

Aika-askel	Vuosi	Kuukausi	Päivä	Aika	Lämpötila(°C)	Suhteellinen_kosteus(%)	Tuulen_suunta(astetta)	Tuulen_nopeus(m/s)	Suora_säteily_kohtisuoralle_pinnalle(W/m2)	Hajasäteily_vaakapinnalle(W/m2)	Kokonaissäteily_vaakapinnalle(W/m2)
Tidssteg	År	Månad	Dag	Tid	Temperatur(°C)	Relativ_fuktighet(%)	Vindriktning(grader)	Vindhastighet(m/s)	Direkt_strålning_på_normalyta(W/m2)	Diffus_strålning_på_vågrät_yta(W/m2)	Global_strålning_på_vågrät_yta(W/m2)
Timestep	Year	Month	Day	Time	Temperature(°C)	Relative_humidity(%)	Wind_direction(degrees)	Wind_speed(m/s)	Direct_normal_solar_radiation(W/m2)	Diffuse_horisontal_radiation(W/m2)	Global_horisontal_radiation(W/m2)
1	2050	1	1	0	-13.5	87.71	192.22	1.16	0	0	0
2	2050	1	1	100	-14.86	86.56	191.2	2.15	0	0	0
3	2050	1	1	200	-15.97	85.63	181.94	2.14	0	0	0
4	2050	1	1	300	-16.82	84.93	181.33	3.14	0	0	0
5	2050	1	1	400	-17.5	84.37	181.33	3.14	0	0	0
6	2050	1	1	500	-17.92	84.02	181.01	4.13	0	0	0
7	2050	1	1	600	-18.09	83.88	171.8	3.12	0	0	0
8	2050	1	1	700	-18.01	83.95	163.27	2.11	0	0	0
9	2050	1	1	800	-19.63	82.64	157.28	1.1	0	0	0
10	2050	1	1	900	-17.75	84.16	157.28	1.1	0	0	0
11	2050	1	1	1000	-15.8	85.77	144.28	2.07	0	0	0
12	2050	1	1	1100	-13.92	87.35	144.28	2.07	0	0	0
13	2050	1	1	1200	-13.33	87.86	144.28	2.07	0	1.75	1.75
14	2050	1	1	1300	-12.65	88.44	148.23	1.08	0	0.74	0.74
15	2050	1	1	1400	-12.05	88.93	148.23	1.08	0	0	0
16	2050	1	1	1500	-11.2	89.08	129.51	1.02	0	0	0
17	2050	1	1	1600	-10.27	89.96	114.89	1.98	0	0	0
18	2050	1	1	1700	-9.41	90.11	94.57	1.92	0	0	0
19	2050	1	1	1800	-8.99	90.19	103.18	2.94	0	0	0
20	2050	1	1	1900	-8.48	90.29	113.25	2.97	0	0	0
21	2050	1	1	2000	-8.05	90.36	122.42	3.99	0	0	0
22	2050	1	1	2100	-7.97	90.38	122.42	3.99	0	0	0
23	2050	1	1	2200	-7.97	91.09	113.25	2.97	0	0	0
24	2050	1	1	2300	-7.88	91.11	113.25	2.97	0	0	0
25	2050	1	2	0	-7.97	90.38	113.25	2.97	0	0	0
26	2050	1	2	100	-8.05	90.36	123.23	3	0	0	0
27	2050	1	2	200	-8.14	89.63	123.23	3	0	0	0
28	2050	1	2	300	-8.31	89.6	113.25	2.97	0	0	0
29	2050	1	2	400	-8.56	89.55	104.81	1.95	0	0	0
30	2050	1	2	500	-8.73	89.52	94.57	1.92	0	0	0
31	2050	1	2	600	-8.65	89.54	94.57	1.92	0	0	0
32	2050	1	2	700	-8.48	90.29	104.81	1.95	0	0	0
33	2050	1	2	800	-8.39	90.3	104.81	1.95	0	0	0
34	2050	1	2	900	-8.14	90.35	94.57	1.92	0	0	0
35	2050	1	2	1000	-7.8	91.12	99.43	0.93	0	0	0
36	2050	1	2	1100	-7.54	91.17	88.77	0.91	0	0	0
37	2050	1	2	1200	-7.37	91.2	88.77	0.91	0	0	0
38	2050	1	2	1300	-7.12	91.25	77.76	0.88	0	1.75	1.75
39	2050	1	2	1400	-6.95	91.29	77.76	0.88	0	0.74	0.74
40	2050	1	2	1500	-6.86	91.3	88.77	0.91	0	0	0
41	2050	1	2	1600	-6.86	90.59	84.18	1.9	0	0	0
42	2050	1	2	1700	-6.78	90.61	94.57	1.92	0	0	0
43	2050	1	2	1800	-6.69	90.62	94.57	1.92	0	0	0
44	2050	1	2	1900	-6.69	90.62	88.77	0.91	0	0	0
45	2050	1	2	2000	-6.61	90.64	88.77	0.91	0	0	0
46	2050	1	2	2100	-6.52	90.66	66.43	0.86	0	0	0
47	2050	1	2	2200	-6.35	91.4	205.36	0.17	0	0	0
48	2050	1	2	2300	-6.27	91.42	205.36	0.17	0	0	0
49	2050	1	3	0	-6.27	91.42	205.36	0.17	0	0	0
50	2050	1	3	100	-6.35	91.4	6.91	0.83	0	0	0
51	2050	1	3	200	-6.35	91.4	18.9	0.83	0	0	0
52	2050	1	3	300	-6.35	91.4	6.91	0.83	0	0	0
53	2050	1	3	400	-6.44	91.38	6.91	0.83	0	0	0
54	2050	1	3	500	-6.44	91.38	355.07	0.84	0	0	0
55	2050	1	3	600	-6.44	91.38	355.07	0.84	0	0	0
56	2050	1	3	700	-6.35	92.11	357.74	1.84	0	0	0
57	2050	1	3	800	-6.35	92.11	357.74	1.84	0	0	0
58	2050	1	3	900	-6.27	92.12	8.59	1.83	0	0	0
59	2050	1	3	1000	-6.27	91.42	6.91	0.83	0	0	0
60	2050	1	3	1100	-6.18	91.43	18.9	0.83	0	0	0
61	2050	1	3	1200	-6.1	91.45	18.9	0.83	0	1.75	1.75

62	2050	1	3	1300	-5.93	91.49	8.59	1.83	0	2.57	2.57
63	2050	1	3	1400	-5.84	91.5	8.59	1.83	0	0.74	0.74
64	2050	1	3	1500	-5.67	91.54	8.59	1.83	0	0	0
65	2050	1	3	1600	-5.59	92.26	9.09	2.82	0	0	0
66	2050	1	3	1700	-5.41	92.29	9.09	2.82	0	0	0
67	2050	1	3	1800	-5.41	92.29	9.09	2.82	0	0	0
68	2050	1	3	1900	-5.33	92.31	358.53	2.83	0	0	0
69	2050	1	3	2000	-5.33	92.31	358.53	2.83	0	0	0
70	2050	1	3	2100	-5.07	92.36	358.53	2.83	0	0	0
71	2050	1	3	2200	-4.9	93.1	358.53	2.83	0	0	0
72	2050	1	3	2300	-4.65	93.15	358.53	2.83	0	0	0
73	2050	1	4	0	-4.48	93.19	9.09	2.82	0	0	0
74	2050	1	4	100	-4.31	93.22	9.33	3.81	0	0	0
75	2050	1	4	200	-4.14	93.26	19.76	3.81	0	0	0
76	2050	1	4	300	-4.31	93.22	358.53	2.83	0	0	0
77	2050	1	4	400	-4.48	93.88	348.03	2.85	0	0	0
78	2050	1	4	500	-4.65	93.85	325.79	1.9	0	0	0
79	2050	1	4	600	-5.07	93.06	336.31	1.87	0	0	0
80	2050	1	4	700	-5.41	93	348.03	2.85	0	0	0
81	2050	1	4	800	-5.84	92.21	358.53	2.83	0	0	0
82	2050	1	4	900	-5.84	92.21	358.53	2.83	0	0	0
83	2050	1	4	1000	-5.76	92.23	348.54	3.84	0	0	0
84	2050	1	4	1100	-5.76	92.23	348.54	3.84	0	0	0
85	2050	1	4	1200	-5.67	92.24	348.54	3.84	0	5.33	5.33
86	2050	1	4	1300	-5.5	92.28	358.53	2.83	0	4.04	4.05
87	2050	1	4	1400	-5.41	92.29	358.53	2.83	0	0.74	0.74
88	2050	1	4	1500	-5.41	92.29	358.53	2.83	0	0	0
89	2050	1	4	1600	-5.41	91.59	346.97	1.85	0	0	0
90	2050	1	4	1700	-5.41	91.59	346.97	1.85	0	0	0
91	2050	1	4	1800	-5.41	91.59	336.31	1.87	0	0	0
92	2050	1	4	1900	-5.33	92.31	336.31	1.87	0	0	0
93	2050	1	4	2000	-5.33	92.31	325.79	1.9	0	0	0
94	2050	1	4	2100	-5.07	92.36	325.79	1.9	0	0	0
95	2050	1	4	2200	-4.73	91.72	337.59	2.87	0	0	0
96	2050	1	4	2300	-4.48	91.78	337.59	2.87	0	0	0
97	2050	1	5	0	-4.9	91.69	327.23	2.89	0	0	0
98	2050	1	5	100	-5.41	92.29	315.41	1.92	0	0	0
99	2050	1	5	200	-5.84	92.21	305.18	1.95	0	0	0
100	2050	1	5	300	-7.29	91.22	295.11	1.98	0	0	0
101	2050	1	5	400	-8.73	90.24	285.19	2.01	0	0	0
102	2050	1	5	500	-10.18	89.26	275.41	2.04	0	0	0
103	2050	1	5	600	-12.31	87.45	275.41	2.04	0	0	0
