	-1100.0	4.0	0.0	40.7	39.4
5629	360.0	-1100.0	4.0	0.0	41.0	39.8
5630	380.0	-1100.0	4.0	0.0	41.2	40.0
5631	400.0	-1100.0	4.0	0.0	41.3	40.2
5632	420.0	-1100.0	4.0	0.0	41.5	40.4
5633	440.0	-1100.0	4.0	0.0	41.5	40.4
5634	460.0	-1100.0	4.0	0.0	41.4	40.5
5635	480.0	-1100.0	4.0	0.0	41.4	40.5
5636	500.0	-1100.0	4.0	0.0	41.0	40.0
5637	520.0	-1100.0	4.0	0.0	40.8	39.7
5638	540.0	-1100.0	4.0	0.0	40.7	39.6
5639	560.0	-1100.0	4.0	0.0	40.5	39.4
5640	580.0	-1100.0	4.0	0.0	40.7	39.5
5641	600.0	-1100.0	4.0	0.0	40.9	39.8
5642	620.0	-1100.0	4.0	0.0	40.7	39.6
5643	640.0	-1100.0	4.0	0.0	40.3	39.1
5644	660.0	-1100.0	4.0	0.0	40.3	39.1
5645	680.0	-1100.0	4.0	0.0	40.1	38.9
5646	700.0	-1100.0	4.0	0.0	38.8	38.1
5647	720.0	-1100.0	4.0	0.0	38.9	38.6
5674	1260.0	-1100.0	4.0	0.0	37.8	37.6
5675	1280.0	-1100.0	4.0	0.0	40.0	39.8
5676	1300.0	-1100.0	4.0	0.0	40.5	40.2
5677	1320.0	-1100.0	4.0	0.0	40.2	39.9
5678	1340.0	-1100.0	4.0	0.0	39.9	39.5
5679	1360.0	-1100.0	4.0	0.0	39.6	39.3
5680	1380.0	-1100.0	4.0	0.0	39.4	39.0
5681	1400.0	-1100.0	4.0	0.0	39.2	38.8
5682	1420.0	-1100.0	4.0	0.0	39.0	38.6

5683	1440.0	-1100.0	4.0	0.0	36.5	36.1
5684	1460.0	-1100.0	4.0	0.0	28.0	27.5
5685	1480.0	-1100.0	4.0	0.0	27.8	27.4
5686	1500.0	-1100.0	4.0	0.0	27.7	27.2
5687	1520.0	-1100.0	4.0	0.0	27.6	27.1
5688	1540.0	-1100.0	4.0	0.0	27.7	27.2
5689	1560.0	-1100.0	4.0	0.0	27.0	26.5
5690	1580.0	-1100.0	4.0	0.0	27.0	26.5
5691	1600.0	-1100.0	4.0	0.0	26.9	26.4
5692	1620.0	-1100.0	4.0	0.0	26.8	26.3
5693	1640.0	-1100.0	4.0	0.0	26.8	26.2
5694	1660.0	-1100.0	4.0	0.0	26.6	26.0
5695	1680.0	-1100.0	4.0	0.0	26.5	25.8
5696	1700.0	-1100.0	4.0	0.0	26.3	25.6
5697	1720.0	-1100.0	4.0	0.0	26.1	25.4
5698	1740.0	-1100.0	4.0	0.0	26.0	25.3
5699	1760.0	-1100.0	4.0	0.0	25.8	25.1
5700	1780.0	-1100.0	4.0	0.0	25.7	24.9
5701	1800.0	-1100.0	4.0	0.0	25.5	24.7
5702	1820.0	-1100.0	4.0	0.0	25.2	24.4
5703	1840.0	-1100.0	4.0	0.0	24.7	23.7
5704	1860.0	-1100.0	4.0	0.0	24.8	23.7
5705	1880.0	-1100.0	4.0	0.0	24.7	23.6
5706	1900.0	-1100.0	4.0	0.0	24.6	23.4
5707	1920.0	-1100.0	4.0	0.0	24.5	23.3
5708	1940.0	-1100.0	4.0	0.0	24.5	23.1
5709	1960.0	-1100.0	4.0	0.0	24.3	23.0
5710	1980.0	-1100.0	4.0	0.0	24.2	22.8
5711	2000.0	-1100.0	4.0	0.0	24.1	22.6
5712	2020.0	-1100.0	4.0	0.0	24.0	22.5
5713	0.0	-1120.0	4.0	0.0	37.3	35.9
5714	20.0	-1120.0	4.0	0.0	37.6	36.1
5715	40.0	-1120.0	4.0	0.0	37.9	36.5
5716	60.0	-1120.0	4.0	0.0	38.1	36.8
5717	80.0	-1120.0	4.0	0.0	38.2	36.8
5718	100.0	-1120.0	4.0	0.0	38.2	36.8
5719	120.0	-1120.0	4.0	0.0	38.3	36.8
5720	140.0	-1120.0	4.0	0.0	38.5	37.0
5721	160.0	-1120.0	4.0	0.0	38.7	37.2
5722	180.0	-1120.0	4.0	0.0	38.8	37.4
5723	200.0	-1120.0	4.0	0.0	39.0	37.6
5724	220.0	-1120.0	4.0	0.0	39.2	37.7
5725	240.0	-1120.0	4.0	0.0	39.3	37.9
5726	260.0	-1120.0	4.0	0.0	39.6	38.2
5727	280.0	-1120.0	4.0	0.0	39.8	38.4
5728	300.0	-1120.0	4.0	0.0	40.1	38.7
5729	320.0	-1120.0	4.0	0.0	40.4	39.1
5730	340.0	-1120.0	4.0	0.0	40.8	39.5
5731	360.0	-1120.0	4.0	0.0	40.9	39.7
5732	380.0	-1120.0	4.0	0.0	41.0	39.9
5733	400.0	-1120.0	4.0	0.0	41.1	40.0
5734	420.0	-1120.0	4.0	0.0	41.3	40.2
5735	440.0	-1120.0	4.0	0.0	41.4	40.3
5736	460.0	-1120.0	4.0	0.0	41.3	40.2
5737	480.0	-1120.0	4.0	0.0	40.7	39.7
5738	500.0	-1120.0	4.0	0.0	40.6	39.6
5739	520.0	-1120.0	4.0	0.0	40.4	39.3
5740	540.0	-1120.0	4.0	0.0	40.3	39.2
5741	560.0	-1120.0	4.0	0.0	40.3	39.2
5742	580.0	-1120.0	4.0	0.0	40.6	39.4
5743	600.0	-1120.0	4.0	0.0	40.4	39.3
5744	620.0	-1120.0	4.0	0.0	40.2	38.9
5745	640.0	-1120.0	4.0	0.0	40.2	39.1
5746	660.0	-1120.0	4.0	0.0	40.5	39.4
5747	680.0	-1120.0	4.0	0.0	40.1	39.0
5776	1260.0	-1120.0	4.0	0.0	35.4	35.3
5777	1280.0	-1120.0	4.0	0.0	38.4	38.2
5778	1300.0	-1120.0	4.0	0.0	39.6	39.5
5779	1320.0	-1120.0	4.0	0.0	40.0	39.8
5780	1340.0	-1120.0	4.0	0.0	39.8	39.5
5781	1360.0	-1120.0	4.0	0.0	39.5	39.1
5782	1380.0	-1120.0	4.0	0.0	36.5	36.2
5783	1400.0	-1120.0	4.0	0.0	29.0	28.6
5784	1420.0	-1120.0	4.0	0.0	28.2	27.7

5785	1440.0	-1120.0	4.0	0.0	28.0	27.5
5786	1460.0	-1120.0	4.0	0.0	27.9	27.4
5787	1480.0	-1120.0	4.0	0.0	27.7	27.2
5788	1500.0	-1120.0	4.0	0.0	27.5	27.1
5789	1520.0	-1120.0	4.0	0.0	27.5	27.0
5790	1540.0	-1120.0	4.0	0.0	27.6	27.1
5791	1560.0	-1120.0	4.0	0.0	26.9	26.3
5792	1580.0	-1120.0	4.0	0.0	26.9	26.4
5793	1600.0	-1120.0	4.0	0.0	26.7	26.2
5794	1620.0	-1120.0	4.0	0.0	26.8	26.3
5795	1640.0	-1120.0	4.0	0.0	26.6	26.1
5796	1660.0	-1120.0	4.0	0.0	26.5	25.9
5797	1680.0	-1120.0	4.0	0.0	26.3	25.7
5798	1700.0	-1120.0	4.0	0.0	26.2	25.5
5799	1720.0	-1120.0	4.0	0.0	26.0	25.3
5800	1740.0	-1120.0	4.0	0.0	25.9	25.1
5801	1760.0	-1120.0	4.0	0.0	25.7	25.0
5802	1780.0	-1120.0	4.0	0.0	25.5	24.8
5803	1800.0	-1120.0	4.0	0.0	25.2	24.5
5804	1820.0	-1120.0	4.0	0.0	24.9	24.0
5805	1840.0	-1120.0	4.0	0.0	24.4	23.4
5806	1860.0	-1120.0	4.0	0.0	24.4	23.4
5807	1880.0	-1120.0	4.0	0.0	24.4	23.3
5808	1900.0	-1120.0	4.0	0.0	24.4	23.3
5809	1920.0	-1120.0	4.0	0.0	24.3	23.1
5810	1940.0	-1120.0	4.0	0.0	24.2	23.0
5811	1960.0	-1120.0	4.0	0.0	24.1	22.9
5812	1980.0	-1120.0	4.0	0.0	24.0	22.7
5813	2000.0	-1120.0	4.0	0.0	23.9	22.5
5814	2020.0	-1120.0	4.0	0.0	23.8	22.4
5815	0.0	-1140.0	4.0	0.0	37.3	35.9
5816	20.0	-1140.0	4.0	0.0	37.5	36.1
5817	40.0	-1140.0	4.0	0.0	37.7	36.3
5818	60.0	-1140.0	4.0	0.0	37.8	36.5
5819	80.0	-1140.0	4.0	0.0	37.9	36.4
5820	100.0	-1140.0	4.0	0.0	38.0	36.6
5821	120.0	-1140.0	4.0	0.0	38.2	36.7
5822	140.0	-1140.0	4.0	0.0	38.3	36.9
5823	160.0	-1140.0	4.0	0.0	38.6	37.1
5824	180.0	-1140.0	4.0	0.0	38.7	37.3
5825	200.0	-1140.0	4.0	0.0	38.8	37.4
5826	220.0	-1140.0	4.0	0.0	39.0	37.6
5827	240.0	-1140.0	4.0	0.0	39.2	37.8
5828	260.0	-1140.0	4.0	0.0	39.5	38.1
5829	280.0	-1140.0	4.0	0.0	39.7	38.3
5830	300.0	-1140.0	4.0	0.0	40.1	38.8
5831	320.0	-1140.0	4.0	0.0	40.4	39.2
5832	340.0	-1140.0	4.0	0.0	40.6	39.4
5833	360.0	-1140.0	4.0	0.0	40.7	39.6
5834	380.0	-1140.0	4.0	0.0	40.8	39.7
5835	400.0	-1140.0	4.0	0.0	41.0	39.8
5836	420.0	-1140.0	4.0	0.0	41.1	40.0
5837	440.0	-1140.0	4.0	0.0	41.2	40.1
5838	460.0	-1140.0	4.0	0.0	40.7	39.5
5839	480.0	-1140.0	4.0	0.0	40.3	39.3
5840	500.0	-1140.0	4.0	0.0	40.1	39.1
5841	520.0	-1140.0	4.0	0.0	40.0	38.9
5842	540.0	-1140.0	4.0	0.0	40.1	39.0
5843	560.0	-1140.0	4.0	0.0	40.1	39.1
5844	580.0	-1140.0	4.0	0.0	40.2	39.0
5845	600.0	-1140.0	4.0	0.0	39.9	38.6
5846	620.0	-1140.0	4.0	0.0	40.0	38.7
5847	640.0	-1140.0	4.0	0.0	40.1	38.9
5848	660.0	-1140.0	4.0	0.0	40.4	39.4
5849	680.0	-1140.0	4.0	0.0	37.0	34.9
5873	1160.0	-1140.0	4.0	0.0	25.0	23.4
5874	1180.0	-1140.0	4.0	0.0	25.3	23.8
5875	1200.0	-1140.0	4.0	0.0	25.2	23.7
5876	1220.0	-1140.0	4.0	0.0	25.0	23.5
5877	1240.0	-1140.0	4.0	0.0	24.9	23.4
5878	1260.0	-1140.0	4.0	0.0	30.1	29.7
5879	1280.0	-1140.0	4.0	0.0	36.5	36.2
5880	1300.0	-1140.0	4.0	0.0	39.1	38.9
5881	1320.0	-1140.0	4.0	0.0	35.9	35.7



5882	1340.0	-1140.0	4.0	0.0	29.1	28.8
5883	1360.0	-1140.0	4.0	0.0	28.7	28.3
5884	1380.0	-1140.0	4.0	0.0	28.5	28.0
5885	1400.0	-1140.0	4.0	0.0	28.2	27.8
5886	1420.0	-1140.0	4.0	0.0	28.0	27.5
5887	1440.0	-1140.0	4.0	0.0	27.9	27.4
5888	1460.0	-1140.0	4.0	0.0	27.7	27.2
5889	1480.0	-1140.0	4.0	0.0	27.5	27.0
5890	1500.0	-1140.0	4.0	0.0	27.4	26.9
5891	1520.0	-1140.0	4.0	0.0	27.4	26.9
5892	1540.0	-1140.0	4.0	0.0	27.5	27.0
5893	1560.0	-1140.0	4.0	0.0	26.7	26.2
5894	1580.0	-1140.0	4.0	0.0	27.8	27.1
5895	1600.0	-1140.0	4.0	0.0	26.9	26.2
5896	1620.0	-1140.0	4.0	0.0	26.7	26.1
5897	1640.0	-1140.0	4.0	0.0	26.5	25.9
5898	1660.0	-1140.0	4.0	0.0	26.3	25.7
5899	1680.0	-1140.0	4.0	0.0	26.1	25.6
5900	1700.0	-1140.0	4.0	0.0	26.1	25.4
5901	1720.0	-1140.0	4.0	0.0	25.9	25.2
5902	1740.0	-1140.0	4.0	0.0	25.8	25.0
5903	1760.0	-1140.0	4.0	0.0	25.6	24.8
5904	1780.0	-1140.0	4.0	0.0	25.4	24.7
5905	1800.0	-1140.0	4.0	0.0	25.0	24.1
5906	1820.0	-1140.0	4.0	0.0	24.8	23.9
5907	1840.0	-1140.0	4.0	0.0	24.2	23.3
5908	1860.0	-1140.0	4.0	0.0	24.2	23.1
5909	1880.0	-1140.0	4.0	0.0	24.2	23.1
5910	1900.0	-1140.0	4.0	0.0	24.1	23.0
5911	1920.0	-1140.0	4.0	0.0	24.0	22.8
5912	1940.0	-1140.0	4.0	0.0	24.0	22.8
5913	1960.0	-1140.0	4.0	0.0	23.9	22.7
5914	1980.0	-1140.0	4.0	0.0	23.8	22.6
5915	2000.0	-1140.0	4.0	0.0	23.8	22.5
5916	2020.0	-1140.0	4.0	0.0	23.6	22.3
5917	0.0	-1160.0	4.0	0.0	37.1	35.7
5918	20.0	-1160.0	4.0	0.0	37.2	35.8
5919	40.0	-1160.0	4.0	0.0	37.4	36.0
5920	60.0	-1160.0	4.0	0.0	37.6	36.2
5921	80.0	-1160.0	4.0	0.0	37.7	36.4
5922	100.0	-1160.0	4.0	0.0	37.9	36.5
5923	120.0	-1160.0	4.0	0.0	38.1	36.7
5924	140.0	-1160.0	4.0	0.0	38.2	36.8
5925	160.0	-1160.0	4.0	0.0	38.3	36.9
5926	180.0	-1160.0	4.0	0.0	38.5	37.1
5927	200.0	-1160.0	4.0	0.0	38.7	37.3
5928	220.0	-1160.0	4.0	0.0	38.9	37.5
5929	240.0	-1160.0	4.0	0.0	39.1	37.7
5930	260.0	-1160.0	4.0	0.0	39.4	38.0
5931	280.0	-1160.0	4.0	0.0	39.8	38.5
5932	300.0	-1160.0	4.0	0.0	40.1	38.9
5933	320.0	-1160.0	4.0	0.0	40.3	39.1
5934	340.0	-1160.0	4.0	0.0	40.4	39.2
5935	360.0	-1160.0	4.0	0.0	40.5	39.4
5936	380.0	-1160.0	4.0	0.0	40.7	39.5
5937	400.0	-1160.0	4.0	0.0	40.8	39.7
5938	420.0	-1160.0	4.0	0.0	40.9	39.8
5939	440.0	-1160.0	4.0	0.0	40.5	39.3
5940	460.0	-1160.0	4.0	0.0	40.4	39.1
5941	480.0	-1160.0	4.0	0.0	40.3	39.0
5942	500.0	-1160.0	4.0	0.0	39.9	38.9
5943	520.0	-1160.0	4.0	0.0	39.7	38.7
5944	540.0	-1160.0	4.0	0.0	40.0	39.0
5945	560.0	-1160.0	4.0	0.0	39.7	38.6
5946	580.0	-1160.0	4.0	0.0	39.6	38.3
5947	600.0	-1160.0	4.0	0.0	39.6	38.4
5948	620.0	-1160.0	4.0	0.0	39.8	38.5
5949	640.0	-1160.0	4.0	0.0	39.9	38.8
5950	660.0	-1160.0	4.0	0.0	39.5	38.4
5951	680.0	-1160.0	4.0	0.0	36.4	34.2
5972	1100.0	-1160.0	4.0	0.0	24.3	22.5
5973	1120.0	-1160.0	4.0	0.0	24.3	22.4
5974	1140.0	-1160.0	4.0	0.0	24.5	22.7
5975	1160.0	-1160.0	4.0	0.0	24.6	22.7