104	2050	1	5	700	-14.52	86.36	261.83	1.08	0	0	0
105	2050	1	5	800	-16.65	84.57	261.83	1.08	0	0	0
106	2050	1	5	900	-17.67	84.23	290.23	1	0	0	0
107	2050	1	5	1000	-18.69	83.4	205.36	0.17	0	0	0
108	2050	1	5	1100	-19.71	82.57	205.36	0.17	0	0	0
109	2050	1	5	1200	-20.14	82.23	205.36	0.17	0	3.58	3.59
110	2050	1	5	1300	-20.65	81.82	343.47	0.86	0	3.31	3.31
111	2050	1	5	1400	-21.07	81.49	332.16	0.88	0	0.74	0.74
112	2050	1	5	1500	-21.58	81.08	310.53	0.94	0	0	0
113	2050	1	5	1600	-22.01	80.75	280.52	1.02	0	0	0
114	2050	1	5	1700	-22.52	80.35	261.83	1.08	0	0	0
115	2050	1	5	1800	-22.52	80.35	271.06	1.05	0	0	0
116	2050	1	5	1900	-22.52	80.35	290.23	1	0	0	0
117	2050	1	5	2000	-22.52	80.35	300.22	0.97	0	0	0
118	2050	1	5	2100	-21.07	81.49	321.17	0.91	0	0	0
119	2050	1	5	2200	-19.54	82.71	205.36	0.17	0	0	0
120	2050	1	5	2300	-18.09	83.88	205.36	0.17	0	0	0
121	2050	1	6	0	-16.73	85	205.36	0.17	0	0	0
122	2050	1	6	100	-15.37	86.13	343.47	0.86	0	0	0
123	2050	1	6	200	-14.01	87.17	332.16	0.88	0	0	0
124	2050	1	6	300	-13.24	87.93	332.16	0.88	0	0	0
125	2050	1	6	400	-12.56	88.51	343.47	0.86	0	0	0

126	2050	1	6	500	-11.8	89.17	343.47	0.86	0	0	0
127	2050	1	6	600	-12.82	88.29	343.47	0.86	0	0	0
128	2050	1	6	700	-13.92	87.19	343.47	0.86	0	0	0
129	2050	1	6	800	-14.95	86.3	343.47	0.86	0	0	0
130	2050	1	6	900	-16.22	85.37	332.16	0.88	0	0	0
131	2050	1	6	1000	-17.41	84.44	310.53	0.94	0	0	0
132	2050	1	6	1100	-18.69	83.4	300.22	0.97	0	0	0
133	2050	1	6	1200	-18.78	83.33	300.22	0.97	0	5.33	5.33
134	2050	1	6	1300	-18.78	83.33	315.41	1.92	0	7.63	7.63
135	2050	1	6	1400	-18.86	83.26	315.41	1.92	0	2.57	2.57
136	2050	1	6	1500	-17.84	84.09	315.41	1.92	0	0	0
137	2050	1	6	1600	-16.73	85	321.17	0.91	0	0	0
138	2050	1	6	1700	-15.71	85.84	321.17	0.91	0	0	0
139	2050	1	6	1800	-17.16	84.65	332.16	0.88	0	0	0
140	2050	1	6	1900	-18.61	83.46	205.36	0.17	0	0	0
141	2050	1	6	2000	-20.05	82.3	205.36	0.17	0	0	0
142	2050	1	6	2100	-20.82	81.69	205.36	0.17	0	0	0
143	2050	1	6	2200	-21.58	81.08	205.36	0.17	0	0	0
144	2050	1	6	2300	-22.35	80.48	205.36	0.17	0	0	0
145	2050	1	7	0	-22.61	80.28	205.36	0.17	0	0	0
146	2050	1	7	100	-22.95	80.02	205.36	0.17	0	0	0
147	2050	1	7	200	-23.2	79.82	205.36	0.17	0	0	0
148	2050	1	7	300	-23.54	79.55	205.36	0.17	0	0	0
149	2050	1	7	400	-23.88	79.29	205.36	0.17	0	0	0
150	2050	1	7	500	-24.22	79.03	205.36	0.17	0	0	0
151	2050	1	7	600	-24.73	78.64	205.36	0.17	0	0	0
152	2050	1	7	700	-25.24	78.25	205.36	0.17	0	0	0
153	2050	1	7	800	-25.75	77.86	205.36	0.17	0	0	0
154	2050	1	7	900	-26.01	77.67	205.36	0.17	0	0	0
155	2050	1	7	1000	-26.26	77.48	148.23	1.08	0	0	0
156	2050	1	7	1100	-26.52	77.28	166.18	1.12	0	1.75	1.75
157	2050	1	7	1200	-26.52	77.28	166.18	1.12	0	4.32	4.32
158	2050	1	7	1300	-26.43	77.35	157.28	1.1	0	5.15	5.15
159	2050	1	7	1400	-26.43	77.35	157.28	1.1	0	3.31	3.31
160	2050	1	7	1500	-25.58	77.99	166.18	1.12	0	0.74	0.74
161	2050	1	7	1600	-24.65	78.7	163.27	2.11	0	0	0
162	2050	1	7	1700	-23.8	79.36	172.64	2.13	0	0	0
163	2050	1	7	1800	-22.61	80.28	172.64	2.13	0	0	0
164	2050	1	7	1900	-21.5	81.15	166.18	1.12	0	0	0
165	2050	1	7	2000	-20.31	82.09	166.18	1.12	0	0	0
166	2050	1	7	2100	-21.41	81.22	157.28	1.1	0	0	0
167	2050	1	7	2200	-22.61	80.28	153.83	2.09	0	0	0
168	2050	1	7	2300	-23.71	79.42	144.28	2.07	0	0	0
169	2050	1	8	0	-21.24	81.35	163.27	2.11	0	0	0
170	2050	1	8	100	-18.78	83.33	172.64	2.13	0	0	0
171	2050	1	8	200	-16.31	85.35	191.2	2.15	0	0	0
172	2050	1	8	300	-15.46	86.06	190.82	3.15	0	0	0
173	2050	1	8	400	-14.69	86.7	190.62	4.14	0	0	0
174	2050	1	8	500	-13.84	87.2	190.5	5.14	0	0	0
175	2050	1	8	600	-13.84	87.2	190.62	4.14	0	0	0
176	2050	1	8	700	-13.92	87.35	190.82	3.15	0	0	0
177	2050	1	8	800	-13.92	87.35	191.2	2.15	0	0	0
178	2050	1	8	900	-14.01	87.28	181.94	2.14	0	0	0
179	2050	1	8	1000	-14.1	87.16	181.33	3.14	0	0	0
180	2050	1	8	1100	-14.18	87.13	171.8	3.12	0	0	0
181	2050	1	8	1200	-13.07	88.05	190.82	3.15	0	3.31	3.31
182	2050	1	8	1300	-12.05	88.93	228.71	3.14	0	3.31	3.31
183	2050	1	8	1400	-10.95	89.84	247.8	3.11	0	0.74	0.74
184	2050	1	8	1500	-11.37	89.54	228.71	3.14	0	0	0
185	2050	1	8	1600	-11.88	88.96	200.29	3.15	0	0	0
186	2050	1	8	1700	-12.31	88.73	181.33	3.14	0	0	0
187	2050	1	8	1800	-11.8	88.98	200.29	3.15	0	0	0
188	2050	1	8	1900	-11.2	89.69	209.64	2.16	0	0	0
189	2050	1	8	2000	-10.69	89.88	228.11	2.14	0	0	0

190	2050	1	8	2100	-9.5	90.1	237.41	2.13	0	0	0
191	2050	1	8	2200	-8.22	91.04	257.43	3.08	0	0	0
192	2050	1	8	2300	-7.03	91.27	267.13	3.06	0	0	0
193	2050	1	9	0	-7.2	91.24	267.13	3.06	0	0	0
194	2050	1	9	100	-7.37	91.2	276.91	3.03	0	0	0
195	2050	1	9	200	-7.54	91.17	276.91	3.03	0	0	0
196	2050	1	9	300	-8.56	90.98	276.91	3.03	0	0	0
197	2050	1	9	400	-9.58	91.11	285.19	2.01	0	0	0
198	2050	1	9	500	-10.61	90.21	285.19	2.01	0	0	0
199	2050	1	9	600	-12.82	88.29	256.21	2.09	0	0	0
200	2050	1	9	700	-14.95	86.49	192.22	1.16	0	0	0
201	2050	1	9	800	-17.16	84.65	166.18	1.12	0	0	0
202	2050	1	9	900	-17.41	84.44	157.28	1.1	0	0	0
203	2050	1	9	1000	-17.67	84.23	153.83	2.09	0	0	0
204	2050	1	9	1100	-17.92	84.02	144.28	2.07	0	0	0
205	2050	1	9	1200	-15.97	85.63	153.83	2.09	0	3.31	3.31
206	2050	1	9	1300	-13.92	87.35	153.83	2.09	0	5.15	5.15
207	2050	1	9	1400	-11.97	88.95	163.27	2.11	0	1.75	1.75
208	2050	1	9	1500	-11.03	89.82	163.27	2.11	0	0	0
209	2050	1	9	1600	-10.01	90.01	172.64	2.13	0	0	0
210	2050	1	9	1700	-9.07	90.88	172.64	2.13	0	0	0
211	2050	1	9	1800	-8.82	90.93	163.27	2.11	0	0	0
212	2050	1	9	1900	-8.48	91.7	166.18	1.12	0	0	0
213	2050	1	9	2000	-8.22	91.75	157.28	1.1	0	0	0
214	2050	1	9	2100	-7.37	92.61	157.28	1.1	0	0	0