5976	1180.0	-1160.0	4.0	0.0	25.3	23.8
5977	1200.0	-1160.0	4.0	0.0	25.7	24.2
5978	1220.0	-1160.0	4.0	0.0	25.9	24.5
5979	1240.0	-1160.0	4.0	0.0	25.6	24.2
5980	1260.0	-1160.0	4.0	0.0	23.7	22.8
5981	1280.0	-1160.0	4.0	0.0	24.8	24.6
5982	1300.0	-1160.0	4.0	0.0	27.3	27.0
5983	1320.0	-1160.0	4.0	0.0	28.6	28.3
5984	1340.0	-1160.0	4.0	0.0	28.7	28.5
5985	1360.0	-1160.0	4.0	0.0	28.6	28.3
5986	1380.0	-1160.0	4.0	0.0	28.3	27.9
5987	1400.0	-1160.0	4.0	0.0	28.1	27.6
5988	1420.0	-1160.0	4.0	0.0	27.9	27.4
5989	1440.0	-1160.0	4.0	0.0	27.7	27.2
5990	1460.0	-1160.0	4.0	0.0	27.5	27.0
5991	1480.0	-1160.0	4.0	0.0	27.4	26.8
5992	1500.0	-1160.0	4.0	0.0	27.3	26.7
5993	1520.0	-1160.0	4.0	0.0	27.3	26.8
5994	1540.0	-1160.0	4.0	0.0	27.4	26.9
5995	1560.0	-1160.0	4.0	0.0	26.5	26.0
5996	1580.0	-1160.0	4.0	0.0	27.8	27.2
5997	1600.0	-1160.0	4.0	0.0	27.5	26.8
5998	1620.0	-1160.0	4.0	0.0	27.2	26.5
5999	1640.0	-1160.0	4.0	0.0	26.6	25.9
6000	1660.0	-1160.0	4.0	0.0	26.2	25.6
6001	1680.0	-1160.0	4.0	0.0	26.0	25.4
6002	1700.0	-1160.0	4.0	0.0	25.8	25.2
6003	1720.0	-1160.0	4.0	0.0	25.8	25.1
6004	1740.0	-1160.0	4.0	0.0	25.6	24.9
6005	1760.0	-1160.0	4.0	0.0	25.5	24.7
6006	1780.0	-1160.0	4.0	0.0	25.3	24.5
6007	1800.0	-1160.0	4.0	0.0	24.8	24.0
6008	1820.0	-1160.0	4.0	0.0	24.7	23.8
6009	1840.0	-1160.0	4.0	0.0	24.2	23.2
6010	1860.0	-1160.0	4.0	0.0	24.1	23.0
6011	1880.0	-1160.0	4.0	0.0	23.8	22.8
6012	1900.0	-1160.0	4.0	0.0	23.8	22.7
6013	1920.0	-1160.0	4.0	0.0	23.8	22.7
6014	1940.0	-1160.0	4.0	0.0	23.7	22.6
6015	1960.0	-1160.0	4.0	0.0	23.6	22.4
6016	1980.0	-1160.0	4.0	0.0	23.6	22.3
6017	2000.0	-1160.0	4.0	0.0	23.6	22.3
6018	2020.0	-1160.0	4.0	0.0	23.5	22.2
6019	0.0	-1180.0	4.0	0.0	36.9	35.5
6020	20.0	-1180.0	4.0	0.0	37.1	35.7
6021	40.0	-1180.0	4.0	0.0	37.3	35.9
6022	60.0	-1180.0	4.0	0.0	37.5	36.1
6023	80.0	-1180.0	4.0	0.0	37.7	36.3
6024	100.0	-1180.0	4.0	0.0	37.7	36.4
6025	120.0	-1180.0	4.0	0.0	37.9	36.5
6026	140.0	-1180.0	4.0	0.0	38.0	36.7
6027	160.0	-1180.0	4.0	0.0	38.2	36.8
6028	180.0	-1180.0	4.0	0.0	38.4	37.0
6029	200.0	-1180.0	4.0	0.0	38.6	37.2
6030	220.0	-1180.0	4.0	0.0	38.8	37.5
6031	240.0	-1180.0	4.0	0.0	39.2	37.8
6032	260.0	-1180.0	4.0	0.0	39.5	38.2
6033	280.0	-1180.0	4.0	0.0	39.8	38.6
6034	300.0	-1180.0	4.0	0.0	40.0	38.7
6035	320.0	-1180.0	4.0	0.0	40.1	38.9
6036	340.0	-1180.0	4.0	0.0	40.2	39.1
6037	360.0	-1180.0	4.0	0.0	40.3	39.2
6038	380.0	-1180.0	4.0	0.0	40.5	39.4
6039	400.0	-1180.0	4.0	0.0	40.6	39.5
6040	420.0	-1180.0	4.0	0.0	40.2	39.0
6041	440.0	-1180.0	4.0	0.0	40.1	38.8
6042	460.0	-1180.0	4.0	0.0	40.1	38.8
6043	480.0	-1180.0	4.0	0.0	40.1	38.7
6044	500.0	-1180.0	4.0	0.0	40.1	38.8
6045	520.0	-1180.0	4.0	0.0	39.6	38.6
6046	540.0	-1180.0	4.0	0.0	39.3	38.2
6047	560.0	-1180.0	4.0	0.0	39.2	38.0
6048	580.0	-1180.0	4.0	0.0	39.3	38.0
6049	600.0	-1180.0	4.0	0.0	39.4	38.1

6050	620.0	-1180.0	4.0	0.0	39.5	38.3
6051	640.0	-1180.0	4.0	0.0	39.3	38.0
6052	660.0	-1180.0	4.0	0.0	38.0	36.4
6053	680.0	-1180.0	4.0	0.0	35.0	31.8
6054	700.0	-1180.0	4.0	0.0	24.9	22.0
6073	1080.0	-1180.0	4.0	0.0	24.6	22.8
6074	1100.0	-1180.0	4.0	0.0	25.7	24.3
6075	1120.0	-1180.0	4.0	0.0	25.4	23.6
6076	1140.0	-1180.0	4.0	0.0	25.7	23.9
6077	1160.0	-1180.0	4.0	0.0	26.0	24.2
6078	1180.0	-1180.0	4.0	0.0	26.6	25.0
6079	1200.0	-1180.0	4.0	0.0	21.3	20.0
6080	1220.0	-1180.0	4.0	0.0	17.5	16.2
6081	1240.0	-1180.0	4.0	0.0	17.8	16.5
6082	1260.0	-1180.0	4.0	0.0	18.4	17.1
6083	1280.0	-1180.0	4.0	0.0	23.8	23.4
6084	1300.0	-1180.0	4.0	0.0	25.5	25.2
6085	1320.0	-1180.0	4.0	0.0	27.1	26.8
6086	1340.0	-1180.0	4.0	0.0	28.1	27.8
6087	1360.0	-1180.0	4.0	0.0	28.5	28.2
6088	1380.0	-1180.0	4.0	0.0	28.2	27.9
6089	1400.0	-1180.0	4.0	0.0	27.9	27.5
6090	1420.0	-1180.0	4.0	0.0	27.7	27.2
6091	1440.0	-1180.0	4.0	0.0	27.5	27.0
6092	1460.0	-1180.0	4.0	0.0	27.4	26.8
6093	1480.0	-1180.0	4.0	0.0	27.2	26.7
6094	1500.0	-1180.0	4.0	0.0	27.1	26.6
6095	1520.0	-1180.0	4.0	0.0	27.2	26.6
6096	1540.0	-1180.0	4.0	0.0	27.0	26.5
6097	1560.0	-1180.0	4.0	0.0	27.9	27.2
6098	1580.0	-1180.0	4.0	0.0	27.9	27.2
6099	1600.0	-1180.0	4.0	0.0	27.5	26.8
6100	1620.0	-1180.0	4.0	0.0	27.6	26.9
6101	1640.0	-1180.0	4.0	0.0	27.1	26.4
6102	1660.0	-1180.0	4.0	0.0	26.5	25.7
6103	1680.0	-1180.0	4.0	0.0	26.1	25.3
6104	1700.0	-1180.0	4.0	0.0	25.8	25.1
6105	1720.0	-1180.0	4.0	0.0	25.6	24.9
6106	1740.0	-1180.0	4.0	0.0	25.4	24.8
6107	1760.0	-1180.0	4.0	0.0	25.4	24.6
6108	1780.0	-1180.0	4.0	0.0	25.2	24.4
6109	1800.0	-1180.0	4.0	0.0	24.7	23.8
6110	1820.0	-1180.0	4.0	0.0	24.4	23.4
6111	1840.0	-1180.0	4.0	0.0	24.1	23.1
6112	1860.0	-1180.0	4.0	0.0	24.0	22.9
6113	1880.0	-1180.0	4.0	0.0	23.8	22.7
6114	1900.0	-1180.0	4.0	0.0	23.7	22.6
6115	1920.0	-1180.0	4.0	0.0	23.4	22.4
6116	1940.0	-1180.0	4.0	0.0	23.4	22.2
6117	1960.0	-1180.0	4.0	0.0	23.4	22.3
6118	1980.0	-1180.0	4.0	0.0	23.3	22.2
6119	2000.0	-1180.0	4.0	0.0	23.3	22.0
6120	2020.0	-1180.0	4.0	0.0	23.2	21.9
6121	0.0	-1200.0	4.0	0.0	36.7	35.3
6122	20.0	-1200.0	4.0	0.0	37.0	35.7
6123	40.0	-1200.0	4.0	0.0	37.2	35.8
6124	60.0	-1200.0	4.0	0.0	37.3	36.0
6125	80.0	-1200.0	4.0	0.0	37.4	36.1
6126	100.0	-1200.0	4.0	0.0	37.6	36.2
6127	120.0	-1200.0	4.0	0.0	37.7	36.4
6128	140.0	-1200.0	4.0	0.0	37.9	36.6
6129	160.0	-1200.0	4.0	0.0	38.1	36.8
6130	180.0	-1200.0	4.0	0.0	38.3	37.0
6131	200.0	-1200.0	4.0	0.0	38.5	37.2
6132	220.0	-1200.0	4.0	0.0	38.8	37.5
6133	240.0	-1200.0	4.0	0.0	39.2	37.9
6134	260.0	-1200.0	4.0	0.0	39.5	38.3
6135	280.0	-1200.0	4.0	0.0	39.7	38.4
6136	300.0	-1200.0	4.0	0.0	39.8	38.6
6137	320.0	-1200.0	4.0	0.0	40.0	38.7
6138	340.0	-1200.0	4.0	0.0	40.0	38.9
6139	360.0	-1200.0	4.0	0.0	40.2	39.0
6140	380.0	-1200.0	4.0	0.0	40.3	39.1
6141	400.0	-1200.0	4.0	0.0	40.0	38.7

6142	420.0	-1200.0	4.0	0.0	39.9	38.6
6147	520.0	-1200.0	4.0	0.0	39.8	38.4
6148	540.0	-1200.0	4.0	0.0	38.9	37.8
6149	560.0	-1200.0	4.0	0.0	38.9	37.7
6150	580.0	-1200.0	4.0	0.0	39.1	37.8
6151	600.0	-1200.0	4.0	0.0	39.2	37.9
6152	620.0	-1200.0	4.0	0.0	39.4	38.2
6153	640.0	-1200.0	4.0	0.0	39.1	37.9
6154	660.0	-1200.0	4.0	0.0	37.2	35.5
6155	680.0	-1200.0	4.0	0.0	34.3	30.5
6156	700.0	-1200.0	4.0	0.0	25.7	22.2
6171	1000.0	-1200.0	4.0	0.0	24.1	22.3
6172	1020.0	-1200.0	4.0	0.0	24.1	22.3
6173	1040.0	-1200.0	4.0	0.0	24.0	22.3
6174	1060.0	-1200.0	4.0	0.0	24.1	22.3
6175	1080.0	-1200.0	4.0	0.0	24.7	23.1
6176	1100.0	-1200.0	4.0	0.0	28.1	27.1
6177	1120.0	-1200.0	4.0	0.0	26.9	25.3
6178	1140.0	-1200.0	4.0	0.0	27.4	25.7
6179	1160.0	-1200.0	4.0	0.0	27.7	26.0
6180	1180.0	-1200.0	4.0	0.0	28.1	26.6
6181	1200.0	-1200.0	4.0	0.0	18.9	17.5
6182	1220.0	-1200.0	4.0	0.0	19.3	18.0
6183	1240.0	-1200.0	4.0	0.0	19.7	18.4
6184	1260.0	-1200.0	4.0	0.0	20.1	18.8
6185	1280.0	-1200.0	4.0	0.0	22.0	21.2
6186	1300.0	-1200.0	4.0	0.0	25.0	24.6
6187	1320.0	-1200.0	4.0	0.0	26.9	26.6
6188	1340.0	-1200.0	4.0	0.0	27.8	27.5
6189	1360.0	-1200.0	4.0	0.0	28.0	27.7
6190	1380.0	-1200.0	4.0	0.0	28.0	27.7
6191	1400.0	-1200.0	4.0	0.0	27.8	27.4
6192	1420.0	-1200.0	4.0	0.0	27.6	27.1
6193	1440.0	-1200.0	4.0	0.0	27.4	26.8
6194	1460.0	-1200.0	4.0	0.0	27.2	26.6
6195	1480.0	-1200.0	4.0	0.0	27.1	26.5
6196	1500.0	-1200.0	4.0	0.0	27.0	26.4
6197	1520.0	-1200.0	4.0	0.0	27.1	26.5
6198	1540.0	-1200.0	4.0	0.0	26.7	26.1
6199	1560.0	-1200.0	4.0	0.0	27.8	27.2
6200	1580.0	-1200.0	4.0	0.0	27.9	27.2
6201	1600.0	-1200.0	4.0	0.0	27.7	27.0
6202	1620.0	-1200.0	4.0	0.0	27.5	26.9
6203	1640.0	-1200.0	4.0	0.0	27.3	26.6
6204	1660.0	-1200.0	4.0	0.0	27.0	26.3
6205	1680.0	-1200.0	4.0	0.0	26.3	25.5
6206	1700.0	-1200.0	4.0	0.0	26.0	25.1
6207	1720.0	-1200.0	4.0	0.0	25.6	24.8
6208	1740.0	-1200.0	4.0	0.0	25.4	24.6
6209	1760.0	-1200.0	4.0	0.0	25.2	24.5
6210	1780.0	-1200.0	4.0	0.0	25.0	24.3
6211	1800.0	-1200.0	4.0	0.0	24.6	23.7
6212	1820.0	-1200.0	4.0	0.0	24.3	23.3
6213	1840.0	-1200.0	4.0	0.0	24.0	22.9
6214	1860.0	-1200.0	4.0	0.0	23.9	22.8
6215	1880.0	-1200.0	4.0	0.0	23.7	22.6
6216	1900.0	-1200.0	4.0	0.0	23.6	22.5
6217	1920.0	-1200.0	4.0	0.0	23.5	22.3
6218	1940.0	-1200.0	4.0	0.0	23.3	22.1
6219	1960.0	-1200.0	4.0	0.0	23.0	22.0
6220	1980.0	-1200.0	4.0	0.0	23.1	21.9
6221	2000.0	-1200.0	4.0	0.0	23.1	21.9
6222	2020.0	-1200.0	4.0	0.0	23.0	21.8
6223	0.0	-1220.0	4.0	0.0	36.6	35.1
6224	20.0	-1220.0	4.0	0.0	36.9	35.6
6225	40.0	-1220.0	4.0	0.0	37.0	35.7
6226	60.0	-1220.0	4.0	0.0	37.2	35.8
6227	80.0	-1220.0	4.0	0.0	37.3	36.0
6228	100.0	-1220.0	4.0	0.0	37.5	36.1
6229	120.0	-1220.0	4.0	0.0	37.6	36.3
6230	140.0	-1220.0	4.0	0.0	37.8	36.5
6231	160.0	-1220.0	4.0	0.0	38.0	36.7
6232	180.0	-1220.0	4.0	0.0	38.2	36.9
6233	200.0	-1220.0	4.0	0.0	38.5	37.3