215	2050	1	9	2200	-6.44	93.94	163.27	2.11	0	0	0
216	2050	1	9	2300	-5.59	94.72	163.27	2.11	0	0	0
217	2050	1	10	0	-4.9	95.35	172.64	2.13	0	0	0
218	2050	1	10	100	-4.22	95.98	172.64	2.13	0	0	0
219	2050	1	10	200	-3.54	96.62	181.94	2.14	0	0	0
220	2050	1	10	300	-3.12	96.91	181.94	2.14	0	0	0
221	2050	1	10	400	-2.69	97.01	171.8	3.12	0	0	0
222	2050	1	10	500	-2.27	97.1	171.8	3.12	0	0	0
223	2050	1	10	600	-1.76	97.21	171.8	3.12	0	0	0
224	2050	1	10	700	-1.33	97.98	172.64	2.13	0	0	0
225	2050	1	10	800	-0.82	98.1	172.64	2.13	0	0	0
226	2050	1	10	900	-0.05	98.27	181.33	3.14	0	0	0
227	2050	1	10	1000	0.63	98.5	200.22	4.15	0	0	0
228	2050	1	10	1100	1.39	97.95	209.85	5.14	0	0	0
229	2050	1	10	1200	1.56	97.83	209.85	5.14	0	1.75	1.75
230	2050	1	10	1300	1.82	96.99	200.22	4.15	0	2.57	2.57
231	2050	1	10	1400	1.99	96.87	200.22	4.15	0	1.01	1.01
232	2050	1	10	1500	2.33	96.09	209.85	5.14	0	0	0
233	2050	1	10	1600	2.58	94.74	219.66	7.12	0	0	0
234	2050	1	10	1700	2.92	94.06	229.5	8.11	0	0	0
235	2050	1	10	1800	3.1	92.69	239.32	8.09	0	0	0
236	2050	1	10	1900	3.18	91.99	239.32	8.09	0	0	0
237	2050	1	10	2000	3.35	90.59	249.16	8.08	0	0	0
238	2050	1	10	2100	3.1	90.59	219.7	8.12	0	0	0
239	2050	1	10	2200	2.92	89.88	170.79	7.1	0	0	0
240	2050	1	10	2300	2.67	89.88	141.26	7.03	0	0	0
241	2050	1	11	0	2.75	87.71	170.79	7.1	0	0	0
242	2050	1	11	100	2.75	86.24	200.15	6.13	0	0	0
243	2050	1	11	200	2.84	83.98	229.34	6.12	0	0	0
244	2050	1	11	300	2.84	83.22	229.34	6.12	0	0	0
245	2050	1	11	400	2.92	82.45	239.22	7.1	0	0	0
246	2050	1	11	500	2.92	81.67	239.22	7.1	0	0	0
247	2050	1	11	600	2.58	82.45	239.22	7.1	0	0	0
248	2050	1	11	700	2.33	83.22	229.34	6.12	0	0	0
249	2050	1	11	800	1.99	84.08	229.34	6.12	0	0	0
250	2050	1	11	900	1.9	82.6	229.34	6.12	0	0	0
251	2050	1	11	1000	1.9	81.04	219.6	6.13	0	0	0
252	2050	1	11	1100	1.82	79.5	219.6	6.13	0	3.31	3.31
253	2050	1	11	1200	1.99	77.79	219.6	6.13	0	11.49	11.49

254	2050	1	11	1300	2.24	76.89	229.43	7.11	0	15.35	15.35
255	2050	1	11	1400	2.41	75.24	229.43	7.11	0	7.17	7.17
256	2050	1	11	1500	2.07	76.93	229.34	6.12	0	1.01	1.01
257	2050	1	11	1600	1.73	78.75	219.52	5.14	0	0	0
258	2050	1	11	1700	1.39	80.54	219.41	4.14	0	0	0
259	2050	1	11	1800	0.88	82.42	219.41	4.14	0	0	0
260	2050	1	11	1900	0.37	85.06	209.81	4.15	0	0	0
261	2050	1	11	2000	-0.14	86.8	209.81	4.15	0	0	0
262	2050	1	11	2100	-0.22	88.29	209.85	5.14	0	0	0
263	2050	1	11	2200	-0.31	90.49	209.87	6.13	0	0	0
264	2050	1	11	2300	-0.39	91.93	209.89	7.13	0	0	0
265	2050	1	12	0	-0.05	91.28	209.89	7.13	0	0	0
266	2050	1	12	100	0.2	91.16	200.13	7.13	0	0	0
267	2050	1	12	200	0.54	90.21	200.13	7.13	0	0	0
268	2050	1	12	300	0.46	90.26	200.13	7.13	0	0	0
269	2050	1	12	400	0.46	90.99	209.9	8.12	0	0	0
270	2050	1	12	500	0.37	91.04	209.9	8.12	0	0	0
271	2050	1	12	600	0.37	91.04	209.9	8.12	0	0	0
272	2050	1	12	700	0.37	91.77	219.66	7.12	0	0	0
273	2050	1	12	800	0.37	91.77	219.66	7.12	0	0	0
274	2050	1	12	900	0.12	91.94	229.34	6.12	0	0	0
275	2050	1	12	1000	-0.05	92.72	248.66	5.09	0	0	0
276	2050	1	12	1100	-0.31	92.66	258.06	4.08	0	1.56	1.56
277	2050	1	12	1200	-0.73	92.57	276.91	3.03	0	5.88	5.88
278	2050	1	12	1300	-1.16	92.48	286.78	3	0	7.63	7.63
279	2050	1	12	1400	-1.59	92.38	305.18	1.95	0	6.16	6.16
280	2050	1	12	1500	-2.44	92.2	315.41	1.92	0	1.75	1.75
281	2050	1	12	1600	-3.2	91.32	337.59	2.87	0	0	0
282	2050	1	12	1700	-4.05	91.15	348.03	2.85	0	0	0
283	2050	1	12	1800	-5.76	91.52	337.59	2.87	0	0	0
284	2050	1	12	1900	-7.37	91.91	336.31	1.87	0	0	0
285	2050	1	12	2000	-9.07	91.56	325.79	1.9	0	0	0
286	2050	1	12	2100	-11.29	89.62	325.79	1.9	0	0	0
287	2050	1	12	2200	-13.41	87.78	332.16	0.88	0	0	0
288	2050	1	12	2300	-15.63	85.92	332.16	0.88	0	0	0
289	2050	1	13	0	-15.37	86.13	332.16	0.88	0	0	0
290	2050	1	13	100	-15.03	86.41	321.17	0.91	0	0	0
291	2050	1	13	200	-14.78	86.63	321.17	0.91	0	0	0
292	2050	1	13	300	-16.65	85.07	321.17	0.91	0	0	0
293	2050	1	13	400	-18.44	83.6	310.53	0.94	0	0	0
294	2050	1	13	500	-20.31	82.09	310.53	0.94	0	0	0
295	2050	1	13	600	-20.9	81.62	310.53	0.94	0	0	0
296	2050	1	13	700	-21.58	81.08	300.22	0.97	0	0	0
297	2050	1	13	800	-22.18	80.61	300.22	0.97	0	0	0
298	2050	1	13	900	-22.78	80.15	321.17	0.91	0	0	0
299	2050	1	13	1000	-23.29	79.75	205.36	0.17	0	0	0
300	2050	1	13	1100	-23.88	79.29	205.36	0.17	0	3.31	3.31
301	2050	1	13	1200	-23.46	79.62	205.36	0.17	0	8.46	8.46
302	2050	1	13	1300	-22.95	80.02	355.07	0.84	0	10.2	10.21
303	2050	1	13	1400	-22.52	80.35	235.14	1.14	0	5.33	5.33
304	2050	1	13	1500	-22.18	80.61	261.83	1.08	0	1.01	1.01
305	2050	1	13	1600	-21.84	80.88	205.36	0.17	0	0	0
306	2050	1	13	1700	-21.5	81.15	205.36	0.17	0	0	0
307	2050	1	13	1800	-20.82	81.69	205.36	0.17	0	0	0
308	2050	1	13	1900	-20.14	82.23	88.77	0.91	0	0	0
309	2050	1	13	2000	-19.46	82.78	119.78	0.99	0	0	0
310	2050	1	13	2100	-19.29	82.91	138.98	1.05	0	0	0
311	2050	1	13	2200	-19.2	82.98	144.28	2.07	0	0	0
312	2050	1	13	2300	-19.03	83.12	163.27	2.11	0	0	0
313	2050	1	14	0	-18.01	83.95	163.27	2.11	0	0	0
314	2050	1	14	100	-16.9	84.86	166.18	1.12	0	0	0
315	2050	1	14	200	-15.88	85.7	166.18	1.12	0	0	0
316	2050	1	14	300	-14.27	87.06	163.27	2.11	0	0	0
317	2050	1	14	400	-12.73	88.37	153.83	2.09	0	0	0

318	2050	1	14	500	-11.12	89.76	152.59	3.08	0	0	0
319	2050	1	14	600	-9.84	90.74	152.59	3.08	0	0	0
320	2050	1	14	700	-8.65	91.94	163.27	2.11	0	0	0
321	2050	1	14	800	-7.37	93.09	163.27	2.11	0	0	0
322	2050	1	14	900	-5.5	94.37	172.64	2.13	0	0	0
323	2050	1	14	1000	-3.54	96.14	171.8	3.12	0	0	0
324	2050	1	14	1100	-1.67	97.23	181.33	3.14	0	0	0
325	2050	1	14	1200	-0.99	97.38	190.82	3.15	0	1.56	1.56