6234	220.0	-1220.0	4.0	0.0	38.9	37.7
6235	240.0	-1220.0	4.0	0.0	39.3	38.0
6236	260.0	-1220.0	4.0	0.0	39.4	38.2
6237	280.0	-1220.0	4.0	0.0	39.5	38.3
6238	300.0	-1220.0	4.0	0.0	39.7	38.4
6239	320.0	-1220.0	4.0	0.0	39.8	38.6
6250	540.0	-1220.0	4.0	0.0	39.2	37.6
6251	560.0	-1220.0	4.0	0.0	38.6	37.4
6252	580.0	-1220.0	4.0	0.0	38.7	37.5
6253	600.0	-1220.0	4.0	0.0	38.9	37.6
6254	620.0	-1220.0	4.0	0.0	38.5	37.1
6255	640.0	-1220.0	4.0	0.0	38.0	36.4
6256	660.0	-1220.0	4.0	0.0	36.9	35.1
6257	680.0	-1220.0	4.0	0.0	33.9	29.9
6258	700.0	-1220.0	4.0	0.0	26.6	22.5
6268	900.0	-1220.0	4.0	0.0	23.7	22.0
6269	920.0	-1220.0	4.0	0.0	23.7	22.0
6270	940.0	-1220.0	4.0	0.0	23.7	22.0
6271	960.0	-1220.0	4.0	0.0	23.7	22.0
6272	980.0	-1220.0	4.0	0.0	23.8	22.0
6273	1000.0	-1220.0	4.0	0.0	24.0	22.3
6274	1020.0	-1220.0	4.0	0.0	24.3	22.7
6275	1040.0	-1220.0	4.0	0.0	24.7	23.0
6276	1060.0	-1220.0	4.0	0.0	25.1	23.4
6277	1080.0	-1220.0	4.0	0.0	22.6	21.0
6278	1100.0	-1220.0	4.0	0.0	20.9	20.4
6279	1120.0	-1220.0	4.0	0.0	18.7	17.4
6280	1140.0	-1220.0	4.0	0.0	28.7	27.3
6281	1160.0	-1220.0	4.0	0.0	29.5	28.0
6282	1180.0	-1220.0	4.0	0.0	29.8	28.4
6283	1200.0	-1220.0	4.0	0.0	29.9	28.6
6284	1220.0	-1220.0	4.0	0.0	20.9	19.8
6285	1240.0	-1220.0	4.0	0.0	21.3	20.2
6286	1260.0	-1220.0	4.0	0.0	21.7	20.6
6287	1280.0	-1220.0	4.0	0.0	22.6	21.6
6288	1300.0	-1220.0	4.0	0.0	26.0	25.5
6289	1320.0	-1220.0	4.0	0.0	25.9	25.4
6290	1340.0	-1220.0	4.0	0.0	26.9	26.4
6291	1360.0	-1220.0	4.0	0.0	27.8	27.4
6292	1380.0	-1220.0	4.0	0.0	27.8	27.5
6293	1400.0	-1220.0	4.0	0.0	27.8	27.4
6294	1420.0	-1220.0	4.0	0.0	27.5	27.0
6295	1440.0	-1220.0	4.0	0.0	27.2	26.7
6296	1460.0	-1220.0	4.0	0.0	27.0	26.5
6297	1480.0	-1220.0	4.0	0.0	26.9	26.4
6298	1500.0	-1220.0	4.0	0.0	26.9	26.3
6299	1520.0	-1220.0	4.0	0.0	26.9	26.4
6300	1540.0	-1220.0	4.0	0.0	26.3	25.7
6301	1560.0	-1220.0	4.0	0.0	27.6	27.1
6302	1580.0	-1220.0	4.0	0.0	27.7	27.1
6303	1600.0	-1220.0	4.0	0.0	27.7	27.0
6304	1620.0	-1220.0	4.0	0.0	27.6	26.9
6305	1640.0	-1220.0	4.0	0.0	27.2	26.6
6306	1660.0	-1220.0	4.0	0.0	27.0	26.3
6307	1680.0	-1220.0	4.0	0.0	26.8	26.0
6308	1700.0	-1220.0	4.0	0.0	26.2	25.3
6309	1720.0	-1220.0	4.0	0.0	25.8	25.0
6310	1740.0	-1220.0	4.0	0.0	25.5	24.6
6311	1760.0	-1220.0	4.0	0.0	25.2	24.3
6312	1780.0	-1220.0	4.0	0.0	25.0	24.2
6313	1800.0	-1220.0	4.0	0.0	24.4	23.6
6314	1820.0	-1220.0	4.0	0.0	24.0	23.0
6315	1840.0	-1220.0	4.0	0.0	23.9	22.8
6316	1860.0	-1220.0	4.0	0.0	23.8	22.7
6317	1880.0	-1220.0	4.0	0.0	23.6	22.5
6318	1900.0	-1220.0	4.0	0.0	23.5	22.3
6319	1920.0	-1220.0	4.0	0.0	23.4	22.2
6320	1940.0	-1220.0	4.0	0.0	23.2	22.0
6321	1960.0	-1220.0	4.0	0.0	23.1	21.9
6322	1980.0	-1220.0	4.0	0.0	23.0	21.7
6323	2000.0	-1220.0	4.0	0.0	22.7	21.6
6324	2020.0	-1220.0	4.0	0.0	22.8	21.6
6325	0.0	-1240.0	4.0	0.0	35.9	34.7
6326	20.0	-1240.0	4.0	0.0	36.6	35.2

6327	40.0	-1240.0	4.0	0.0	36.9	35.6
6328	60.0	-1240.0	4.0	0.0	37.0	35.7
6329	80.0	-1240.0	4.0	0.0	37.2	35.9
6330	100.0	-1240.0	4.0	0.0	37.3	36.0
6331	120.0	-1240.0	4.0	0.0	37.5	36.2
6332	140.0	-1240.0	4.0	0.0	37.7	36.4
6333	160.0	-1240.0	4.0	0.0	37.9	36.7
6334	180.0	-1240.0	4.0	0.0	38.2	37.0
6335	200.0	-1240.0	4.0	0.0	38.6	37.5
6336	220.0	-1240.0	4.0	0.0	39.0	37.8
6337	240.0	-1240.0	4.0	0.0	39.1	37.9
6352	540.0	-1240.0	4.0	0.0	38.9	37.4
6353	560.0	-1240.0	4.0	0.0	38.9	37.4
6354	580.0	-1240.0	4.0	0.0	38.4	37.3
6355	600.0	-1240.0	4.0	0.0	38.5	37.1
6356	620.0	-1240.0	4.0	0.0	38.7	37.5
6357	640.0	-1240.0	4.0	0.0	37.7	36.1
6358	660.0	-1240.0	4.0	0.0	36.2	34.3
6359	680.0	-1240.0	4.0	0.0	33.8	30.0
6360	700.0	-1240.0	4.0	0.0	27.5	23.2
6371	920.0	-1240.0	4.0	0.0	23.8	22.2
6372	940.0	-1240.0	4.0	0.0	24.2	22.6
6373	960.0	-1240.0	4.0	0.0	24.6	23.0
6374	980.0	-1240.0	4.0	0.0	25.0	23.4
6375	1000.0	-1240.0	4.0	0.0	25.4	23.8
6376	1020.0	-1240.0	4.0	0.0	25.8	24.2
6377	1040.0	-1240.0	4.0	0.0	26.1	24.6
6378	1060.0	-1240.0	4.0	0.0	16.6	15.3
6379	1080.0	-1240.0	4.0	0.0	17.3	15.9
6380	1100.0	-1240.0	4.0	0.0	18.4	17.0
6381	1120.0	-1240.0	4.0	0.0	20.2	19.0
6382	1140.0	-1240.0	4.0	0.0	20.5	19.4
6383	1160.0	-1240.0	4.0	0.0	30.9	29.9
6384	1180.0	-1240.0	4.0	0.0	31.6	30.4
6385	1200.0	-1240.0	4.0	0.0	31.8	30.7
6386	1220.0	-1240.0	4.0	0.0	29.7	28.5
6387	1240.0	-1240.0	4.0	0.0	29.3	28.2
6388	1260.0	-1240.0	4.0	0.0	29.4	28.4
6389	1280.0	-1240.0	4.0	0.0	23.6	22.7
6390	1300.0	-1240.0	4.0	0.0	25.5	24.8
6391	1320.0	-1240.0	4.0	0.0	25.8	25.2
6392	1340.0	-1240.0	4.0	0.0	26.8	26.4
6393	1360.0	-1240.0	4.0	0.0	27.0	26.5
6394	1380.0	-1240.0	4.0	0.0	27.7	27.3
6395	1400.0	-1240.0	4.0	0.0	27.6	27.2
6396	1420.0	-1240.0	4.0	0.0	27.4	27.0
6397	1440.0	-1240.0	4.0	0.0	27.1	26.6
6398	1460.0	-1240.0	4.0	0.0	26.9	26.4
6399	1480.0	-1240.0	4.0	0.0	26.8	26.2
6400	1500.0	-1240.0	4.0	0.0	26.7	26.2
6401	1520.0	-1240.0	4.0	0.0	26.8	26.3
6402	1540.0	-1240.0	4.0	0.0	26.2	25.5
6403	1560.0	-1240.0	4.0	0.0	27.1	26.5
6404	1580.0	-1240.0	4.0	0.0	27.4	26.8
6405	1600.0	-1240.0	4.0	0.0	27.6	27.0
6406	1620.0	-1240.0	4.0	0.0	27.4	26.8
6407	1640.0	-1240.0	4.0	0.0	27.3	26.6
6408	1660.0	-1240.0	4.0	0.0	27.1	26.3
6409	1680.0	-1240.0	4.0	0.0	26.7	26.0
6410	1700.0	-1240.0	4.0	0.0	26.5	25.8
6411	1720.0	-1240.0	4.0	0.0	26.0	25.2
6412	1740.0	-1240.0	4.0	0.0	25.6	24.7
6413	1760.0	-1240.0	4.0	0.0	25.4	24.5
6414	1780.0	-1240.0	4.0	0.0	24.9	24.0
6415	1800.0	-1240.0	4.0	0.0	24.5	23.5
6416	1820.0	-1240.0	4.0	0.0	23.9	22.9
6417	1840.0	-1240.0	4.0	0.0	23.7	22.7
6418	1860.0	-1240.0	4.0	0.0	23.7	22.6
6419	1880.0	-1240.0	4.0	0.0	23.5	22.4
6420	1900.0	-1240.0	4.0	0.0	23.4	22.2
6421	1920.0	-1240.0	4.0	0.0	23.3	22.1
6422	1940.0	-1240.0	4.0	0.0	23.1	21.9
6423	1960.0	-1240.0	4.0	0.0	23.0	21.8
6424	1980.0	-1240.0	4.0	0.0	22.9	21.6

6425	2000.0	-1240.0	4.0	0.0	22.7	21.5
6426	2020.0	-1240.0	4.0	0.0	22.6	21.3
6427	0.0	-1260.0	4.0	0.0	35.6	34.4
6428	20.0	-1260.0	4.0	0.0	35.9	34.8
6429	40.0	-1260.0	4.0	0.0	36.2	35.0
6430	60.0	-1260.0	4.0	0.0	36.4	35.4
6431	80.0	-1260.0	4.0	0.0	37.0	35.7
6432	100.0	-1260.0	4.0	0.0	37.2	35.9
6433	120.0	-1260.0	4.0	0.0	37.4	36.1
6434	140.0	-1260.0	4.0	0.0	37.7	36.4
6454	540.0	-1260.0	4.0	0.0	38.7	37.1
6455	560.0	-1260.0	4.0	0.0	38.7	37.2
6456	580.0	-1260.0	4.0	0.0	38.4	37.3
6457	600.0	-1260.0	4.0	0.0	38.2	36.8
6458	620.0	-1260.0	4.0	0.0	37.9	36.4
6459	640.0	-1260.0	4.0	0.0	37.5	36.0
6460	660.0	-1260.0	4.0	0.0	35.9	33.8
6461	680.0	-1260.0	4.0	0.0	33.8	30.3
6462	700.0	-1260.0	4.0	0.0	28.4	24.2
6463	720.0	-1260.0	4.0	0.0	22.4	20.3
6473	920.0	-1260.0	4.0	0.0	25.3	23.8
6474	940.0	-1260.0	4.0	0.0	25.8	24.3
6475	960.0	-1260.0	4.0	0.0	25.7	24.2
6476	980.0	-1260.0	4.0	0.0	16.4	15.1
6477	1000.0	-1260.0	4.0	0.0	26.8	25.5
6478	1020.0	-1260.0	4.0	0.0	27.3	26.0
6479	1040.0	-1260.0	4.0	0.0	27.7	26.4
6480	1060.0	-1260.0	4.0	0.0	27.2	25.9
6481	1080.0	-1260.0	4.0	0.0	18.8	17.6
6482	1100.0	-1260.0	4.0	0.0	21.7	20.9
6483	1120.0	-1260.0	4.0	0.0	21.6	20.6
6484	1140.0	-1260.0	4.0	0.0	22.1	21.1
6485	1160.0	-1260.0	4.0	0.0	32.4	31.5
6486	1180.0	-1260.0	4.0	0.0	33.3	32.5
6487	1200.0	-1260.0	4.0	0.0	33.6	32.6
6488	1220.0	-1260.0	4.0	0.0	33.0	32.0
6489	1240.0	-1260.0	4.0	0.0	31.1	29.9
6490	1260.0	-1260.0	4.0	0.0	30.7	29.7
6491	1280.0	-1260.0	4.0	0.0	28.4	27.4
6492	1300.0	-1260.0	4.0	0.0	25.2	24.4
6493	1320.0	-1260.0	4.0	0.0	26.0	25.4
6494	1340.0	-1260.0	4.0	0.0	26.4	25.8
6495	1360.0	-1260.0	4.0	0.0	27.6	27.1
6496	1380.0	-1260.0	4.0	0.0	27.1	26.6
6497	1400.0	-1260.0	4.0	0.0	27.8	27.3
6498	1420.0	-1260.0	4.0	0.0	27.3	26.8
6499	1440.0	-1260.0	4.0	0.0	27.1	26.6
6500	1460.0	-1260.0	4.0	0.0	26.8	26.3
6501	1480.0	-1260.0	4.0	0.0	26.7	26.1
6502	1500.0	-1260.0	4.0	0.0	26.6	26.1
6503	1520.0	-1260.0	4.0	0.0	26.7	26.1
6504	1540.0	-1260.0	4.0	0.0	26.0	25.3
6505	1560.0	-1260.0	4.0	0.0	26.5	25.8
6506	1580.0	-1260.0	4.0	0.0	26.8	26.2
6507	1600.0	-1260.0	4.0	0.0	27.2	26.6
6508	1620.0	-1260.0	4.0	0.0	27.3	26.7
6509	1640.0	-1260.0	4.0	0.0	27.1	26.4
6510	1660.0	-1260.0	4.0	0.0	27.0	26.3
6511	1680.0	-1260.0	4.0	0.0	26.8	26.0
6512	1700.0	-1260.0	4.0	0.0	26.5	25.8
6513	1720.0	-1260.0	4.0	0.0	26.3	25.5
6514	1740.0	-1260.0	4.0	0.0	25.9	25.1
6515	1760.0	-1260.0	4.0	0.0	25.4	24.4
6516	1780.0	-1260.0	4.0	0.0	24.9	23.9
6517	1800.0	-1260.0	4.0	0.0	24.6	23.5
6518	1820.0	-1260.0	4.0	0.0	23.9	22.8
6519	1840.0	-1260.0	4.0	0.0	23.7	22.6
6520	1860.0	-1260.0	4.0	0.0	23.5	22.4
6521	1880.0	-1260.0	4.0	0.0	23.5	22.3
6522	1900.0	-1260.0	4.0	0.0	23.3	22.1
6523	1920.0	-1260.0	4.0	0.0	23.2	22.0
6524	1940.0	-1260.0	4.0	0.0	23.0	21.8
6525	1960.0	-1260.0	4.0	0.0	22.9	21.7
6526	1980.0	-1260.0	4.0	0.0	22.8	21.5

6527	2000.0	-1260.0	4.0	0.0	22.7	21.4
6528	2020.0	-1260.0	4.0	0.0	22.5	21.2
6529	0.0	-1280.0	4.0	0.0	35.5	34.2
6530	20.0	-1280.0	4.0	0.0	35.8	34.7
6531	40.0	-1280.0	4.0	0.0	35.9	34.8
6532	60.0	-1280.0	4.0	0.0	36.1	35.0
6533	80.0	-1280.0	4.0	0.0	32.5	31.2
6553	480.0	-1280.0	4.0	0.0	27.7	23.5
6554	500.0	-1280.0	4.0	0.0	28.0	24.1
6555	520.0	-1280.0	4.0	0.0	28.8	25.1
6556	540.0	-1280.0	4.0	0.0	37.8	36.6
6557	560.0	-1280.0	4.0	0.0	38.8	37.4
6558	580.0	-1280.0	4.0	0.0	38.4	36.9
6559	600.0	-1280.0	4.0	0.0	38.6	37.4
6560	620.0	-1280.0	4.0	0.0	37.8	36.3
6561	640.0	-1280.0	4.0	0.0	37.1	35.5
6562	660.0	-1280.0	4.0	0.0	36.7	35.1
6563	680.0	-1280.0	4.0	0.0	34.0	30.9
6564	700.0	-1280.0	4.0	0.0	29.6	25.6
6565	720.0	-1280.0	4.0	0.0	23.1	20.8
6576	940.0	-1280.0	4.0	0.0	27.4	26.1
6577	960.0	-1280.0	4.0	0.0	27.3	26.0
6578	980.0	-1280.0	4.0	0.0	18.2	16.9
6579	1000.0	-1280.0	4.0	0.0	18.5	17.3
6580	1020.0	-1280.0	4.0	0.0	29.0	27.7
6581	1040.0	-1280.0	4.0	0.0	29.3	28.1
6582	1060.0	-1280.0	4.0	0.0	29.1	27.9
6583	1080.0	-1280.0	4.0	0.0	20.4	19.3
6584	1100.0	-1280.0	4.0	0.0	22.1	21.3
6585	1120.0	-1280.0	4.0	0.0	23.0	22.3
6586	1140.0	-1280.0	4.0	0.0	23.1	22.2
6587	1160.0	-1280.0	4.0	0.0	23.4	22.6
6588	1180.0	-1280.0	4.0	0.0	34.2	33.6
6589	1200.0	-1280.0	4.0	0.0	34.6	33.9
6590	1220.0	-1280.0	4.0	0.0	34.4	33.5
6591	1240.0	-1280.0	4.0	0.0	33.2	32.3
6592	1260.0	-1280.0	4.0	0.0	32.1	31.0
6593	1280.0	-1280.0	4.0	0.0	30.9	29.8
6594	1300.0	-1280.0	4.0	0.0	26.5	25.1
6595	1320.0	-1280.0	4.0	0.0	27.5	26.7
6596	1340.0	-1280.0	4.0	0.0	26.3	25.7
6597	1360.0	-1280.0	4.0	0.0	26.7	26.2
6598	1380.0	-1280.0	4.0	0.0	26.6	26.1
6599	1400.0	-1280.0	4.0	0.0	27.0	26.4
6600	1420.0	-1280.0	4.0	0.0	27.3	26.8
6601	1440.0	-1280.0	4.0	0.0	27.1	26.6
6602	1460.0	-1280.0	4.0	0.0	26.8	26.2
6603	1480.0	-1280.0	4.0	0.0	26.6	26.0
6604	1500.0	-1280.0	4.0	0.0	26.5	26.0
6605	1520.0	-1280.0	4.0	0.0	26.6	26.0
6606	1540.0	-1280.0	4.0	0.0	25.9	25.2
6607	1560.0	-1280.0	4.0	0.0	26.0	25.3
6608	1580.0	-1280.0	4.0	0.0	26.2	25.6
6609	1600.0	-1280.0	4.0	0.0	26.6	26.0
6610	1620.0	-1280.0	4.0	0.0	26.9	26.3
6611	1640.0	-1280.0	4.0	0.0	26.9	26.3
6612	1660.0	-1280.0	4.0	0.0	26.8	26.1
6613	1680.0	-1280.0	4.0	0.0	26.7	25.9
6614	1700.0	-1280.0	4.0	0.0	26.5	25.7
6615	1720.0	-1280.0	4.0	0.0	26.4	25.5
6616	1740.0	-1280.0	4.0	0.0	26.0	25.2
6617	1760.0	-1280.0	4.0	0.0	25.7	24.9
6618	1780.0	-1280.0	4.0	0.0	24.9	23.9
6619	1800.0	-1280.0	4.0	0.0	24.7	23.6
6620	1820.0	-1280.0	4.0	0.0	24.2	23.0
6621	1840.0	-1280.0	4.0	0.0	23.8	22.6
6622	1860.0	-1280.0	4.0	0.0	23.5	22.3
6623	1880.0	-1280.0	4.0	0.0	23.4	22.2
6624	1900.0	-1280.0	4.0	0.0	23.2	22.0
6625	1920.0	-1280.0	4.0	0.0	23.1	21.9
6626	1940.0	-1280.0	4.0	0.0	22.9	21.7
6627	1960.0	-1280.0	4.0	0.0	22.8	21.6
6628	1980.0	-1280.0	4.0	0.0	22.7	21.4
6629	2000.0	-1280.0	4.0	0.0	22.6	21.3



6630	2020.0	-1280.0	4.0	0.0	22.4	21.2
6631	0.0	-1300.0	4.0	0.0	35.4	34.2
6632	20.0	-1300.0	4.0	0.0	35.7	34.6
6633	40.0	-1300.0	4.0	0.0	35.7	34.7
6634	60.0	-1300.0	4.0	0.0	33.1	31.9
6635	80.0	-1300.0	4.0	0.0	23.9	23.3
6651	400.0	-1300.0	4.0	0.0	28.3	28.1
6652	420.0	-1300.0	4.0	0.0	29.0	28.8
6653	440.0	-1300.0	4.0	0.0	26.8	26.2
6654	460.0	-1300.0	4.0	0.0	27.2	26.6
6655	480.0	-1300.0	4.0	0.0	30.5	28.3
6656	500.0	-1300.0	4.0	0.0	31.6	29.4
6657	520.0	-1300.0	4.0	0.0	36.0	34.8
6658	540.0	-1300.0	4.0	0.0	38.2	37.1
6659	560.0	-1300.0	4.0	0.0	38.2	36.6
6660	580.0	-1300.0	4.0	0.0	38.2	36.6
6661	600.0	-1300.0	4.0	0.0	38.5	36.8
6662	620.0	-1300.0	4.0	0.0	37.8	36.4
6663	640.0	-1300.0	4.0	0.0	37.0	35.4
6664	660.0	-1300.0	4.0	0.0	36.3	34.5
6665	680.0	-1300.0	4.0	0.0	34.2	31.3
6666	700.0	-1300.0	4.0	0.0	31.3	26.8
6667	720.0	-1300.0	4.0	0.0	23.6	21.1
6678	940.0	-1300.0	4.0	0.0	29.0	27.9
6679	960.0	-1300.0	4.0	0.0	28.9	27.7
6680	980.0	-1300.0	4.0	0.0	19.8	18.7
6681	1000.0	-1300.0	4.0	0.0	20.1	19.0
6682	1020.0	-1300.0	4.0	0.0	30.5	29.5
6683	1040.0	-1300.0	4.0	0.0	30.9	29.9
6684	1060.0	-1300.0	4.0	0.0	30.7	29.8
6685	1080.0	-1300.0	4.0	0.0	21.9	20.8
6686	1100.0	-1300.0	4.0	0.0	22.9	22.2
6687	1120.0	-1300.0	4.0	0.0	24.5	23.9
6688	1140.0	-1300.0	4.0	0.0	23.9	23.1
6689	1160.0	-1300.0	4.0	0.0	24.3	23.5
6690	1180.0	-1300.0	4.0	0.0	34.5	34.0
6691	1200.0	-1300.0	4.0	0.0	35.1	34.6
6692	1220.0	-1300.0	4.0	0.0	32.9	32.3
6693	1240.0	-1300.0	4.0	0.0	31.0	30.5
6694	1260.0	-1300.0	4.0	0.0	32.2	31.7
6695	1280.0	-1300.0	4.0	0.0	32.2	31.8
6696	1300.0	-1300.0	4.0	0.0	30.1	29.0
6697	1320.0	-1300.0	4.0	0.0	27.4	26.2
6698	1340.0	-1300.0	4.0	0.0	27.0	25.7
6699	1360.0	-1300.0	4.0	0.0	26.4	25.8
6700	1380.0	-1300.0	4.0	0.0	27.0	26.5
6701	1400.0	-1300.0	4.0	0.0	26.6	26.1
6702	1420.0	-1300.0	4.0	0.0	26.7	26.2
6703	1440.0	-1300.0	4.0	0.0	26.8	26.2
6704	1460.0	-1300.0	4.0	0.0	26.8	26.2
6705	1480.0	-1300.0	4.0	0.0	26.5	26.0
6706	1500.0	-1300.0	4.0	0.0	26.5	25.9
6707	1520.0	-1300.0	4.0	0.0	26.4	25.9
6708	1540.0	-1300.0	4.0	0.0	25.7	25.0
6709	1560.0	-1300.0	4.0	0.0	25.8	25.1
6710	1580.0	-1300.0	4.0	0.0	25.8	25.1
6711	1600.0	-1300.0	4.0	0.0	26.1	25.5
6712	1620.0	-1300.0	4.0	0.0	26.3	25.7
6713	1640.0	-1300.0	4.0	0.0	26.6	25.9
6714	1660.0	-1300.0	4.0	0.0	26.6	26.0
6715	1680.0	-1300.0	4.0	0.0	26.5	25.8
6716	1700.0	-1300.0	4.0	0.0	26.4	25.6
6717	1720.0	-1300.0	4.0	0.0	26.3	25.4
6718	1740.0	-1300.0	4.0	0.0	26.1	25.2
6719	1760.0	-1300.0	4.0	0.0	25.7	25.0
6720	1780.0	-1300.0	4.0	0.0	25.2	24.3
6721	1800.0	-1300.0	4.0	0.0	24.6	23.6
6722	1820.0	-1300.0	4.0	0.0	24.1	22.9
6723	1840.0	-1300.0	4.0	0.0	24.0	22.8
6724	1860.0	-1300.0	4.0	0.0	23.7	22.5
6725	1880.0	-1300.0	4.0	0.0	23.3	22.1
6726	1900.0	-1300.0	4.0	0.0	23.1	21.9
6727	1920.0	-1300.0	4.0	0.0	23.0	21.8
6728	1940.0	-1300.0	4.0	0.0	23.0	21.6

6729	1960.0	-1300.0	4.0	0.0	22.8	21.5
6730	1980.0	-1300.0	4.0	0.0	22.6	21.3
6731	2000.0	-1300.0	4.0	0.0	22.5	21.2
6732	2020.0	-1300.0	4.0	0.0	22.3	21.1
6733	0.0	-1320.0	4.0	0.0	35.4	34.3
6734	20.0	-1320.0	4.0	0.0	35.3	34.3
6735	40.0	-1320.0	4.0	0.0	34.3	33.3
6736	60.0	-1320.0	4.0	0.0	30.6	30.0
6737	80.0	-1320.0	4.0	0.0	25.2	24.6
6748	300.0	-1320.0	4.0	0.0	23.6	23.0
6749	320.0	-1320.0	4.0	0.0	25.3	24.7
6750	340.0	-1320.0	4.0	0.0	27.1	26.6
6751	360.0	-1320.0	4.0	0.0	28.9	28.5
6752	380.0	-1320.0	4.0	0.0	30.6	30.2
6753	400.0	-1320.0	4.0	0.0	31.6	31.1
6754	420.0	-1320.0	4.0	0.0	31.6	31.0
6755	440.0	-1320.0	4.0	0.0	31.8	31.0
6756	460.0	-1320.0	4.0	0.0	32.7	32.0
6757	480.0	-1320.0	4.0	0.0	33.7	32.9
6758	500.0	-1320.0	4.0	0.0	35.9	34.7
6759	520.0	-1320.0	4.0	0.0	37.4	36.3
6760	540.0	-1320.0	4.0	0.0	37.8	36.3
6761	560.0	-1320.0	4.0	0.0	37.4	36.2
6762	580.0	-1320.0	4.0	0.0	38.4	37.1
6763	600.0	-1320.0	4.0	0.0	38.0	36.5
6764	620.0	-1320.0	4.0	0.0	38.1	36.5
6765	640.0	-1320.0	4.0	0.0	37.0	35.5
6766	660.0	-1320.0	4.0	0.0	36.1	34.4
6767	680.0	-1320.0	4.0	0.0	34.4	31.7
6768	700.0	-1320.0	4.0	0.0	32.5	27.9
6769	720.0	-1320.0	4.0	0.0	24.5	21.8
6780	940.0	-1320.0	4.0	0.0	30.6	29.7
6781	960.0	-1320.0	4.0	0.0	30.4	29.4
6782	980.0	-1320.0	4.0	0.0	28.6	27.6
6783	1000.0	-1320.0	4.0	0.0	21.5	20.6
6784	1020.0	-1320.0	4.0	0.0	21.8	20.9
6785	1040.0	-1320.0	4.0	0.0	32.8	32.1
6786	1060.0	-1320.0	4.0	0.0	32.6	31.9
6787	1080.0	-1320.0	4.0	0.0	30.8	30.2
6788	1100.0	-1320.0	4.0	0.0	23.8	23.1
6789	1120.0	-1320.0	4.0	0.0	24.1	23.5
6790	1140.0	-1320.0	4.0	0.0	24.7	23.9
6791	1160.0	-1320.0	4.0	0.0	24.9	24.1
6792	1180.0	-1320.0	4.0	0.0	24.9	24.2
6793	1200.0	-1320.0	4.0	0.0	27.1	25.4
6794	1220.0	-1320.0	4.0	0.0	30.7	30.1
6795	1240.0	-1320.0	4.0	0.0	32.3	31.9
6796	1260.0	-1320.0	4.0	0.0	31.7	31.2
6797	1280.0	-1320.0	4.0	0.0	32.5	32.1
6798	1300.0	-1320.0	4.0	0.0	31.3	30.9
6799	1320.0	-1320.0	4.0	0.0	29.3	28.0
6800	1340.0	-1320.0	4.0	0.0	27.3	26.0
6801	1360.0	-1320.0	4.0	0.0	27.0	25.7
6802	1380.0	-1320.0	4.0	0.0	26.5	25.9
6803	1400.0	-1320.0	4.0	0.0	27.0	26.5
6804	1420.0	-1320.0	4.0	0.0	26.4	25.8
6805	1440.0	-1320.0	4.0	0.0	26.8	26.3
6806	1460.0	-1320.0	4.0	0.0	26.6	26.1
6807	1480.0	-1320.0	4.0	0.0	26.5	26.0
6808	1500.0	-1320.0	4.0	0.0	26.4	25.8
6809	1520.0	-1320.0	4.0	0.0	26.0	25.3
6810	1540.0	-1320.0	4.0	0.0	25.6	24.9
6811	1560.0	-1320.0	4.0	0.0	25.7	25.0
6812	1580.0	-1320.0	4.0	0.0	25.5	24.8
6813	1600.0	-1320.0	4.0	0.0	25.8	25.1
6814	1620.0	-1320.0	4.0	0.0	25.9	25.2
6815	1640.0	-1320.0	4.0	0.0	26.1	25.4
6816	1660.0	-1320.0	4.0	0.0	26.3	25.6
6817	1680.0	-1320.0	4.0	0.0	26.3	25.6
6818	1700.0	-1320.0	4.0	0.0	26.2	25.5
6819	1720.0	-1320.0	4.0	0.0	26.1	25.3
6820	1740.0	-1320.0	4.0	0.0	26.0	25.1
6821	1760.0	-1320.0	4.0	0.0	25.8	25.0
6822	1780.0	-1320.0	4.0	0.0	25.1	24.3