326	2050	1	14	1300	-0.39	98.2	200.22	4.15	0	4.04	4.05
327	2050	1	14	1400	0.29	98.08	209.81	4.15	0	3.58	3.59
328	2050	1	14	1500	0.2	97.47	209.85	5.14	0	1.01	1.01
329	2050	1	14	1600	0.12	96.16	219.52	5.14	0	0	0
330	2050	1	14	1700	0.03	95.53	219.6	6.13	0	0	0
331	2050	1	14	1800	0.2	94.01	219.66	7.12	0	0	0
332	2050	1	14	1900	0.29	92.54	219.66	7.12	0	0	0
333	2050	1	14	2000	0.46	90.99	219.7	8.12	0	0	0
334	2050	1	14	2100	0.63	90.15	219.7	8.12	0	0	0
335	2050	1	14	2200	0.71	89.36	219.66	7.12	0	0	0
336	2050	1	14	2300	0.88	88.52	219.66	7.12	0	0	0
337	2050	1	15	0	0.88	87.78	229.34	6.12	0	0	0
338	2050	1	15	100	0.97	86.98	248.66	5.09	0	0	0
339	2050	1	15	200	0.97	86.22	258.06	4.08	0	0	0
340	2050	1	15	300	0.71	87.88	276.91	3.03	0	0	0
341	2050	1	15	400	0.54	88.74	295.11	1.98	0	0	0
342	2050	1	15	500	0.29	90.37	310.53	0.94	0	0	0
343	2050	1	15	600	-0.31	92.66	310.53	0.94	0	0	0
344	2050	1	15	700	-0.99	93.93	300.22	0.97	0	0	0
345	2050	1	15	800	-1.59	95.89	300.22	0.97	0	0	0
346	2050	1	15	900	-3.97	93.99	310.53	0.94	0	0	0
347	2050	1	15	1000	-6.35	92.11	336.31	1.87	0	0	0
348	2050	1	15	1100	-8.73	90.24	346.97	1.85	0	3.03	3.03
349	2050	1	15	1200	-9.84	89.32	336.31	1.87	0	9.93	9.93
350	2050	1	15	1300	-11.03	88.39	332.16	0.88	0	12.78	12.78
351	2050	1	15	1400	-12.14	87.48	321.17	0.91	0	8.18	8.18
352	2050	1	15	1500	-13.07	87.32	321.17	0.91	0	2.02	2.02
353	2050	1	15	1600	-14.01	87.17	315.41	1.92	0	0	0
354	2050	1	15	1700	-14.95	86.49	315.41	1.92	0	0	0
355	2050	1	15	1800	-15.46	86.06	325.79	1.9	0	0	0
356	2050	1	15	1900	-16.05	84.66	336.31	1.87	0	0	0
357	2050	1	15	2000	-16.56	83.84	346.97	1.85	0	0	0
358	2050	1	15	2100	-17.33	83.73	336.31	1.87	0	0	0
359	2050	1	15	2200	-18.01	82.88	325.79	1.9	0	0	0
360	2050	1	15	2300	-18.78	82.78	315.41	1.92	0	0	0
361	2050	1	16	0	-19.29	82.7	315.41	1.92	0	0	0
362	2050	1	16	100	-19.8	82.5	310.53	0.94	0	0	0
363	2050	1	16	200	-20.31	82.09	310.53	0.94	0	0	0
364	2050	1	16	300	-20.82	81.69	310.53	0.94	0	0	0
365	2050	1	16	400	-21.33	81.28	321.17	0.91	0	0	0
366	2050	1	16	500	-21.84	80.88	321.17	0.91	0	0	0
367	2050	1	16	600	-22.18	80.61	321.17	0.91	0	0	0
368	2050	1	16	700	-22.43	80.41	321.17	0.91	0	0	0
369	2050	1	16	800	-22.78	80.15	321.17	0.91	0	0	0
370	2050	1	16	900	-22.95	80.02	321.17	0.91	0	0	0
371	2050	1	16	1000	-23.2	79.82	332.16	0.88	0	0	0
372	2050	1	16	1100	-23.37	79.69	332.16	0.88	0	4.87	4.87
373	2050	1	16	1200	-22.86	80.08	343.47	0.86	0	14.06	14.07
374	2050	1	16	1300	-22.35	80.48	205.36	0.17	0	19.39	19.4
375	2050	1	16	1400	-21.84	80.88	205.36	0.17	0	12.5	12.5
376	2050	1	16	1500	-22.35	80.48	205.36	0.17	0	3.03	3.03
377	2050	1	16	1600	-22.78	80.15	119.78	0.99	0	0	0
378	2050	1	16	1700	-23.29	79.75	148.23	1.08	0	0	0
379	2050	1	16	1800	-20.39	82.03	157.28	1.1	0	0	0
380	2050	1	16	1900	-17.58	84.3	163.27	2.11	0	0	0
381	2050	1	16	2000	-14.69	86.7	172.64	2.13	0	0	0

382	2050	1	16	2100	-13.16	88	172.64	2.13	0	0	0
383	2050	1	16	2200	-11.63	89.32	174.95	1.14	0	0	0
384	2050	1	16	2300	-10.1	90.66	174.95	1.14	0	0	0
385	2050	1	17	0	-9.5	90.81	174.95	1.14	0	0	0
386	2050	1	17	100	-8.82	90.93	183.62	1.15	0	0	0
387	2050	1	17	200	-8.22	91.04	183.62	1.15	0	0	0
388	2050	1	17	300	-8.14	91.06	183.62	1.15	0	0	0
389	2050	1	17	400	-8.14	91.76	183.62	1.15	0	0	0
390	2050	1	17	500	-8.05	91.78	183.62	1.15	0	0	0
391	2050	1	17	600	-7.97	91.8	183.62	1.15	0	0	0
392	2050	1	17	700	-7.97	91.8	172.64	2.13	0	0	0
393	2050	1	17	800	-7.88	91.81	172.64	2.13	0	0	0
394	2050	1	17	900	-8.65	90.96	191.2	2.15	0	0	0
395	2050	1	17	1000	-9.41	90.82	200.78	1.16	0	0	0
396	2050	1	17	1100	-10.18	89.97	217.88	1.16	0	3.03	3.03
397	2050	1	17	1200	-10.69	89.88	243.9	1.12	0	11.21	11.22
398	2050	1	17	1300	-11.29	89.62	205.36	0.17	0	18.38	18.39
399	2050	1	17	1400	-11.8	89.17	205.36	0.17	0	11.21	11.22
400	2050	1	17	1500	-11.12	89.76	205.36	0.17	0	2.02	2.02
401	2050	1	17	1600	-10.35	90.44	355.07	0.84	0	0	0
402	2050	1	17	1700	-9.67	91.04	119.78	0.99	0	0	0
403	2050	1	17	1800	-9.33	91.34	88.77	0.91	0	0	0
404	2050	1	17	1900	-8.99	91.64	205.36	0.17	0	0	0
405	2050	1	17	2000	-8.65	91.94	205.36	0.17	0	0	0
406	2050	1	17	2100	-7.8	92.53	332.16	0.88	0	0	0
407	2050	1	17	2200	-6.86	92.71	217.88	1.16	0	0	0
408	2050	1	17	2300	-6.01	92.88	200.42	2.16	0	0	0
409	2050	1	18	0	-5.59	93.66	200.42	2.16	0	0	0
410	2050	1	18	100	-5.24	94.42	190.82	3.15	0	0	0
411	2050	1	18	200	-4.82	95.19	190.82	3.15	0	0	0
412	2050	1	18	300	-4.82	95.19	191.2	2.15	0	0	0
413	2050	1	18	400	-4.73	95.51	191.2	2.15	0	0	0
414	2050	1	18	500	-4.73	95.51	192.22	1.16	0	0	0
415	2050	1	18	600	-4.48	95.74	183.62	1.15	0	0	0
416	2050	1	18	700	-4.22	95.98	174.95	1.14	0	0	0
417	2050	1	18	800	-3.97	96.22	166.18	1.12	0	0	0
418	2050	1	18	900	-3.37	96.78	163.27	2.11	0	0	0
419	2050	1	18	1000	-2.78	97.34	172.64	2.13	0	0	0
420	2050	1	18	1100	-2.18	97.9	171.8	3.12	0	1.56	1.56
421	2050	1	18	1200	-2.61	97.5	171.8	3.12	0	5.61	5.61
422	2050	1	18	1300	-3.12	96.91	171.8	3.12	0	12.22	12.23
423	2050	1	18	1400	-3.54	96.14	171.8	3.12	0	12.22	12.23
424	2050	1	18	1500	-3.54	96.14	171.8	3.12	0	4.04	4.05
425	2050	1	18	1600	-3.54	95.46	172.64	2.13	0	0	0
426	2050	1	18	1700	-3.54	95.46	172.64	2.13	0	0	0
427	2050	1	18	1800	-3.37	95.5	172.64	2.13	0	0	0
428	2050	1	18	1900	-3.29	95.51	172.64	2.13	0	0	0
429	2050	1	18	2000	-3.12	95.55	172.64	2.13	0	0	0
430	2050	1	18	2100	-3.2	95.53	172.64	2.13	0	0	0
431	2050	1	18	2200	-3.2	95.53	166.18	1.12	0	0	0
432	2050	1	18	2300	-3.29	95.51	166.18	1.12	0	0	0
433	2050	1	19	0	-3.37	95.5	166.18	1.12	0	0	0
434	2050	1	19	100	-3.37	94.81	163.27	2.11	0	0	0
435	2050	1	19	200	-3.46	94.79	163.27	2.11	0	0	0