6823	1800.0	-1320.0	4.0	0.0	24.7	23.7
6824	1820.0	-1320.0	4.0	0.0	24.2	23.1
6825	1840.0	-1320.0	4.0	0.0	23.9	22.7
6826	1860.0	-1320.0	4.0	0.0	23.7	22.5
6827	1880.0	-1320.0	4.0	0.0	23.6	22.4
6828	1900.0	-1320.0	4.0	0.0	23.3	22.0
6829	1920.0	-1320.0	4.0	0.0	22.9	21.7
6830	1940.0	-1320.0	4.0	0.0	22.8	21.5
6831	1960.0	-1320.0	4.0	0.0	22.7	21.4
6832	1980.0	-1320.0	4.0	0.0	22.6	21.2
6833	2000.0	-1320.0	4.0	0.0	22.4	21.1
6834	2020.0	-1320.0	4.0	0.0	22.3	21.0
6835	0.0	-1340.0	4.0	0.0	35.1	34.0
6836	20.0	-1340.0	4.0	0.0	34.8	33.7
6837	40.0	-1340.0	4.0	0.0	33.5	32.8
6838	60.0	-1340.0	4.0	0.0	31.2	30.6
6839	80.0	-1340.0	4.0	0.0	26.4	25.8
6840	100.0	-1340.0	4.0	0.0	20.3	19.6
6845	200.0	-1340.0	4.0	0.0	21.9	21.1
6846	220.0	-1340.0	4.0	0.0	23.6	22.8
6847	240.0	-1340.0	4.0	0.0	25.5	24.8
6848	260.0	-1340.0	4.0	0.0	27.3	26.5
6849	280.0	-1340.0	4.0	0.0	28.9	28.1
6850	300.0	-1340.0	4.0	0.0	30.1	29.4
6851	320.0	-1340.0	4.0	0.0	31.5	30.8
6852	340.0	-1340.0	4.0	0.0	32.6	32.0
6853	360.0	-1340.0	4.0	0.0	33.7	33.1
6854	380.0	-1340.0	4.0	0.0	34.4	33.8
6855	400.0	-1340.0	4.0	0.0	34.4	33.8
6856	420.0	-1340.0	4.0	0.0	34.4	33.6
6857	440.0	-1340.0	4.0	0.0	34.7	33.9
6858	460.0	-1340.0	4.0	0.0	35.0	34.2
6859	480.0	-1340.0	4.0	0.0	35.5	34.7
6860	500.0	-1340.0	4.0	0.0	36.4	35.2
6861	520.0	-1340.0	4.0	0.0	37.7	36.2
6862	540.0	-1340.0	4.0	0.0	37.5	36.0
6863	560.0	-1340.0	4.0	0.0	37.2	35.9
6864	580.0	-1340.0	4.0	0.0	37.4	36.2
6865	600.0	-1340.0	4.0	0.0	37.8	36.3
6866	620.0	-1340.0	4.0	0.0	38.1	36.4
6867	640.0	-1340.0	4.0	0.0	37.5	35.7
6868	660.0	-1340.0	4.0	0.0	36.0	34.3
6869	680.0	-1340.0	4.0	0.0	34.7	32.3
6870	700.0	-1340.0	4.0	0.0	32.9	29.1
6871	720.0	-1340.0	4.0	0.0	25.7	23.1
6882	940.0	-1340.0	4.0	0.0	32.5	31.7
6883	960.0	-1340.0	4.0	0.0	32.2	31.4
6884	980.0	-1340.0	4.0	0.0	30.7	29.9
6885	1000.0	-1340.0	4.0	0.0	22.7	21.9
6886	1020.0	-1340.0	4.0	0.0	22.9	22.1
6887	1040.0	-1340.0	4.0	0.0	33.8	33.3
6888	1060.0	-1340.0	4.0	0.0	33.6	33.0
6889	1080.0	-1340.0	4.0	0.0	32.1	31.4
6890	1100.0	-1340.0	4.0	0.0	24.4	23.8
6891	1120.0	-1340.0	4.0	0.0	25.3	24.8
6892	1140.0	-1340.0	4.0	0.0	25.1	24.6
6893	1160.0	-1340.0	4.0	0.0	25.2	24.4
6894	1180.0	-1340.0	4.0	0.0	25.3	24.6
6895	1200.0	-1340.0	4.0	0.0	27.7	27.3
6896	1220.0	-1340.0	4.0	0.0	31.4	30.8
6897	1240.0	-1340.0	4.0	0.0	30.0	29.1
6898	1260.0	-1340.0	4.0	0.0	31.3	30.7
6899	1280.0	-1340.0	4.0	0.0	32.8	32.4
6900	1300.0	-1340.0	4.0	0.0	31.5	31.0
6901	1320.0	-1340.0	4.0	0.0	30.0	29.4
6902	1340.0	-1340.0	4.0	0.0	28.3	26.8
6903	1360.0	-1340.0	4.0	0.0	27.1	25.7
6904	1380.0	-1340.0	4.0	0.0	26.9	25.6
6905	1400.0	-1340.0	4.0	0.0	26.5	25.9
6906	1420.0	-1340.0	4.0	0.0	26.0	25.4
6907	1440.0	-1340.0	4.0	0.0	26.2	25.6
6908	1460.0	-1340.0	4.0	0.0	26.6	26.1
6909	1480.0	-1340.0	4.0	0.0	26.4	25.8
6910	1500.0	-1340.0	4.0	0.0	26.4	25.8

6911	1520.0	-1340.0	4.0	0.0	25.7	25.0
6912	1540.0	-1340.0	4.0	0.0	25.6	25.0
6913	1560.0	-1340.0	4.0	0.0	25.5	24.9
6914	1580.0	-1340.0	4.0	0.0	25.5	24.9
6915	1600.0	-1340.0	4.0	0.0	25.5	24.8
6916	1620.0	-1340.0	4.0	0.0	25.5	24.9
6917	1640.0	-1340.0	4.0	0.0	25.6	24.9
6918	1660.0	-1340.0	4.0	0.0	25.8	25.1
6919	1680.0	-1340.0	4.0	0.0	26.0	25.3
6920	1700.0	-1340.0	4.0	0.0	26.0	25.3
6921	1720.0	-1340.0	4.0	0.0	25.9	25.2
6922	1740.0	-1340.0	4.0	0.0	25.8	25.0
6923	1760.0	-1340.0	4.0	0.0	25.7	24.8
6924	1780.0	-1340.0	4.0	0.0	25.2	24.2
6925	1800.0	-1340.0	4.0	0.0	24.7	23.6
6926	1820.0	-1340.0	4.0	0.0	24.3	23.3
6927	1840.0	-1340.0	4.0	0.0	24.0	22.9
6928	1860.0	-1340.0	4.0	0.0	23.7	22.5
6929	1880.0	-1340.0	4.0	0.0	23.5	22.3
6930	1900.0	-1340.0	4.0	0.0	23.4	22.1
6931	1920.0	-1340.0	4.0	0.0	23.2	21.9
6932	1940.0	-1340.0	4.0	0.0	22.8	21.5
6933	1960.0	-1340.0	4.0	0.0	22.6	21.3
6934	1980.0	-1340.0	4.0	0.0	22.4	21.1
6935	2000.0	-1340.0	4.0	0.0	22.5	21.0
6936	2020.0	-1340.0	4.0	0.0	22.3	20.9
6937	0.0	-1360.0	4.0	0.0	34.7	33.5
6938	20.0	-1360.0	4.0	0.0	34.2	33.3
6939	40.0	-1360.0	4.0	0.0	33.6	32.8
6940	60.0	-1360.0	4.0	0.0	31.8	31.2
6941	80.0	-1360.0	4.0	0.0	27.6	27.1
6942	100.0	-1360.0	4.0	0.0	21.3	20.6
6943	120.0	-1360.0	4.0	0.0	22.8	22.0
6944	140.0	-1360.0	4.0	0.0	25.2	24.4
6945	160.0	-1360.0	4.0	0.0	27.1	26.3
6946	180.0	-1360.0	4.0	0.0	28.7	28.0
6947	200.0	-1360.0	4.0	0.0	30.0	29.3
6948	220.0	-1360.0	4.0	0.0	31.1	30.3
6949	240.0	-1360.0	4.0	0.0	32.1	31.3
6950	260.0	-1360.0	4.0	0.0	33.0	32.2
6951	280.0	-1360.0	4.0	0.0	33.6	32.8
6952	300.0	-1360.0	4.0	0.0	34.2	33.5
6953	320.0	-1360.0	4.0	0.0	34.8	34.0
6954	340.0	-1360.0	4.0	0.0	35.3	34.5
6955	360.0	-1360.0	4.0	0.0	35.6	34.8
6956	380.0	-1360.0	4.0	0.0	35.6	34.7
6957	400.0	-1360.0	4.0	0.0	35.4	34.5
6958	420.0	-1360.0	4.0	0.0	35.3	34.3
6959	440.0	-1360.0	4.0	0.0	35.5	34.5
6960	460.0	-1360.0	4.0	0.0	35.6	34.7
6961	480.0	-1360.0	4.0	0.0	35.9	35.0
6962	500.0	-1360.0	4.0	0.0	37.1	35.9
6963	520.0	-1360.0	4.0	0.0	37.4	35.9
6964	540.0	-1360.0	4.0	0.0	37.3	35.7
6965	560.0	-1360.0	4.0	0.0	37.5	36.4
6966	580.0	-1360.0	4.0	0.0	37.1	35.9
6967	600.0	-1360.0	4.0	0.0	37.5	36.0
6968	620.0	-1360.0	4.0	0.0	38.0	36.3
6969	640.0	-1360.0	4.0	0.0	37.1	35.1
6970	660.0	-1360.0	4.0	0.0	36.5	34.4
6971	680.0	-1360.0	4.0	0.0	35.0	32.8
6972	700.0	-1360.0	4.0	0.0	33.4	30.2
6973	720.0	-1360.0	4.0	0.0	26.9	24.6
6974	740.0	-1360.0	4.0	0.0	21.6	19.7
6985	960.0	-1360.0	4.0	0.0	33.2	32.6
6986	980.0	-1360.0	4.0	0.0	32.1	31.5
6987	1000.0	-1360.0	4.0	0.0	29.5	28.6
6988	1020.0	-1360.0	4.0	0.0	23.8	23.0
6989	1040.0	-1360.0	4.0	0.0	24.7	24.0
6990	1060.0	-1360.0	4.0	0.0	34.3	33.7
6991	1080.0	-1360.0	4.0	0.0	33.1	32.4
6992	1100.0	-1360.0	4.0	0.0	29.4	28.6
6993	1120.0	-1360.0	4.0	0.0	25.3	24.7
6994	1140.0	-1360.0	4.0	0.0	25.5	25.0

6995	1160.0	-1360.0	4.0	0.0	25.4	24.7
6996	1180.0	-1360.0	4.0	0.0	25.4	24.7
6997	1200.0	-1360.0	4.0	0.0	25.6	24.8
6998	1220.0	-1360.0	4.0	0.0	31.6	31.4
6999	1240.0	-1360.0	4.0	0.0	30.6	29.6
7000	1260.0	-1360.0	4.0	0.0	32.1	31.6
7001	1280.0	-1360.0	4.0	0.0	31.9	31.4
7002	1300.0	-1360.0	4.0	0.0	32.6	32.2
7003	1320.0	-1360.0	4.0	0.0	31.3	30.8
7004	1340.0	-1360.0	4.0	0.0	28.8	28.2
7005	1360.0	-1360.0	4.0	0.0	27.6	25.6
7006	1380.0	-1360.0	4.0	0.0	26.9	25.5
7007	1400.0	-1360.0	4.0	0.0	26.8	25.4
7008	1420.0	-1360.0	4.0	0.0	26.6	26.0
7009	1440.0	-1360.0	4.0	0.0	26.0	25.3
7010	1460.0	-1360.0	4.0	0.0	26.0	25.4
7011	1480.0	-1360.0	4.0	0.0	26.7	26.1
7012	1500.0	-1360.0	4.0	0.0	26.4	25.8
7013	1520.0	-1360.0	4.0	0.0	25.7	25.0
7014	1540.0	-1360.0	4.0	0.0	25.6	25.0
7015	1560.0	-1360.0	4.0	0.0	25.4	24.7
7016	1580.0	-1360.0	4.0	0.0	25.5	24.8
7017	1600.0	-1360.0	4.0	0.0	25.3	24.6
7018	1620.0	-1360.0	4.0	0.0	25.2	24.5
7019	1640.0	-1360.0	4.0	0.0	25.3	24.6
7020	1660.0	-1360.0	4.0	0.0	25.4	24.6
7021	1680.0	-1360.0	4.0	0.0	25.5	24.8
7022	1700.0	-1360.0	4.0	0.0	25.7	25.0
7023	1720.0	-1360.0	4.0	0.0	25.7	25.0
7024	1740.0	-1360.0	4.0	0.0	25.7	24.9
7025	1760.0	-1360.0	4.0	0.0	25.4	24.6
7026	1780.0	-1360.0	4.0	0.0	25.0	24.1
7027	1800.0	-1360.0	4.0	0.0	24.5	23.4
7028	1820.0	-1360.0	4.0	0.0	24.5	23.3
7029	1840.0	-1360.0	4.0	0.0	24.1	23.1
7030	1860.0	-1360.0	4.0	0.0	23.8	22.7
7031	1880.0	-1360.0	4.0	0.0	23.5	22.3
7032	1900.0	-1360.0	4.0	0.0	23.2	22.0
7033	1920.0	-1360.0	4.0	0.0	23.1	21.9
7034	1940.0	-1360.0	4.0	0.0	23.0	21.7
7035	1960.0	-1360.0	4.0	0.0	22.8	21.4
7036	1980.0	-1360.0	4.0	0.0	22.4	21.1
7037	2000.0	-1360.0	4.0	0.0	22.2	20.9
7038	2020.0	-1360.0	4.0	0.0	22.1	20.8
7039	0.0	-1380.0	4.0	0.0	34.2	33.2
7040	20.0	-1380.0	4.0	0.0	34.1	33.0
7041	40.0	-1380.0	4.0	0.0	33.7	32.8
7042	60.0	-1380.0	4.0	0.0	32.3	31.6
7043	80.0	-1380.0	4.0	0.0	29.5	28.7
7044	100.0	-1380.0	4.0	0.0	30.2	29.4
7045	120.0	-1380.0	4.0	0.0	31.4	30.6
7046	140.0	-1380.0	4.0	0.0	32.3	31.4
7047	160.0	-1380.0	4.0	0.0	33.0	32.1
7048	180.0	-1380.0	4.0	0.0	33.5	32.7
7049	200.0	-1380.0	4.0	0.0	33.9	32.9
7050	220.0	-1380.0	4.0	0.0	34.3	33.3
7051	240.0	-1380.0	4.0	0.0	34.6	33.6
7052	260.0	-1380.0	4.0	0.0	34.9	33.9
7053	280.0	-1380.0	4.0	0.0	35.1	34.2
7054	300.0	-1380.0	4.0	0.0	35.5	34.5
7055	320.0	-1380.0	4.0	0.0	35.8	34.9
7056	340.0	-1380.0	4.0	0.0	36.0	35.1
7057	360.0	-1380.0	4.0	0.0	35.8	35.1
7058	380.0	-1380.0	4.0	0.0	35.6	34.6
7059	400.0	-1380.0	4.0	0.0	35.5	34.4
7060	420.0	-1380.0	4.0	0.0	35.5	34.4
7061	440.0	-1380.0	4.0	0.0	35.6	34.6
7062	460.0	-1380.0	4.0	0.0	35.7	34.8
7063	480.0	-1380.0	4.0	0.0	36.5	35.7
7064	500.0	-1380.0	4.0	0.0	36.5	35.6
7065	520.0	-1380.0	4.0	0.0	37.1	35.5
7066	540.0	-1380.0	4.0	0.0	37.3	35.7
7067	560.0	-1380.0	4.0	0.0	37.0	35.8
7068	580.0	-1380.0	4.0	0.0	36.9	35.7

7069	600.0	-1380.0	4.0	0.0	37.0	35.8
7070	620.0	-1380.0	4.0	0.0	37.6	35.8
7071	640.0	-1380.0	4.0	0.0	37.1	35.2
7072	660.0	-1380.0	4.0	0.0	36.6	34.5
7073	680.0	-1380.0	4.0	0.0	35.3	33.2
7074	700.0	-1380.0	4.0	0.0	33.8	31.0
7075	720.0	-1380.0	4.0	0.0	28.5	26.7
7076	740.0	-1380.0	4.0	0.0	22.1	19.9
7087	960.0	-1380.0	4.0	0.0	33.9	33.3
7088	980.0	-1380.0	4.0	0.0	32.9	32.2
7089	1000.0	-1380.0	4.0	0.0	30.7	29.9
7090	1020.0	-1380.0	4.0	0.0	24.5	23.7
7091	1040.0	-1380.0	4.0	0.0	25.4	24.7
7092	1060.0	-1380.0	4.0	0.0	34.7	34.2
7093	1080.0	-1380.0	4.0	0.0	33.8	33.1
7094	1100.0	-1380.0	4.0	0.0	32.0	31.4
7095	1120.0	-1380.0	4.0	0.0	25.3	24.7
7096	1140.0	-1380.0	4.0	0.0	25.8	25.3
7097	1160.0	-1380.0	4.0	0.0	25.3	24.8
7098	1180.0	-1380.0	4.0	0.0	25.4	24.7
7099	1200.0	-1380.0	4.0	0.0	25.5	24.7
7100	1220.0	-1380.0	4.0	0.0	27.8	27.3
7101	1240.0	-1380.0	4.0	0.0	30.5	30.0
7102	1260.0	-1380.0	4.0	0.0	30.1	29.0
7103	1280.0	-1380.0	4.0	0.0	31.5	30.9
7104	1300.0	-1380.0	4.0	0.0	31.9	31.4
7105	1320.0	-1380.0	4.0	0.0	31.3	30.7
7106	1340.0	-1380.0	4.0	0.0	29.8	29.3
7107	1360.0	-1380.0	4.0	0.0	28.6	28.1
7108	1380.0	-1380.0	4.0	0.0	27.4	25.3
7109	1400.0	-1380.0	4.0	0.0	26.8	25.3
7110	1420.0	-1380.0	4.0	0.0	26.7	25.4
7111	1440.0	-1380.0	4.0	0.0	25.9	25.3
7112	1460.0	-1380.0	4.0	0.0	25.8	25.1
7113	1480.0	-1380.0	4.0	0.0	26.2	25.6
7114	1500.0	-1380.0	4.0	0.0	26.6	26.1
7115	1520.0	-1380.0	4.0	0.0	25.6	25.0
7116	1540.0	-1380.0	4.0	0.0	25.6	24.9
7117	1560.0	-1380.0	4.0	0.0	25.3	24.6
7118	1580.0	-1380.0	4.0	0.0	25.4	24.7
7119	1600.0	-1380.0	4.0	0.0	25.2	24.5
7120	1620.0	-1380.0	4.0	0.0	25.1	24.3
7121	1640.0	-1380.0	4.0	0.0	25.0	24.3
7122	1660.0	-1380.0	4.0	0.0	25.1	24.4
7123	1680.0	-1380.0	4.0	0.0	25.1	24.4
7124	1700.0	-1380.0	4.0	0.0	25.3	24.5
7125	1720.0	-1380.0	4.0	0.0	25.4	24.7
7126	1740.0	-1380.0	4.0	0.0	25.5	24.7
7127	1760.0	-1380.0	4.0	0.0	25.0	24.1
7128	1780.0	-1380.0	4.0	0.0	24.9	24.0
7129	1800.0	-1380.0	4.0	0.0	24.4	23.3
7130	1820.0	-1380.0	4.0	0.0	24.3	23.1
7131	1840.0	-1380.0	4.0	0.0	24.2	23.0
7132	1860.0	-1380.0	4.0	0.0	24.1	22.9
7133	1880.0	-1380.0	4.0	0.0	23.6	22.5
7134	1900.0	-1380.0	4.0	0.0	23.3	22.2
7135	1920.0	-1380.0	4.0	0.0	23.0	21.8
7136	1940.0	-1380.0	4.0	0.0	22.9	21.7
7137	1960.0	-1380.0	4.0	0.0	22.8	21.5
7138	1980.0	-1380.0	4.0	0.0	22.7	21.3
7139	2000.0	-1380.0	4.0	0.0	22.4	21.0
7140	2020.0	-1380.0	4.0	0.0	22.1	20.7
7141	0.0	-1400.0	4.0	0.0	34.0	32.9
7142	20.0	-1400.0	4.0	0.0	34.0	32.9
7143	40.0	-1400.0	4.0	0.0	33.7	32.8
7144	60.0	-1400.0	4.0	0.0	33.3	32.4
7145	80.0	-1400.0	4.0	0.0	33.4	32.5
7146	100.0	-1400.0	4.0	0.0	33.7	32.8
7147	120.0	-1400.0	4.0	0.0	34.1	33.2
7148	140.0	-1400.0	4.0	0.0	34.3	33.3
7149	160.0	-1400.0	4.0	0.0	34.5	33.5
7150	180.0	-1400.0	4.0	0.0	34.6	33.5
7151	200.0	-1400.0	4.0	0.0	34.8	33.7
7152	220.0	-1400.0	4.0	0.0	34.9	33.8

7153	240.0	-1400.0	4.0	0.0	35.1	34.0
7154	260.0	-1400.0	4.0	0.0	35.3	34.2
7155	280.0	-1400.0	4.0	0.0	35.5	34.5
7156	300.0	-1400.0	4.0	0.0	35.8	34.8
7157	320.0	-1400.0	4.0	0.0	35.9	35.0
7158	340.0	-1400.0	4.0	0.0	35.8	34.9
7169	560.0	-1400.0	4.0	0.0	36.7	35.5
7170	580.0	-1400.0	4.0	0.0	36.7	35.5
7171	600.0	-1400.0	4.0	0.0	36.9	35.7
7172	620.0	-1400.0	4.0	0.0	37.0	35.5
7173	640.0	-1400.0	4.0	0.0	37.5	35.9
7174	660.0	-1400.0	4.0	0.0	36.7	34.7
7175	680.0	-1400.0	4.0	0.0	36.0	33.7
7176	700.0	-1400.0	4.0	0.0	34.2	31.8
7177	720.0	-1400.0	4.0	0.0	29.8	28.2
7178	740.0	-1400.0	4.0	0.0	24.4	22.7
7189	960.0	-1400.0	4.0	0.0	34.2	33.6
7190	980.0	-1400.0	4.0	0.0	33.4	32.8
7191	1000.0	-1400.0	4.0	0.0	31.7	31.0
7192	1020.0	-1400.0	4.0	0.0	29.6	28.6
7193	1040.0	-1400.0	4.0	0.0	25.7	25.1
7194	1060.0	-1400.0	4.0	0.0	29.9	29.5
7195	1080.0	-1400.0	4.0	0.0	34.1	33.5
7196	1100.0	-1400.0	4.0	0.0	32.5	31.8
7197	1120.0	-1400.0	4.0	0.0	25.4	24.7
7198	1140.0	-1400.0	4.0	0.0	25.8	25.3
7199	1160.0	-1400.0	4.0	0.0	25.3	24.8
7200	1180.0	-1400.0	4.0	0.0	25.2	24.6
7201	1200.0	-1400.0	4.0	0.0	25.5	24.6
7202	1220.0	-1400.0	4.0	0.0	25.8	25.1
7203	1240.0	-1400.0	4.0	0.0	30.5	30.1
7204	1260.0	-1400.0	4.0	0.0	30.0	28.9
7205	1280.0	-1400.0	4.0	0.0	31.7	31.0
7206	1300.0	-1400.0	4.0	0.0	31.8	31.1
7207	1320.0	-1400.0	4.0	0.0	31.2	30.6
7208	1340.0	-1400.0	4.0	0.0	30.8	30.4
7209	1360.0	-1400.0	4.0	0.0	29.6	29.1
7210	1380.0	-1400.0	4.0	0.0	26.1	25.4
7211	1400.0	-1400.0	4.0	0.0	27.1	25.1
7212	1420.0	-1400.0	4.0	0.0	26.6	25.1
7213	1440.0	-1400.0	4.0	0.0	26.7	25.4
7214	1460.0	-1400.0	4.0	0.0	25.8	24.8
7215	1480.0	-1400.0	4.0	0.0	25.7	25.0
7216	1500.0	-1400.0	4.0	0.0	26.1	25.5
7217	1520.0	-1400.0	4.0	0.0	25.6	25.0
7218	1540.0	-1400.0	4.0	0.0	25.5	24.9
7219	1560.0	-1400.0	4.0	0.0	25.3	24.6
7220	1580.0	-1400.0	4.0	0.0	25.3	24.6
7221	1600.0	-1400.0	4.0	0.0	25.1	24.4
7222	1620.0	-1400.0	4.0	0.0	24.9	24.2
7223	1640.0	-1400.0	4.0	0.0	24.8	24.1
7224	1660.0	-1400.0	4.0	0.0	24.8	24.1
7225	1680.0	-1400.0	4.0	0.0	24.8	24.1
7226	1700.0	-1400.0	4.0	0.0	24.8	24.1
7227	1720.0	-1400.0	4.0	0.0	25.0	24.2
7228	1740.0	-1400.0	4.0	0.0	25.2	24.4
7229	1760.0	-1400.0	4.0	0.0	24.8	23.9
7230	1780.0	-1400.0	4.0	0.0	24.7	23.8
7231	1800.0	-1400.0	4.0	0.0	24.2	23.1
7232	1820.0	-1400.0	4.0	0.0	24.1	23.0
7233	1840.0	-1400.0	4.0	0.0	24.0	22.9
7234	1860.0	-1400.0	4.0	0.0	23.9	22.7
7235	1880.0	-1400.0	4.0	0.0	23.9	22.6
7236	1900.0	-1400.0	4.0	0.0	23.4	22.4
7237	1920.0	-1400.0	4.0	0.0	23.1	22.0
7238	1940.0	-1400.0	4.0	0.0	22.8	21.6
7239	1960.0	-1400.0	4.0	0.0	22.7	21.4
7240	1980.0	-1400.0	4.0	0.0	22.6	21.3
7241	2000.0	-1400.0	4.0	0.0	22.5	21.1
7242	2020.0	-1400.0	4.0	0.0	22.3	20.9
7243	0.0	-1420.0	4.0	0.0	33.9	32.7
7244	20.0	-1420.0	4.0	0.0	33.9	32.8
7245	40.0	-1420.0	4.0	0.0	34.0	32.9
7246	60.0	-1420.0	4.0	0.0	34.0	33.0

7247	80.0	-1420.0	4.0	0.0	34.2	33.1
7248	100.0	-1420.0	4.0	0.0	34.3	33.2
7249	120.0	-1420.0	4.0	0.0	34.4	33.3
7250	140.0	-1420.0	4.0	0.0	34.4	33.3
7251	160.0	-1420.0	4.0	0.0	23.5	22.0
7271	560.0	-1420.0	4.0	0.0	36.9	35.3
7272	580.0	-1420.0	4.0	0.0	36.5	35.4
7273	600.0	-1420.0	4.0	0.0	36.7	35.6
7274	620.0	-1420.0	4.0	0.0	37.0	35.4
7279	720.0	-1420.0	4.0	0.0	31.0	29.6
7280	740.0	-1420.0	4.0	0.0	25.6	23.9
7291	960.0	-1420.0	4.0	0.0	34.3	33.8
7292	980.0	-1420.0	4.0	0.0	33.6	33.0
7293	1000.0	-1420.0	4.0	0.0	32.4	31.7
7294	1020.0	-1420.0	4.0	0.0	30.3	29.4
7295	1040.0	-1420.0	4.0	0.0	29.2	28.9
7296	1060.0	-1420.0	4.0	0.0	30.0	29.5
7297	1080.0	-1420.0	4.0	0.0	34.2	33.7
7298	1100.0	-1420.0	4.0	0.0	32.5	32.0
7299	1120.0	-1420.0	4.0	0.0	29.1	28.5
7300	1140.0	-1420.0	4.0	0.0	25.2	24.6
7301	1160.0	-1420.0	4.0	0.0	25.3	24.7
7302	1180.0	-1420.0	4.0	0.0	25.1	24.5
7303	1200.0	-1420.0	4.0	0.0	25.3	24.4
7304	1220.0	-1420.0	4.0	0.0	25.6	24.8
7305	1240.0	-1420.0	4.0	0.0	31.1	30.9
7306	1260.0	-1420.0	4.0	0.0	29.3	28.7
7307	1280.0	-1420.0	4.0	0.0	32.2	31.7
7308	1300.0	-1420.0	4.0	0.0	31.9	31.1
7309	1320.0	-1420.0	4.0	0.0	31.6	30.9
7310	1340.0	-1420.0	4.0	0.0	30.8	30.3
7311	1360.0	-1420.0	4.0	0.0	29.4	28.8
7312	1380.0	-1420.0	4.0	0.0	27.8	27.1
7313	1400.0	-1420.0	4.0	0.0	25.7	25.1
7314	1420.0	-1420.0	4.0	0.0	27.0	24.8
7315	1440.0	-1420.0	4.0	0.0	26.5	25.0
7316	1460.0	-1420.0	4.0	0.0	26.6	25.3
7317	1480.0	-1420.0	4.0	0.0	25.9	24.9
7318	1500.0	-1420.0	4.0	0.0	25.6	25.0
7319	1520.0	-1420.0	4.0	0.0	25.5	24.9
7320	1540.0	-1420.0	4.0	0.0	25.4	24.7
7321	1560.0	-1420.0	4.0	0.0	25.2	24.5
7322	1580.0	-1420.0	4.0	0.0	25.2	24.5
7323	1600.0	-1420.0	4.0	0.0	25.0	24.3
7324	1620.0	-1420.0	4.0	0.0	24.8	24.1
7325	1640.0	-1420.0	4.0	0.0	24.7	23.9
7326	1660.0	-1420.0	4.0	0.0	24.6	23.8
7327	1680.0	-1420.0	4.0	0.0	24.6	23.9
7328	1700.0	-1420.0	4.0	0.0	24.6	23.8
7329	1720.0	-1420.0	4.0	0.0	24.6	23.8
7330	1740.0	-1420.0	4.0	0.0	24.8	24.0
7331	1760.0	-1420.0	4.0	0.0	24.5	23.7
7332	1780.0	-1420.0	4.0	0.0	24.4	23.5
7333	1800.0	-1420.0	4.0	0.0	24.0	23.0
7334	1820.0	-1420.0	4.0	0.0	23.9	22.9
7335	1840.0	-1420.0	4.0	0.0	23.9	22.7
7336	1860.0	-1420.0	4.0	0.0	23.8	22.6
7337	1880.0	-1420.0	4.0	0.0	23.7	22.5
7338	1900.0	-1420.0	4.0	0.0	23.6	22.4
7339	1920.0	-1420.0	4.0	0.0	23.3	22.2
7340	1940.0	-1420.0	4.0	0.0	22.9	21.8
7341	1960.0	-1420.0	4.0	0.0	22.7	21.5
7342	1980.0	-1420.0	4.0	0.0	22.4	21.2
7343	2000.0	-1420.0	4.0	0.0	22.3	21.1
7344	2020.0	-1420.0	4.0	0.0	22.2	20.9
7345	0.0	-1440.0	4.0	0.0	33.7	32.6
7346	20.0	-1440.0	4.0	0.0	33.9	32.7
7347	40.0	-1440.0	4.0	0.0	34.0	32.9
7348	60.0	-1440.0	4.0	0.0	34.1	32.9
7349	80.0	-1440.0	4.0	0.0	34.2	33.0
7350	100.0	-1440.0	4.0	0.0	34.2	33.0
7351	120.0	-1440.0	4.0	0.0	34.2	33.0
7352	140.0	-1440.0	4.0	0.0	32.1	31.0
7353	160.0	-1440.0	4.0	0.0	23.1	22.6