436	2050	1	19	300	-3.63	94.75	162.23	3.1	0	0	0
437	2050	1	19	400	-3.71	94.74	162.23	3.1	0	0	0
438	2050	1	19	500	-3.88	94.7	161.69	4.1	0	0	0
439	2050	1	19	600	-4.14	95.33	161.69	4.1	0	0	0
440	2050	1	19	700	-4.31	95.9	152.59	3.08	0	0	0
441	2050	1	19	800	-4.56	95.66	152.59	3.08	0	0	0
442	2050	1	19	900	-5.16	95.11	152.59	3.08	0	0	0
443	2050	1	19	1000	-5.76	94.56	152.59	3.08	0	0	0
444	2050	1	19	1100	-6.35	94.02	152.59	3.08	0	1.56	1.56
445	2050	1	19	1200	-6.44	93.94	152.59	3.08	0	4.04	4.05

446	2050	1	19	1300	-6.44	93.94	144.28	2.07	0	8.18	8.18
447	2050	1	19	1400	-6.52	93.47	144.28	2.07	0	8.64	8.64
448	2050	1	19	1500	-6.52	93.47	144.28	2.07	0	3.03	3.03
449	2050	1	19	1600	-6.52	93.47	134.61	2.04	0	0	0
450	2050	1	19	1700	-6.52	93.47	134.61	2.04	0	0	0
451	2050	1	19	1800	-6.86	92.71	134.61	2.04	0	0	0
452	2050	1	19	1900	-7.2	92.64	144.28	2.07	0	0	0
453	2050	1	19	2000	-7.54	91.88	144.28	2.07	0	0	0
454	2050	1	19	2100	-7.88	91.81	144.28	2.07	0	0	0
455	2050	1	19	2200	-8.31	91.03	134.61	2.04	0	0	0
456	2050	1	19	2300	-8.65	90.96	134.61	2.04	0	0	0
457	2050	1	20	0	-8.73	91.65	134.61	2.04	0	0	0
458	2050	1	20	100	-8.73	91.87	142.89	3.06	0	0	0
459	2050	1	20	200	-8.82	91.79	142.89	3.06	0	0	0
460	2050	1	20	300	-8.9	91.72	144.28	2.07	0	0	0
461	2050	1	20	400	-8.9	91.72	153.83	2.09	0	0	0
462	2050	1	20	500	-8.99	91.64	157.28	1.1	0	0	0
463	2050	1	20	600	-8.82	91.79	157.28	1.1	0	0	0
464	2050	1	20	700	-8.56	92.02	153.83	2.09	0	0	0
465	2050	1	20	800	-8.39	92.17	153.83	2.09	0	0	0
466	2050	1	20	900	-8.31	92.25	153.83	2.09	0	0	0
467	2050	1	20	1000	-8.14	92.4	157.28	1.1	0	1.56	1.56
468	2050	1	20	1100	-8.05	92.48	157.28	1.1	0	4.04	4.05
469	2050	1	20	1200	-7.71	92.78	157.28	1.1	0	8.18	8.18
470	2050	1	20	1300	-7.46	93.01	157.28	1.1	0	8.64	8.64
471	2050	1	20	1400	-7.12	93.32	157.28	1.1	0	6.16	6.16
472	2050	1	20	1500	-6.78	93.63	157.28	1.1	0	3.58	3.59
473	2050	1	20	1600	-6.35	94.02	144.28	2.07	0	1.01	1.01
474	2050	1	20	1700	-6.01	94.26	144.28	2.07	0	0	0
475	2050	1	20	1800	-5.33	94.96	153.83	2.09	0	0	0
476	2050	1	20	1900	-4.56	95.66	153.83	2.09	0	0	0
477	2050	1	20	2000	-3.88	96.3	163.27	2.11	0	0	0
478	2050	1	20	2100	-2.69	97.42	171.8	3.12	0	0	0
479	2050	1	20	2200	-1.42	97.96	171.37	4.12	0	0	0
480	2050	1	20	2300	-0.22	98.24	180.81	5.13	0	0	0
481	2050	1	21	0	-0.22	98.24	180.81	5.13	0	0	0
482	2050	1	21	100	-0.22	98.24	171.1	5.11	0	0	0
483	2050	1	21	200	-0.22	98.24	171.1	5.11	0	0	0
484	2050	1	21	300	-0.05	97.6	180.81	5.13	0	0	0
485	2050	1	21	400	0.12	97.53	180.81	5.13	0	0	0
486	2050	1	21	500	0.29	96.73	190.5	5.14	0	0	0
487	2050	1	21	600	0.46	97.28	180.81	5.13	0	0	0
488	2050	1	21	700	0.63	97.16	180.81	5.13	0	0	0
489	2050	1	21	800	0.8	97.71	171.1	5.11	0	0	0
490	2050	1	21	900	1.14	97.47	180.68	6.12	0	0	0
491	2050	1	21	1000	1.39	96.62	190.42	6.13	0	0	0
492	2050	1	21	1100	1.73	96.38	200.13	7.13	0	1.56	1.56
493	2050	1	21	1200	1.65	96.44	200.13	7.13	0	2.57	2.57
494	2050	1	21	1300	1.48	96.56	190.42	6.13	0	2.57	2.57
495	2050	1	21	1400	1.39	96.62	190.42	6.13	0	1.01	1.01
496	2050	1	21	1500	1.05	96.86	190.42	6.13	0	0	0
497	2050	1	21	1600	0.63	97.16	190.36	7.12	0	0	0
498	2050	1	21	1700	0.29	97.41	190.36	7.12	0	0	0
499	2050	1	21	1800	0.46	97.28	190.36	7.12	0	0	0
500	2050	1	21	1900	0.63	97.84	190.32	8.12	0	0	0
501	2050	1	21	2000	0.8	97.71	190.32	8.12	0	0	0
502	2050	1	21	2100	0.8	96.37	190.36	7.12	0	0	0
503	2050	1	21	2200	0.8	95.68	190.42	6.13	0	0	0
504	2050	1	21	2300	0.8	94.3	190.5	5.14	0	0	0
505	2050	1	22	0	0.63	95.11	190.5	5.14	0	0	0
506	2050	1	22	100	0.37	95.29	200.15	6.13	0	0	0
507	2050	1	22	200	0.2	96.1	200.15	6.13	0	0	0
508	2050	1	22	300	0.2	96.79	190.42	6.13	0	0	0
509	2050	1	22	400	0.12	96.85	190.42	6.13	0	0	0

510	2050	1	22	500	0.12	97.53	180.68	6.12	0	0	0
511	2050	1	22	600	0.37	97.35	190.42	6.13	0	0	0
512	2050	1	22	700	0.54	97.22	200.13	7.13	0	0	0
513	2050	1	22	800	0.8	97.04	209.89	7.13	0	0	0
514	2050	1	22	900	0.8	97.04	209.87	6.13	0	0	0
515	2050	1	22	1000	0.8	97.04	200.15	6.13	0	0	0
516	2050	1	22	1100	0.8	97.04	200.18	5.14	0	1.56	1.56
517	2050	1	22	1200	0.88	96.98	200.18	5.14	0	4.04	4.05
518	2050	1	22	1300	0.97	96.25	200.18	5.14	0	5.15	5.15
519	2050	1	22	1400	1.05	96.19	200.18	5.14	0	3.58	3.59
520	2050	1	22	1500	0.97	96.25	200.18	5.14	0	1.01	1.01
521	2050	1	22	1600	0.88	95.62	190.5	5.14	0	0	0
522	2050	1	22	1700	0.8	95.68	190.5	5.14	0	0	0
523	2050	1	22	1800	0.63	95.11	190.62	4.14	0	0	0
524	2050	1	22	1900	0.46	95.23	200.22	4.15	0	0	0
525	2050	1	22	2000	0.29	94.66	200.29	3.15	0	0	0
526	2050	1	22	2100	0.2	96.1	200.29	3.15	0	0	0
527	2050	1	22	2200	0.03	96.91	190.62	4.14	0	0	0
528	2050	1	22	2300	-0.05	98.27	190.62	4.14	0	0	0
529	2050	1	23	0	0.03	98.26	181.01	4.13	0	0	0
530	2050	1	23	100	0.03	98.94	181.01	4.13	0	0	0
531	2050	1	23	200	0.12	98.87	171.37	4.12	0	0	0
532	2050	1	23	300	0.12	98.87	180.81	5.13	0	0	0
533	2050	1	23	400	0.12	98.2	180.81	5.13	0	0	0
534	2050	1	23	500	0.12	98.2	190.42	6.13	0	0	0
535	2050	1	23	600	0.03	98.26	190.42	6.13	0	0	0
536	2050	1	23	700	0.03	97.59	180.68	6.12	0	0	0
537	2050	1	23	800	-0.05	97.6	180.68	6.12	0	0	0
538	2050	1	23	900	-0.05	97.6	180.68	6.12	0	0	0
539	2050	1	23	1000	-0.14	97.58	190.42	6.13	0	0	0
540	2050	1	23	1100	-0.14	97.58	190.42	6.13	0	1.56	1.56
541	2050	1	23	1200	0.03	97.59	190.42	6.13	0	4.04	4.05
542	2050	1	23	1300	0.29	96.73	200.15	6.13	0	6.62	6.62
543	2050	1	23	1400	0.46	96.61	200.15	6.13	0	4.87	4.87
544	2050	1	23	1500	0.29	96.73	190.42	6.13	0	1.01	1.01
545	2050	1	23	1600	0.12	96.85	190.5	5.14	0	0	0
546	2050	1	23	1700	-0.05	96.92	180.81	5.13	0	0	0