7373	560.0	-1440.0	4.0	0.0	36.7	35.1
7374	580.0	-1440.0	4.0	0.0	36.4	35.2
7375	600.0	-1440.0	4.0	0.0	36.6	35.5
7376	620.0	-1440.0	4.0	0.0	28.1	27.0
7381	720.0	-1440.0	4.0	0.0	31.4	29.8
7382	740.0	-1440.0	4.0	0.0	27.3	25.8
7383	760.0	-1440.0	4.0	0.0	22.5	21.5
7390	900.0	-1440.0	4.0	0.0	20.6	19.0
7391	920.0	-1440.0	4.0	0.0	20.6	19.0
7392	940.0	-1440.0	4.0	0.0	20.1	18.6
7393	960.0	-1440.0	4.0	0.0	32.2	31.7
7394	980.0	-1440.0	4.0	0.0	33.6	33.1
7395	1000.0	-1440.0	4.0	0.0	32.9	32.2
7396	1020.0	-1440.0	4.0	0.0	30.7	29.9
7397	1040.0	-1440.0	4.0	0.0	31.1	30.9
7398	1060.0	-1440.0	4.0	0.0	29.9	29.4
7399	1080.0	-1440.0	4.0	0.0	29.7	29.3
7400	1100.0	-1440.0	4.0	0.0	29.5	28.6
7401	1120.0	-1440.0	4.0	0.0	26.1	25.3
7402	1140.0	-1440.0	4.0	0.0	25.5	24.9
7403	1160.0	-1440.0	4.0	0.0	25.3	24.7
7404	1180.0	-1440.0	4.0	0.0	25.0	24.3
7405	1200.0	-1440.0	4.0	0.0	24.9	24.2
7406	1220.0	-1440.0	4.0	0.0	25.4	24.6
7407	1240.0	-1440.0	4.0	0.0	30.6	30.4
7408	1260.0	-1440.0	4.0	0.0	29.4	28.7
7409	1280.0	-1440.0	4.0	0.0	29.0	28.5
7410	1300.0	-1440.0	4.0	0.0	31.2	30.1
7411	1320.0	-1440.0	4.0	0.0	31.5	30.6
7412	1340.0	-1440.0	4.0	0.0	30.7	29.9
7413	1360.0	-1440.0	4.0	0.0	30.5	30.0
7414	1380.0	-1440.0	4.0	0.0	29.3	28.8
7415	1400.0	-1440.0	4.0	0.0	27.2	26.6
7416	1420.0	-1440.0	4.0	0.0	25.5	24.8
7417	1440.0	-1440.0	4.0	0.0	26.8	24.7
7418	1460.0	-1440.0	4.0	0.0	26.5	25.0
7419	1480.0	-1440.0	4.0	0.0	25.9	24.5
7420	1500.0	-1440.0	4.0	0.0	25.4	24.4
7421	1520.0	-1440.0	4.0	0.0	25.1	24.4
7422	1540.0	-1440.0	4.0	0.0	25.5	24.9
7423	1560.0	-1440.0	4.0	0.0	25.2	24.5
7424	1580.0	-1440.0	4.0	0.0	25.1	24.5
7425	1600.0	-1440.0	4.0	0.0	24.9	24.2
7426	1620.0	-1440.0	4.0	0.0	24.7	24.0
7427	1640.0	-1440.0	4.0	0.0	24.6	23.8
7428	1660.0	-1440.0	4.0	0.0	24.4	23.7
7429	1680.0	-1440.0	4.0	0.0	24.3	23.6
7430	1700.0	-1440.0	4.0	0.0	24.4	23.6
7431	1720.0	-1440.0	4.0	0.0	24.3	23.5
7432	1740.0	-1440.0	4.0	0.0	24.4	23.5
7433	1760.0	-1440.0	4.0	0.0	24.2	23.3
7434	1780.0	-1440.0	4.0	0.0	24.0	23.1
7435	1800.0	-1440.0	4.0	0.0	23.8	22.8
7436	1820.0	-1440.0	4.0	0.0	23.8	22.8
7437	1840.0	-1440.0	4.0	0.0	23.7	22.6
7438	1860.0	-1440.0	4.0	0.0	23.6	22.4
7439	1880.0	-1440.0	4.0	0.0	23.5	22.3
7440	1900.0	-1440.0	4.0	0.0	23.5	22.2
7441	1920.0	-1440.0	4.0	0.0	23.4	22.1
7442	1940.0	-1440.0	4.0	0.0	23.3	22.0
7443	1960.0	-1440.0	4.0	0.0	22.8	21.6
7444	1980.0	-1440.0	4.0	0.0	22.5	21.3
7445	2000.0	-1440.0	4.0	0.0	22.2	21.0
7446	2020.0	-1440.0	4.0	0.0	22.1	20.9
7447	0.0	-1460.0	4.0	0.0	33.6	32.5
7448	20.0	-1460.0	4.0	0.0	33.7	32.5
7449	40.0	-1460.0	4.0	0.0	33.8	32.7
7450	60.0	-1460.0	4.0	0.0	33.9	32.7
7451	80.0	-1460.0	4.0	0.0	34.0	32.8
7452	100.0	-1460.0	4.0	0.0	34.0	32.7
7453	120.0	-1460.0	4.0	0.0	33.6	32.6
7454	140.0	-1460.0	4.0	0.0	30.9	30.1
7455	160.0	-1460.0	4.0	0.0	23.6	23.1
7475	560.0	-1460.0	4.0	0.0	36.5	34.9

7476	580.0	-1460.0	4.0	0.0	36.2	35.0
7477	600.0	-1460.0	4.0	0.0	35.6	34.4
7478	620.0	-1460.0	4.0	0.0	26.0	24.5
7483	720.0	-1460.0	4.0	0.0	32.0	30.5
7484	740.0	-1460.0	4.0	0.0	28.3	25.9
7485	760.0	-1460.0	4.0	0.0	23.8	22.9
7488	820.0	-1460.0	4.0	0.0	20.2	18.7
7489	840.0	-1460.0	4.0	0.0	20.3	18.7
7490	860.0	-1460.0	4.0	0.0	20.3	18.7
7491	880.0	-1460.0	4.0	0.0	20.3	18.8
7492	900.0	-1460.0	4.0	0.0	20.7	19.2
7493	920.0	-1460.0	4.0	0.0	21.1	19.6
7494	940.0	-1460.0	4.0	0.0	21.2	19.7
7495	960.0	-1460.0	4.0	0.0	32.0	31.5
7496	980.0	-1460.0	4.0	0.0	33.6	33.0
7497	1000.0	-1460.0	4.0	0.0	32.9	32.2
7498	1020.0	-1460.0	4.0	0.0	31.2	30.4
7499	1040.0	-1460.0	4.0	0.0	32.0	31.4
7500	1060.0	-1460.0	4.0	0.0	29.7	29.2
7501	1080.0	-1460.0	4.0	0.0	28.0	27.4
7502	1100.0	-1460.0	4.0	0.0	30.1	28.9
7503	1120.0	-1460.0	4.0	0.0	26.9	25.8
7504	1140.0	-1460.0	4.0	0.0	25.2	24.6
7505	1160.0	-1460.0	4.0	0.0	25.3	24.7
7506	1180.0	-1460.0	4.0	0.0	24.8	24.2
7507	1200.0	-1460.0	4.0	0.0	24.7	24.0
7508	1220.0	-1460.0	4.0	0.0	25.1	24.3
7509	1240.0	-1460.0	4.0	0.0	30.7	30.5
7510	1260.0	-1460.0	4.0	0.0	30.3	29.7
7511	1280.0	-1460.0	4.0	0.0	28.7	28.1
7512	1300.0	-1460.0	4.0	0.0	31.0	30.7
7513	1320.0	-1460.0	4.0	0.0	31.6	30.6
7514	1340.0	-1460.0	4.0	0.0	30.0	29.0
7515	1360.0	-1460.0	4.0	0.0	30.4	29.8
7516	1380.0	-1460.0	4.0	0.0	29.1	28.4
7517	1400.0	-1460.0	4.0	0.0	27.4	26.6
7518	1420.0	-1460.0	4.0	0.0	25.3	24.6
7519	1440.0	-1460.0	4.0	0.0	26.3	24.6
7520	1460.0	-1460.0	4.0	0.0	26.7	24.6
7521	1480.0	-1460.0	4.0	0.0	26.6	25.2
7522	1500.0	-1460.0	4.0	0.0	25.3	23.8
7523	1520.0	-1460.0	4.0	0.0	25.2	24.1
7524	1540.0	-1460.0	4.0	0.0	25.1	24.4
7525	1560.0	-1460.0	4.0	0.0	25.5	24.9
7526	1580.0	-1460.0	4.0	0.0	25.1	24.4
7527	1600.0	-1460.0	4.0	0.0	24.9	24.2
7528	1620.0	-1460.0	4.0	0.0	24.6	23.9
7529	1640.0	-1460.0	4.0	0.0	24.5	23.7
7530	1660.0	-1460.0	4.0	0.0	24.3	23.5
7531	1680.0	-1460.0	4.0	0.0	24.2	23.4
7532	1700.0	-1460.0	4.0	0.0	24.1	23.3
7533	1720.0	-1460.0	4.0	0.0	24.2	23.4
7534	1740.0	-1460.0	4.0	0.0	24.1	23.3
7535	1760.0	-1460.0	4.0	0.0	23.8	22.9
7536	1780.0	-1460.0	4.0	0.0	23.7	22.7
7537	1800.0	-1460.0	4.0	0.0	23.7	22.6
7538	1820.0	-1460.0	4.0	0.0	23.6	22.6
7539	1840.0	-1460.0	4.0	0.0	23.6	22.5
7540	1860.0	-1460.0	4.0	0.0	23.5	22.3
7541	1880.0	-1460.0	4.0	0.0	23.4	22.2
7542	1900.0	-1460.0	4.0	0.0	23.3	22.0
7543	1920.0	-1460.0	4.0	0.0	23.2	21.9
7544	1940.0	-1460.0	4.0	0.0	23.1	21.8
7545	1960.0	-1460.0	4.0	0.0	23.1	21.7
7546	1980.0	-1460.0	4.0	0.0	22.6	21.4
7547	2000.0	-1460.0	4.0	0.0	22.4	21.2
7548	2020.0	-1460.0	4.0	0.0	22.1	20.8
7549	0.0	-1480.0	4.0	0.0	33.4	32.2
7550	20.0	-1480.0	4.0	0.0	33.5	32.3
7551	40.0	-1480.0	4.0	0.0	33.6	32.3
7552	60.0	-1480.0	4.0	0.0	33.7	32.5
7553	80.0	-1480.0	4.0	0.0	33.7	32.5
7554	100.0	-1480.0	4.0	0.0	33.8	32.6
7555	120.0	-1480.0	4.0	0.0	33.4	32.3

7556	140.0	-1480.0	4.0	0.0	30.9	30.1
7557	160.0	-1480.0	4.0	0.0	24.2	23.8
7577	560.0	-1480.0	4.0	0.0	36.3	34.8
7578	580.0	-1480.0	4.0	0.0	36.1	34.9
7579	600.0	-1480.0	4.0	0.0	34.7	33.5
7580	620.0	-1480.0	4.0	0.0	24.5	22.3
7585	720.0	-1480.0	4.0	0.0	32.5	31.1
7586	740.0	-1480.0	4.0	0.0	29.0	27.4
7587	760.0	-1480.0	4.0	0.0	27.0	21.7
7588	780.0	-1480.0	4.0	0.0	22.1	21.3
7589	800.0	-1480.0	4.0	0.0	20.0	18.5
7590	820.0	-1480.0	4.0	0.0	20.5	19.0
7591	840.0	-1480.0	4.0	0.0	21.0	19.5
7592	860.0	-1480.0	4.0	0.0	21.6	20.1
7593	880.0	-1480.0	4.0	0.0	22.2	20.7
7594	900.0	-1480.0	4.0	0.0	22.8	21.3
7595	920.0	-1480.0	4.0	0.0	23.2	21.8
7596	940.0	-1480.0	4.0	0.0	23.5	22.0
7597	960.0	-1480.0	4.0	0.0	31.8	31.4
7598	980.0	-1480.0	4.0	0.0	33.4	32.8
7599	1000.0	-1480.0	4.0	0.0	32.8	32.1
7600	1020.0	-1480.0	4.0	0.0	31.5	30.7
7601	1040.0	-1480.0	4.0	0.0	32.0	31.4
7602	1060.0	-1480.0	4.0	0.0	29.5	29.0
7603	1080.0	-1480.0	4.0	0.0	27.8	27.3
7604	1100.0	-1480.0	4.0	0.0	29.6	29.1
7605	1120.0	-1480.0	4.0	0.0	27.7	26.0
7606	1140.0	-1480.0	4.0	0.0	24.9	24.3
7607	1160.0	-1480.0	4.0	0.0	25.3	24.7
7608	1180.0	-1480.0	4.0	0.0	24.7	24.0
7609	1200.0	-1480.0	4.0	0.0	24.6	23.8
7610	1220.0	-1480.0	4.0	0.0	24.8	24.0
7611	1240.0	-1480.0	4.0	0.0	26.6	26.1
7612	1260.0	-1480.0	4.0	0.0	29.5	29.0
7613	1280.0	-1480.0	4.0	0.0	28.4	27.7
7614	1300.0	-1480.0	4.0	0.0	29.1	28.5
7615	1320.0	-1480.0	4.0	0.0	29.8	29.4
7616	1340.0	-1480.0	4.0	0.0	31.3	30.1
7617	1360.0	-1480.0	4.0	0.0	29.8	28.6
7618	1380.0	-1480.0	4.0	0.0	30.2	29.5
7619	1400.0	-1480.0	4.0	0.0	28.8	28.2
7620	1420.0	-1480.0	4.0	0.0	27.2	26.3
7621	1440.0	-1480.0	4.0	0.0	25.2	24.5
7622	1460.0	-1480.0	4.0	0.0	26.2	24.5
7623	1480.0	-1480.0	4.0	0.0	26.7	24.7
7624	1500.0	-1480.0	4.0	0.0	26.1	24.5
7625	1520.0	-1480.0	4.0	0.0	25.4	23.9
7626	1540.0	-1480.0	4.0	0.0	25.0	23.9
7627	1560.0	-1480.0	4.0	0.0	25.2	24.5
7628	1580.0	-1480.0	4.0	0.0	25.4	24.8
7629	1600.0	-1480.0	4.0	0.0	24.8	24.1
7630	1620.0	-1480.0	4.0	0.0	24.6	23.8
7631	1640.0	-1480.0	4.0	0.0	24.4	23.6
7632	1660.0	-1480.0	4.0	0.0	24.2	23.4
7633	1680.0	-1480.0	4.0	0.0	24.1	23.3
7634	1700.0	-1480.0	4.0	0.0	23.9	23.1
7635	1720.0	-1480.0	4.0	0.0	24.0	23.1
7636	1740.0	-1480.0	4.0	0.0	24.0	23.1
7637	1760.0	-1480.0	4.0	0.0	23.6	22.6
7638	1780.0	-1480.0	4.0	0.0	23.3	22.2
7639	1800.0	-1480.0	4.0	0.0	23.3	22.3
7640	1820.0	-1480.0	4.0	0.0	23.4	22.4
7641	1840.0	-1480.0	4.0	0.0	23.4	22.3
7642	1860.0	-1480.0	4.0	0.0	23.3	22.2
7643	1880.0	-1480.0	4.0	0.0	23.2	22.1
7644	1900.0	-1480.0	4.0	0.0	23.1	21.9
7645	1920.0	-1480.0	4.0	0.0	23.1	21.8
7646	1940.0	-1480.0	4.0	0.0	23.0	21.7
7647	1960.0	-1480.0	4.0	0.0	38.1	38.1
7648	1980.0	-1480.0	4.0	0.0	22.9	21.5
7649	2000.0	-1480.0	4.0	0.0	22.7	21.3
7650	2020.0	-1480.0	4.0	0.0	22.2	21.0
7651	0.0	-1500.0	4.0	0.0	33.2	32.0
7652	20.0	-1500.0	4.0	0.0	33.3	32.0