547	2050	1	23	1800	-0.22	96.19	180.81	5.13	0	0	0
548	2050	1	23	1900	-0.31	95.48	190.5	5.14	0	0	0
549	2050	1	23	2000	-0.48	94.75	190.5	5.14	0	0	0
550	2050	1	23	2100	-0.82	93.97	190.5	5.14	0	0	0
551	2050	1	23	2200	-1.07	93.21	180.81	5.13	0	0	0
552	2050	1	23	2300	-1.42	92.42	180.81	5.13	0	0	0
553	2050	1	24	0	-1.67	93.08	180.81	5.13	0	0	0
554	2050	1	24	100	-2.01	93	171.37	4.12	0	0	0
555	2050	1	24	200	-2.27	93.65	171.37	4.12	0	0	0
556	2050	1	24	300	-2.35	92.93	171.1	5.11	0	0	0
557	2050	1	24	400	-2.35	91.5	180.81	5.13	0	0	0
558	2050	1	24	500	-2.44	90.76	180.68	6.12	0	0	0
559	2050	1	24	600	-2.52	90.75	180.68	6.12	0	0	0
560	2050	1	24	700	-2.52	91.47	180.81	5.13	0	0	0
561	2050	1	24	800	-2.61	91.45	180.81	5.13	0	0	0
562	2050	1	24	900	-2.69	91.43	180.68	6.12	0	0	0
563	2050	1	24	1000	-2.78	90.69	180.68	6.12	0	0	0
564	2050	1	24	1100	-2.86	90.67	180.58	7.11	0	1.56	1.56
565	2050	1	24	1200	-2.69	90.71	180.58	7.11	0	6.89	6.9
566	2050	1	24	1300	-2.44	90.76	190.36	7.12	0	13.05	13.06
567	2050	1	24	1400	-2.27	90.8	190.36	7.12	0	10.94	10.94
568	2050	1	24	1500	-2.1	90.84	190.36	7.12	0	3.31	3.31
569	2050	1	24	1600	-1.93	90.15	180.51	8.11	0	0	0
570	2050	1	24	1700	-1.76	90.18	180.51	8.11	0	0	0
571	2050	1	24	1800	-1.67	90.93	180.51	8.11	0	0	0
572	2050	1	24	1900	-1.5	90.96	180.51	8.11	0	0	0
573	2050	1	24	2000	-1.42	91.7	180.51	8.11	0	0	0

574	2050	1	24	2100	-1.25	91.74	180.51	8.11	0	0	0
575	2050	1	24	2200	-0.99	91.8	190.32	8.12	0	0	0
576	2050	1	24	2300	-0.82	91.83	190.32	8.12	0	0	0
577	2050	1	25	0	-1.07	93.21	190.36	7.12	0	0	0
578	2050	1	25	100	-1.33	94.56	190.36	7.12	0	0	0
579	2050	1	25	200	-1.59	95.89	190.42	6.13	0	0	0
580	2050	1	25	300	-1.59	95.89	190.42	6.13	0	0	0
581	2050	1	25	400	-1.5	96.59	190.5	5.14	0	0	0
582	2050	1	25	500	-1.5	96.59	190.5	5.14	0	0	0
583	2050	1	25	600	-1.59	96.57	190.62	4.14	0	0	0
584	2050	1	25	700	-1.76	95.85	190.62	4.14	0	0	0
585	2050	1	25	800	-1.84	95.83	190.82	3.15	0	0	0
586	2050	1	25	900	-1.76	95.85	190.82	3.15	0	0	0
587	2050	1	25	1000	-1.59	95.89	190.82	3.15	0	0	0
588	2050	1	25	1100	-1.5	95.9	190.82	3.15	0	4.32	4.32
589	2050	1	25	1200	-1.84	94.44	200.29	3.15	0	13.51	13.51
590	2050	1	25	1300	-2.27	92.95	209.81	4.15	0	16.36	16.37
591	2050	1	25	1400	-2.61	91.45	219.41	4.14	0	10.94	10.94
592	2050	1	25	1500	-3.03	92.78	209.81	4.15	0	3.31	3.31
593	2050	1	25	1600	-3.37	93.42	209.75	3.15	0	0	0
594	2050	1	25	1700	-3.8	94.72	200.29	3.15	0	0	0
595	2050	1	25	1800	-3.54	94.08	200.22	4.15	0	0	0
596	2050	1	25	1900	-3.2	94.15	190.62	4.14	0	0	0
597	2050	1	25	2000	-2.95	93.51	190.5	5.14	0	0	0
598	2050	1	25	2100	-3.12	94.17	181.01	4.13	0	0	0
599	2050	1	25	2200	-3.29	94.83	162.23	3.1	0	0	0
600	2050	1	25	2300	-3.46	95.48	153.83	2.09	0	0	0
601	2050	1	26	0	-4.22	94.63	163.27	2.11	0	0	0
602	2050	1	26	100	-4.99	93.08	181.94	2.14	0	0	0
603	2050	1	26	200	-5.76	92.23	191.2	2.15	0	0	0
604	2050	1	26	300	-5.41	93.69	218.86	2.15	0	0	0
605	2050	1	26	400	-5.07	94.45	261.83	1.08	0	0	0
606	2050	1	26	500	-4.73	95.51	290.23	1	0	0	0
607	2050	1	26	600	-4.73	95.51	310.53	0.94	0	0	0
608	2050	1	26	700	-4.73	95.51	205.36	0.17	0	0	0
609	2050	1	26	800	-4.73	95.51	205.36	0.17	0	0	0
610	2050	1	26	900	-4.56	94.56	6.91	0.83	0	0	0
611	2050	1	26	1000	-4.48	93.88	163.27	2.11	0	1.56	1.56
612	2050	1	26	1100	-4.31	92.52	171.8	3.12	0	5.33	5.33
613	2050	1	26	1200	-4.82	91.71	171.8	3.12	0	14.8	14.8
614	2050	1	26	1300	-5.33	91.6	171.37	4.12	0	18.93	18.94
615	2050	1	26	1400	-5.84	90.79	171.37	4.12	0	13.51	13.51
616	2050	1	26	1500	-6.35	90.69	171.8	3.12	0	5.88	5.88
617	2050	1	26	1600	-6.86	89.87	162.23	3.1	0	1.01	1.01
618	2050	1	26	1700	-7.37	89.78	163.27	2.11	0	0	0
619	2050	1	26	1800	-7.63	89.73	153.83	2.09	0	0	0
620	2050	1	26	1900	-7.8	90.41	153.83	2.09	0	0	0
621	2050	1	26	2000	-8.05	90.36	144.28	2.07	0	0	0
622	2050	1	26	2100	-8.05	89.65	144.28	2.07	0	0	0
623	2050	1	26	2200	-8.14	88.19	144.28	2.07	0	0	0
624	2050	1	26	2300	-8.14	87.46	144.28	2.07	0	0	0
625	2050	1	27	0	-8.05	88.2	144.28	2.07	0	0	0
626	2050	1	27	100	-7.97	88.22	153.83	2.09	0	0	0
627	2050	1	27	200	-7.88	88.96	153.83	2.09	0	0	0
628	2050	1	27	300	-7.71	88.99	163.27	2.11	0	0	0
629	2050	1	27	400	-7.54	89.75	163.27	2.11	0	0	0
630	2050	1	27	500	-7.37	89.78	172.64	2.13	0	0	0
631	2050	1	27	600	-7.2	90.53	172.64	2.13	0	0	0
632	2050	1	27	700	-6.95	91.29	162.23	3.1	0	0	0
633	2050	1	27	800	-6.78	92.02	162.23	3.1	0	0	0
634	2050	1	27	900	-6.95	91.29	171.8	3.12	0	0	0
635	2050	1	27	1000	-7.12	90.54	171.8	3.12	0	1.56	1.56
636	2050	1	27	1100	-7.29	89.79	181.33	3.14	0	9.74	9.75
637	2050	1	27	1200	-7.2	89.81	171.8	3.12	0	19.67	19.67

638	2050	1	27	1300	-7.03	90.56	172.64	2.13	0	21.69	21.7
639	2050	1	27	1400	-6.95	90.57	163.27	2.11	0	17.65	17.65
640	2050	1	27	1500	-7.03	90.56	163.27	2.11	0	8.46	8.46
641	2050	1	27	1600	-7.12	91.25	162.23	3.1	0	1.29	1.29
642	2050	1	27	1700	-7.2	91.24	162.23	3.1	0	0	0
643	2050	1	27	1800	-7.29	91.22	163.27	2.11	0	0	0
644	2050	1	27	1900	-7.29	91.93	172.64	2.13	0	0	0
645	2050	1	27	2000	-7.37	91.91	174.95	1.14	0	0	0
646	2050	1	27	2100	-7.29	91.93	166.18	1.12	0	0	0
647	2050	1	27	2200	-7.29	92.63	157.28	1.1	0	0	0
648	2050	1	27	2300	-7.2	92.64	148.23	1.08	0	0	0
649	2050	1	28	0	-7.46	92.59	148.23	1.08	0	0	0
650	2050	1	28	100	-7.63	91.86	157.28	1.1	0	0	0
651	2050	1	28	200	-7.88	91.81	157.28	1.1	0	0	0
652	2050	1	28	300	-7.97	91.8	157.28	1.1	0	0	0
653	2050	1	28	400	-8.14	91.76	157.28	1.1	0	0	0
654	2050	1	28	500	-8.22	91.75	157.28	1.1	0	0	0
655	2050	1	28	600	-8.65	91.94	138.98	1.05	0	0	0
656	2050	1	28	700	-8.99	91.64	205.36	0.17	0	0	0
657	2050	1	28	800	-9.41	91.26	205.36	0.17	0	0	0
658	2050	1	28	900	-8.9	91.72	205.36	0.17	0	0	0
659	2050	1	28	1000	-8.48	90.99	119.78	0.99	0	1.56	1.56
660	2050	1	28	1100	-7.97	90.38	148.23	1.08	0	9.74	9.75
661	2050	1	28	1200	-8.56	89.55	157.28	1.1	0	22.43	22.43
662	2050	1	28	1300	-9.16	88.73	163.27	2.11	0	36.49	36.5
663	2050	1	28	1400	-9.76	87.89	172.64	2.13	0	37.78	37.79
664	2050	1	28	1500	-11.12	87.66	172.64	2.13	0	17.83	17.84
665	2050	1	28	1600	-12.56	86.68	174.95	1.14	0	2.3	2.3
666	2050	1	28	1700	-13.92	86.46	174.95	1.14	0	0	0
667	2050	1	28	1800	-14.52	86.36	174.95	1.14	0	0	0
668	2050	1	28	1900	-15.2	85.53	166.18	1.12	0	0	0
669	2050	1	28	2000	-15.8	85.43	166.18	1.12	0	0	0
670	2050	1	28	2100	-16.39	85.28	166.18	1.12	0	0	0
671	2050	1	28	2200	-16.99	84.52	174.95	1.14	0	0	0
672	2050	1	28	2300	-17.58	84.3	174.95	1.14	0	0	0
673	2050	1	29	0	-18.61	83.46	174.95	1.14	0	0	0
674	2050	1	29	100	-19.63	82.64	166.18	1.12	0	0	0
675	2050	1	29	200	-20.65	81.82	166.18	1.12	0	0	0
676	2050	1	29	300	-21.58	81.08	166.18	1.12	0	0	0
677	2050	1	29	400	-22.43	80.41	163.27	2.11	0	0	0
678	2050	1	29	500	-23.37	79.69	163.27	2.11	0	0	0
679	2050	1	29	600	-23.71	79.42	148.23	1.08	0	0	0
680	2050	1	29	700	-24.05	79.16	18.9	0.83	0	0	0
681	2050	1	29	800	-24.39	78.9	205.36	0.17	0	0	0
682	2050	1	29	900	-24.65	78.7	205.36	0.17	0	0	0
683	2050	1	29	1000	-24.99	78.44	205.36	0.17	0	7.17	7.17
684	2050	1	29	1100	-25.24	78.25	205.36	0.17	0	29.6	29.6
685	2050	1	29	1200	-24.22	79.03	18.9	0.83	0	48.99	49
686	2050	1	29	1300	-23.29	79.75	138.98	1.05	0	53.58	53.6
687	2050	1	29	1400	-22.26	80.55	153.83	2.09	0	43.93	43.95
688	2050	1	29	1500	-20.39	82.03	153.83	2.09	0	20.4	20.41
689	2050	1	29	1600	-18.52	83.53	163.27	2.11	0	3.58	3.59
690	2050	1	29	1700	-16.65	85.07	163.27	2.11	0	0	0
691	2050	1	29	1800	-16.39	85.28	153.83	2.09	0	0	0
692	2050	1	29	1900	-16.22	85.42	157.28	1.1	0	0	0
693	2050	1	29	2000	-15.97	85.63	148.23	1.08	0	0	0
694	2050	1	29	2100	-15.03	86.28	148.23	1.08	0	0	0
695	2050	1	29	2200	-14.01	86.45	153.83	2.09	0	0	0
696	2050	1	29	2300	-13.07	86.6	153.83	2.09	0	0	0
697	2050	1	30	0	-12.9	85.89	153.83	2.09	0	0	0
698	2050	1	30	100	-12.73	85.18	166.18	1.12	0	0	0
699	2050	1	30	200	-12.56	84.47	166.18	1.12	0	0	0
700	2050	1	30	300	-14.01	84.98	166.18	1.12	0	0	0
701	2050	1	30	400	-15.54	85.47	163.27	2.11	0	0	0

702	2050	1	30	500	-16.99	84.79	163.27	2.11	0	0	0
703	2050	1	30	600	-16.31	85.35	153.83	2.09	0	0	0
704	2050	1	30	700	-15.63	85.92	152.59	3.08	0	0	0
705	2050	1	30	800	-14.95	86.49	142.89	3.06	0	0	0
706	2050	1	30	900	-15.63	85.92	142.89	3.06	0	0	0
707	2050	1	30	1000	-16.31	85.35	144.28	2.07	0	2.85	2.85
708	2050	1	30	1100	-16.99	84.52	144.28	2.07	0	13.51	13.51
709	2050	1	30	1200	-16.48	84.59	144.28	2.07	0	27.57	27.58
710	2050	1	30	1300	-16.05	85.39	157.28	1.1	0	36.03	36.04
711	2050	1	30	1400	-15.54	85.47	157.28	1.1	0	28.58	28.59
712	2050	1	30	1500	-16.05	85.39	157.28	1.1	0	12.04	12.04
713	2050	1	30	1600	-16.56	85.14	166.18	1.12	0	2.3	2.3
714	2050	1	30	1700	-17.07	84.72	166.18	1.12	0	0	0
715	2050	1	30	1800	-17.41	84.44	166.18	1.12	0	0	0
716	2050	1	30	1900	-17.67	84.23	166.18	1.12	0	0	0
717	2050	1	30	2000	-18.01	83.95	166.18	1.12	0	0	0
718	2050	1	30	2100	-18.27	83.74	166.18	1.12	0	0	0
719	2050	1	30	2200	-18.52	83.53	153.83	2.09	0	0	0
720	2050	1	30	2300	-18.78	83.33	153.83	2.09	0	0	0
721	2050	1	31	0	-19.54	82.71	138.98	1.05	0	0	0
722	2050	1	31	100	-20.39	81.8	18.9	0.83	0	0	0
723	2050	1	31	200	-21.16	80.95	205.36	0.17	0	0	0
724	2050	1	31	300	-21.67	81.02	205.36	0.17	0	0	0
725	2050	1	31	400	-22.09	80.68	6.91	0.83	0	0	0
726	2050	1	31	500	-22.61	80.28	6.91	0.83	0	0	0
727	2050	1	31	600	-22.95	80.02	355.07	0.84	0	0	0
728	2050	1	31	700	-23.37	79.69	343.47	0.86	0	0	0
729	2050	1	31	800	-23.71	79.42	332.16	0.88	0	0	0
730	2050	1	31	900	-23.71	79.42	332.16	0.88	0	0	0
731	2050	1	31	1000	-23.8	79.36	332.16	0.88	0	4.32	4.32
732	2050	1	31	1100	-23.8	79.36	332.16	0.88	0	18.93	18.94
733	2050	1	31	1200	-22.43	80.41	343.47	0.86	0	32.44	32.45
734	2050	1	31	1300	-21.07	81.49	205.36	0.17	0	38.51	38.52
735	2050	1	31	1400	-19.71	82.57	205.36	0.17	0	33.91	33.93
736	2050	1	31	1500	-20.31	82.09	205.36	0.17	0	19.67	19.67
737	2050	1	31	1600	-19.37	82.85	343.47	0.86	0	5.88	5.88
738	2050	1	31	1700	-18.61	83.46	332.16	0.88	0	0	0
739	2050	1	31	1800	-17.75	84.16	321.17	0.91	0	0	0
740	2050	1	31	1900	-16.9	84.53	310.53	0.94	0	0	0
741	2050	1	31	2000	-16.14	84.65	300.22	0.97	0	0	0
742	2050	1	31	2100	-15.29	84.78	300.22	0.97	0	0	0
743	2050	1	31	2200	-14.52	85.63	315.41	1.92	0	0	0
744	2050	1	31	2300	-13.75	85.75	315.41	1.92	0	0	0
745	2050	2	1	0	-13.24	85.07	293.34	1.06	0	0	0
746	2050	2	1	100	-12.54	85.06	301.49	2.08	0	0	0
747	2050	2	1	200	-12.01	86	301.49	2.08	0	0	0
748	2050	2	1	300	-11.48	85.99	301.49	2.08	0	0	0
749	2050	2	1	400	-11.12	85.99	293.34	1.06	0	0	0
750	2050	2	1	500	-10.95	85.99	293.34	1.06	0	0	0
751	2050	2	1	600	-10.77	86.93	293.34	1.06	0	0	0
752	2050	2	1	700	-10.86	86.93	283.67	1.05	0	0	0
753	2050	2	1	800	-11.74	86.94	283.67	1.05	0	0	0
754	2050	2	1	900	-11.83	86.94	264.01	1.02	0	0	0
755	2050	2	1	1000	-11.83	87.88	252	2.03	0	4.4	4.4
756	2050	2	1	1100	-11.92	87.88	231.78	2	0	17.98	17.99
757	2050	2	1	1200	-12.71	87.89	221.59	1.99	0	30.44	30.45
758	2050	2	1	1300	-13.59	87.63	221.59	1.99	0	38.21	38.22
759	2050	2	1	1400	-14.39	86.96	211.35	1.98	0	34.56	34.57
760	2050	2	1	1500	-15.62	85.92	201.06	1.97	0	18.73	18.74
761	2050	2	1	1600	-16.86	84.89	191.52	0.95	0	4.68	4.68
762	2050	2	1	1700	-18.09	83.88	180.8	0.95	0	0	0