7653	40.0	-1500.0	4.0	0.0	33.3	32.0
7654	60.0	-1500.0	4.0	0.0	33.5	32.2
7655	80.0	-1500.0	4.0	0.0	33.6	32.3
7656	100.0	-1500.0	4.0	0.0	33.6	32.4
7657	120.0	-1500.0	4.0	0.0	33.3	32.2
7658	140.0	-1500.0	4.0	0.0	31.1	30.3
7659	160.0	-1500.0	4.0	0.0	25.0	24.6
7660	180.0	-1500.0	4.0	0.0	24.3	24.1
7661	200.0	-1500.0	4.0	0.0	25.4	25.2
7662	220.0	-1500.0	4.0	0.0	25.7	25.4
7663	240.0	-1500.0	4.0	0.0	24.6	24.3
7664	260.0	-1500.0	4.0	0.0	22.5	22.0
7665	280.0	-1500.0	4.0	0.0	20.4	19.4
7666	300.0	-1500.0	4.0	0.0	20.7	19.8
7667	320.0	-1500.0	4.0	0.0	20.7	19.8
7668	340.0	-1500.0	4.0	0.0	21.3	20.4
7669	360.0	-1500.0	4.0	0.0	21.3	20.4
7670	380.0	-1500.0	4.0	0.0	27.4	27.2
7671	400.0	-1500.0	4.0	0.0	25.6	25.2
7672	420.0	-1500.0	4.0	0.0	24.2	23.7
7673	440.0	-1500.0	4.0	0.0	23.6	23.0
7674	460.0	-1500.0	4.0	0.0	23.5	22.8
7675	480.0	-1500.0	4.0	0.0	29.4	29.2
7676	500.0	-1500.0	4.0	0.0	26.5	26.2
7677	520.0	-1500.0	4.0	0.0	25.9	25.5
7678	540.0	-1500.0	4.0	0.0	26.1	25.6
7679	560.0	-1500.0	4.0	0.0	35.7	34.5
7680	580.0	-1500.0	4.0	0.0	35.9	34.8
7681	600.0	-1500.0	4.0	0.0	34.5	33.3
7682	620.0	-1500.0	4.0	0.0	28.0	27.2
7687	720.0	-1500.0	4.0	0.0	32.9	31.5
7688	740.0	-1500.0	4.0	0.0	30.1	28.6
7689	760.0	-1500.0	4.0	0.0	24.9	21.9
7690	780.0	-1500.0	4.0	0.0	23.4	22.5
7691	800.0	-1500.0	4.0	0.0	23.4	22.4
7692	820.0	-1500.0	4.0	0.0	22.7	21.2
7693	840.0	-1500.0	4.0	0.0	23.3	21.8
7694	860.0	-1500.0	4.0	0.0	23.9	22.5
7695	880.0	-1500.0	4.0	0.0	24.5	23.1
7696	900.0	-1500.0	4.0	0.0	25.2	23.8
7697	920.0	-1500.0	4.0	0.0	25.6	24.2
7698	940.0	-1500.0	4.0	0.0	26.0	24.5
7699	960.0	-1500.0	4.0	0.0	31.9	31.3
7700	980.0	-1500.0	4.0	0.0	33.2	32.6
7701	1000.0	-1500.0	4.0	0.0	32.6	32.0
7702	1020.0	-1500.0	4.0	0.0	31.7	31.0
7703	1040.0	-1500.0	4.0	0.0	32.1	31.4
7704	1060.0	-1500.0	4.0	0.0	30.4	29.4
7705	1080.0	-1500.0	4.0	0.0	27.6	27.0
7706	1100.0	-1500.0	4.0	0.0	29.7	29.4
7707	1120.0	-1500.0	4.0	0.0	27.4	26.5
7708	1140.0	-1500.0	4.0	0.0	25.1	24.0
7709	1160.0	-1500.0	4.0	0.0	24.4	23.6
7710	1180.0	-1500.0	4.0	0.0	24.6	23.9
7711	1200.0	-1500.0	4.0	0.0	24.4	23.7
7712	1220.0	-1500.0	4.0	0.0	24.6	23.8
7713	1240.0	-1500.0	4.0	0.0	24.8	24.1
7714	1260.0	-1500.0	4.0	0.0	29.4	29.1
7715	1280.0	-1500.0	4.0	0.0	29.2	28.6
7716	1300.0	-1500.0	4.0	0.0	28.1	27.5
7717	1320.0	-1500.0	4.0	0.0	30.1	29.7
7718	1340.0	-1500.0	4.0	0.0	30.5	30.1
7719	1360.0	-1500.0	4.0	0.0	29.8	28.5
7720	1380.0	-1500.0	4.0	0.0	30.1	29.3
7721	1400.0	-1500.0	4.0	0.0	29.0	28.1
7722	1420.0	-1500.0	4.0	0.0	27.2	26.3
7723	1440.0	-1500.0	4.0	0.0	26.7	26.0
7724	1460.0	-1500.0	4.0	0.0	25.0	24.3
7725	1480.0	-1500.0	4.0	0.0	26.1	24.4
7726	1500.0	-1500.0	4.0	0.0	26.3	24.1
7727	1520.0	-1500.0	4.0	0.0	25.5	23.7
7728	1540.0	-1500.0	4.0	0.0	25.2	23.7
7729	1560.0	-1500.0	4.0	0.0	25.2	24.2
7730	1580.0	-1500.0	4.0	0.0	25.0	24.3

7731	1600.0	-1500.0	4.0	0.0	25.1	24.4
7732	1620.0	-1500.0	4.0	0.0	24.5	23.8
7733	1640.0	-1500.0	4.0	0.0	24.3	23.6
7734	1660.0	-1500.0	4.0	0.0	24.1	23.3
7735	1680.0	-1500.0	4.0	0.0	24.0	23.2
7736	1700.0	-1500.0	4.0	0.0	23.8	23.0
7737	1720.0	-1500.0	4.0	0.0	23.7	22.9
7738	1740.0	-1500.0	4.0	0.0	23.7	22.8
7739	1760.0	-1500.0	4.0	0.0	23.4	22.5
7740	1780.0	-1500.0	4.0	0.0	23.0	22.0
7741	1800.0	-1500.0	4.0	0.0	23.1	22.0
7742	1820.0	-1500.0	4.0	0.0	23.1	22.0
7743	1840.0	-1500.0	4.0	0.0	23.2	22.1
7744	1860.0	-1500.0	4.0	0.0	23.1	22.0
7745	1880.0	-1500.0	4.0	0.0	23.1	22.0
7746	1900.0	-1500.0	4.0	0.0	23.0	21.8
7747	1920.0	-1500.0	4.0	0.0	22.9	21.7
7748	1940.0	-1500.0	4.0	0.0	22.8	21.5
7749	1960.0	-1500.0	4.0	0.0	22.8	21.4
7750	1980.0	-1500.0	4.0	0.0	22.7	21.3
7751	2000.0	-1500.0	4.0	0.0	22.6	21.3
7752	2020.0	-1500.0	4.0	0.0	22.5	21.1
7753	0.0	-1520.0	4.0	0.0	33.0	31.8
7754	20.0	-1520.0	4.0	0.0	33.0	31.7
7755	40.0	-1520.0	4.0	0.0	33.2	31.9
7756	60.0	-1520.0	4.0	0.0	33.3	32.0
7757	80.0	-1520.0	4.0	0.0	33.4	32.1
7758	100.0	-1520.0	4.0	0.0	33.5	32.2
7759	120.0	-1520.0	4.0	0.0	33.3	32.2
7760	140.0	-1520.0	4.0	0.0	31.3	30.5
7761	160.0	-1520.0	4.0	0.0	29.0	28.4
7762	180.0	-1520.0	4.0	0.0	29.4	28.9
7763	200.0	-1520.0	4.0	0.0	29.6	29.1
7764	220.0	-1520.0	4.0	0.0	29.4	28.8
7765	240.0	-1520.0	4.0	0.0	28.9	28.3
7766	260.0	-1520.0	4.0	0.0	28.4	27.7
7767	280.0	-1520.0	4.0	0.0	28.4	27.6
7768	300.0	-1520.0	4.0	0.0	28.4	27.6
7769	320.0	-1520.0	4.0	0.0	28.5	27.7
7770	340.0	-1520.0	4.0	0.0	28.7	27.9
7771	360.0	-1520.0	4.0	0.0	29.2	28.5
7772	380.0	-1520.0	4.0	0.0	30.1	29.5
7773	400.0	-1520.0	4.0	0.0	29.6	29.0
7774	420.0	-1520.0	4.0	0.0	29.5	28.8
7775	440.0	-1520.0	4.0	0.0	29.5	28.8
7776	460.0	-1520.0	4.0	0.0	29.6	28.8
7777	480.0	-1520.0	4.0	0.0	31.1	30.5
7778	500.0	-1520.0	4.0	0.0	30.4	29.7
7779	520.0	-1520.0	4.0	0.0	30.4	29.8
7780	540.0	-1520.0	4.0	0.0	32.2	31.4
7781	560.0	-1520.0	4.0	0.0	35.5	34.3
7782	580.0	-1520.0	4.0	0.0	36.1	34.6
7783	600.0	-1520.0	4.0	0.0	34.5	33.4
7784	620.0	-1520.0	4.0	0.0	29.7	29.1
7785	640.0	-1520.0	4.0	0.0	23.7	23.3
7786	660.0	-1520.0	4.0	0.0	21.9	21.1
7787	680.0	-1520.0	4.0	0.0	21.5	20.8
7788	700.0	-1520.0	4.0	0.0	21.1	20.2
7789	720.0	-1520.0	4.0	0.0	33.2	31.8
7790	740.0	-1520.0	4.0	0.0	30.9	29.6
7791	760.0	-1520.0	4.0	0.0	26.7	24.2
7792	780.0	-1520.0	4.0	0.0	24.8	22.5
7793	800.0	-1520.0	4.0	0.0	25.7	24.7
7794	820.0	-1520.0	4.0	0.0	25.7	24.5
7795	840.0	-1520.0	4.0	0.0	25.7	24.3
7796	860.0	-1520.0	4.0	0.0	26.3	25.0
7797	880.0	-1520.0	4.0	0.0	26.9	25.6
7798	900.0	-1520.0	4.0	0.0	27.6	26.3
7799	920.0	-1520.0	4.0	0.0	27.9	26.6
7800	940.0	-1520.0	4.0	0.0	28.2	26.9
7801	960.0	-1520.0	4.0	0.0	32.0	31.3
7802	980.0	-1520.0	4.0	0.0	33.0	32.3
7803	1000.0	-1520.0	4.0	0.0	32.5	31.8
7804	1020.0	-1520.0	4.0	0.0	31.9	31.2

7805	1040.0	-1520.0	4.0	0.0	32.2	31.4
7806	1060.0	-1520.0	4.0	0.0	30.4	29.3
7807	1080.0	-1520.0	4.0	0.0	34.0	33.3
7808	1100.0	-1520.0	4.0	0.0	33.3	32.4
7809	1120.0	-1520.0	4.0	0.0	31.9	30.9
7810	1140.0	-1520.0	4.0	0.0	33.3	32.8
7811	1160.0	-1520.0	4.0	0.0	34.7	34.2
7812	1180.0	-1520.0	4.0	0.0	35.3	34.7
7813	1200.0	-1520.0	4.0	0.0	35.0	34.4
7814	1220.0	-1520.0	4.0	0.0	34.9	34.3
7815	1240.0	-1520.0	4.0	0.0	34.8	34.2
7816	1260.0	-1520.0	4.0	0.0	34.4	33.7
7817	1280.0	-1520.0	4.0	0.0	34.0	33.1
7818	1300.0	-1520.0	4.0	0.0	33.7	32.8
7819	1320.0	-1520.0	4.0	0.0	33.5	32.5
7820	1340.0	-1520.0	4.0	0.0	33.2	32.2
7821	1360.0	-1520.0	4.0	0.0	33.9	33.1
7822	1380.0	-1520.0	4.0	0.0	33.7	33.1
7823	1400.0	-1520.0	4.0	0.0	33.6	33.1
7824	1420.0	-1520.0	4.0	0.0	33.8	33.2
7825	1440.0	-1520.0	4.0	0.0	34.5	33.8
7826	1460.0	-1520.0	4.0	0.0	35.0	34.3
7827	1480.0	-1520.0	4.0	0.0	35.2	34.5
7828	1500.0	-1520.0	4.0	0.0	34.8	34.1
7829	1520.0	-1520.0	4.0	0.0	35.1	34.5
7830	1540.0	-1520.0	4.0	0.0	34.6	34.0
7831	1560.0	-1520.0	4.0	0.0	34.8	34.2
7832	1580.0	-1520.0	4.0	0.0	25.2	23.9
7833	1600.0	-1520.0	4.0	0.0	24.9	24.2
7834	1620.0	-1520.0	4.0	0.0	24.7	24.0
7835	1640.0	-1520.0	4.0	0.0	24.3	23.5
7836	1660.0	-1520.0	4.0	0.0	24.1	23.3
7837	1680.0	-1520.0	4.0	0.0	23.9	23.1
7838	1700.0	-1520.0	4.0	0.0	23.7	22.9
7839	1720.0	-1520.0	4.0	0.0	23.6	22.7
7840	1740.0	-1520.0	4.0	0.0	23.2	22.2
7841	1760.0	-1520.0	4.0	0.0	23.3	22.3
7842	1780.0	-1520.0	4.0	0.0	22.9	21.8
7843	1800.0	-1520.0	4.0	0.0	22.8	21.7
7844	1820.0	-1520.0	4.0	0.0	22.8	21.7
7845	1840.0	-1520.0	4.0	0.0	22.9	21.8
7846	1860.0	-1520.0	4.0	0.0	23.0	21.9
7847	1880.0	-1520.0	4.0	0.0	22.9	21.8
7848	1900.0	-1520.0	4.0	0.0	22.9	21.7
7849	1920.0	-1520.0	4.0	0.0	22.8	21.6
7850	1940.0	-1520.0	4.0	0.0	22.7	21.4
7851	1960.0	-1520.0	4.0	0.0	22.6	21.3
7852	1980.0	-1520.0	4.0	0.0	22.5	21.2
7853	2000.0	-1520.0	4.0	0.0	22.5	21.1
7854	2020.0	-1520.0	4.0	0.0	22.4	21.0
P1	660.7	-77.1	4.0	0.0	37.1	35.5
P2	571.9	-91.6	4.0	0.0	38.5	37.2
P3	459.4	-92.2	4.0	0.0	39.5	38.9
P4	377.2	-89.1	4.0	0.0	39.6	38.8
P5	353.9	-131.1	4.0	0.0	40.2	39.5
P6	85.2	-167.6	4.0	0.0	37.4	36.8
P7	38.7	-284.5	4.0	0.0	41.2	41.0
P8	1958.1	-1478.1	4.0	0.0	38.1	38.1

LAeq , dzień: wartość największa występuje w punkcie (1060,-740,4.0)

i wynosi 74.5 dB(A)

LAeq , noc: wartość największa występuje w punkcie (720,-740,4.0)

i wynosi 59.6 dB(A)

Koniec obliczeń