763	2050	2	1	1800	-17.83	84.1	180.8	0.95	0	0	0
764	2050	2	1	1900	-17.48	84.19	180.8	0.95	0	0	0
765	2050	2	1	2000	-17.21	84.19	180.8	0.95	0	0	0

766	2050	2	1	2100	-17.12	84.18	180.8	0.95	0	0	0
767	2050	2	1	2200	-17.12	83.23	180.8	0.95	0	0	0
768	2050	2	1	2300	-17.03	83.23	180.8	0.95	0	0	0
769	2050	2	2	0	-17.12	83.23	170.05	0.95	0	0	0
770	2050	2	2	100	-17.21	83.24	170.05	0.95	0	0	0
771	2050	2	2	200	-17.3	83.24	159.3	0.95	0	0	0
772	2050	2	2	300	-18.09	83.25	159.3	0.95	0	0	0
773	2050	2	2	400	-18.97	82.32	170.02	1.96	0	0	0
774	2050	2	2	500	-19.77	82.33	170.02	1.96	0	0	0
775	2050	2	2	600	-19.68	82.33	170.02	1.96	0	0	0
776	2050	2	2	700	-19.5	82.74	159.3	0.95	0	0	0
777	2050	2	2	800	-19.42	82.81	159.3	0.95	0	0	0
778	2050	2	2	900	-19.59	82.67	137.9	0.96	0	0	0
779	2050	2	2	1000	-19.77	82.33	349.33	0.07	0	5.43	5.43
780	2050	2	2	1100	-19.94	82.33	349.33	0.07	0	22.85	22.86
781	2050	2	2	1200	-19.59	82.33	349.33	0.07	0	40.84	40.85
782	2050	2	2	1300	-19.33	82.32	127.31	0.96	0	45.52	45.53
783	2050	2	2	1400	-18.97	82.32	148.57	0.95	0	35.87	35.88
784	2050	2	2	1500	-19.06	82.32	148.57	0.95	0	19.01	19.02
785	2050	2	2	1600	-19.06	82.32	148.57	0.95	0	4.96	4.97
786	2050	2	2	1700	-19.15	82.32	148.57	0.95	0	0	0
787	2050	2	2	1800	-18.97	82.32	127.31	0.96	0	0	0
788	2050	2	2	1900	-18.8	83.26	349.33	0.07	0	0	0
789	2050	2	2	2000	-18.62	83.26	349.33	0.07	0	0	0
790	2050	2	2	2100	-18.45	83.26	349.33	0.07	0	0	0
791	2050	2	2	2200	-18.27	83.74	349.33	0.07	0	0	0
792	2050	2	2	2300	-18.09	83.88	349.33	0.07	0	0	0
793	2050	2	3	0	-18.18	83.81	349.33	0.07	0	0	0
794	2050	2	3	100	-18.27	83.25	37.02	1.06	0	0	0
795	2050	2	3	200	-18.36	83.26	56.3	1.04	0	0	0
796	2050	2	3	300	-18.71	83.26	56.3	1.04	0	0	0
797	2050	2	3	400	-18.97	83.17	46.61	1.05	0	0	0
798	2050	2	3	500	-19.33	82.88	46.61	1.05	0	0	0
799	2050	2	3	600	-19.68	82.6	27.51	1.07	0	0	0
800	2050	2	3	700	-20.03	82.31	349.33	0.07	0	0	0
801	2050	2	3	800	-20.39	82.03	349.33	0.07	0	0	0
802	2050	2	3	900	-20.39	82.03	349.33	0.07	0	0	0
803	2050	2	3	1000	-20.3	82.1	349.33	0.07	0	7.02	7.03
804	2050	2	3	1100	-20.3	82.1	349.33	0.07	0	25.48	25.48
805	2050	2	3	1200	-19.94	82.33	349.33	0.07	70.56	46.2	53.12
806	2050	2	3	1300	-19.68	82.33	359.3	1.09	113.52	59.4	71.86
807	2050	2	3	1400	-19.33	82.32	359.3	1.09	44	64.3	68.48
808	2050	2	3	1500	-19.59	82.33	359.3	1.09	0	41.59	41.6
809	2050	2	3	1600	-19.94	81.38	349.33	0.07	0	10.96	10.96
810	2050	2	3	1700	-20.21	81.38	349.33	0.07	0	0	0
811	2050	2	3	1800	-21.44	80.45	349.33	0.07	0	0	0
812	2050	2	3	1900	-22.68	80.22	349.33	0.07	0	0	0
813	2050	2	3	2000	-23.91	79.27	349.33	0.07	0	0	0
814	2050	2	3	2100	-23.65	79.47	349.33	0.07	0	0	0
815	2050	2	3	2200	-23.3	79.74	349.33	0.07	0	0	0
816	2050	2	3	2300	-23.03	79.95	349.33	0.07	0	0	0
817	2050	2	4	0	-22.59	80.29	349.33	0.07	0	0	0
818	2050	2	4	100	-22.06	80.71	349.33	0.07	0	0	0
819	2050	2	4	200	-21.62	81.05	349.33	0.07	0	0	0
820	2050	2	4	300	-20.92	81.4	349.33	0.07	0	0	0
821	2050	2	4	400	-20.12	82.24	159.3	0.95	0	0	0
822	2050	2	4	500	-19.42	82.32	170.05	0.95	0	0	0
823	2050	2	4	600	-19.94	82.33	170.05	0.95	0	0	0
824	2050	2	4	700	-20.39	81.39	170.05	0.95	0	0	0
825	2050	2	4	800	-20.92	81.4	170.05	0.95	0	0	0
826	2050	2	4	900	-20.39	81.39	180.8	0.95	0	0	0
827	2050	2	4	1000	-19.94	82.33	180.8	0.95	0	9.65	9.65
828	2050	2	4	1100	-19.42	82.32	191.52	0.95	0	23.7	23.7
829	2050	2	4	1200	-17.21	83.24	202.18	0.96	0	34.09	34.1

830	2050	2	4	1300	-15.01	85.1	349.33	0.07	0	39.06	39.07
831	2050	2	4	1400	-12.8	86.01	349.33	0.07	0	37.74	37.76
832	2050	2	4	1500	-13.86	86.02	340.61	1.09	0	26.79	26.79
833	2050	2	4	1600	-14.92	85.09	321.86	1.08	0	8.62	8.62
834	2050	2	4	1700	-15.98	85.11	301.49	2.08	0	0	0
835	2050	2	4	1800	-17.3	84.19	281.86	2.06	0	0	0
836	2050	2	4	1900	-18.53	83.26	243.88	1	0	0	0
837	2050	2	4	2000	-19.86	82.33	223.25	0.97	0	0	0
838	2050	2	4	2100	-20.65	81.82	202.18	0.96	0	0	0
839	2050	2	4	2200	-21.53	81.12	190.73	1.97	0	0	0
840	2050	2	4	2300	-22.33	80.5	170.02	1.96	0	0	0
841	2050	2	5	0	-22.77	80.15	170.02	1.96	0	0	0
842	2050	2	5	100	-23.21	79.81	170.05	0.95	0	0	0
843	2050	2	5	200	-23.65	79.47	170.05	0.95	0	0	0
844	2050	2	5	300	-23.91	79.27	170.05	0.95	0	0	0
845	2050	2	5	400	-24.18	79.06	170.02	1.96	0	0	0
846	2050	2	5	500	-24.44	78.86	170.02	1.96	0	0	0
847	2050	2	5	600	-23.03	79.95	170.02	1.96	0	0	0
848	2050	2	5	700	-21.62	81.05	159.3	0.95	0	0	0
849	2050	2	5	800	-20.21	82.17	159.3	0.95	0	0	0
850	2050	2	5	900	-19.59	82.33	159.3	0.95	0	0	0
851	2050	2	5	1000	-19.06	82.32	170.02	1.96	0	11.15	11.15
852	2050	2	5	1100	-18.45	82.31	170.02	1.96	0	34.56	34.57
853	2050	2	5	1200	-18.62	82.31	170.02	1.96	91.64	54.9	64.83
854	2050	2	5	1300	-18.8	82.31	170.02	1.96	188.32	56.8	79.35
855	2050	2	5	1400	-18.97	82.32	170.02	1.96	107	50	61.46
856	2050	2	5	1500	-18.18	82.3	170.02	1.96	0	34.37	34.38
857	2050	2	5	1600	-17.3	83.24	159.3	0.95	0	10.96	10.96
858	2050	2	5	1700	-16.51	83.22	159.3	0.95	0	0	0
859	2050	2	5	1800	-15.53	84.16	159.3	0.95	0	0	0
860	2050	2	5	1900	-14.65	84.15	149.31	1.97	0	0	0
861	2050	2	5	2000	-13.68	85.08	149.31	1.97	0	0	0
862	2050	2	5	2100	-13.24	85.07	159.66	1.97	0	0	0
863	2050	2	5	2200	-12.71	86.01	159.3	0.95	0	0	0
864	2050	2	5	2300	-12.27	86	170.05	0.95	0	0	0
865	2050	2	6	0	-12.18	86	170.05	0.95	0	0	0
866	2050	2	6	100	-12.18	86	159.3	0.95	0	0	0
867	2050	2	6	200	-12.1	86	159.3	0.95	0	0	0
868	2050	2	6	300	-10.95	86.93	159.3	0.95	0	0	0
869	2050	2	6	400	-9.8	86.92	170.02	1.96	0	0	0
870	2050	2	6	500	-8.66	87.84	170.02	1.96	0	0	0
871	2050	2	6	600	-8.66	88.78	170.02	1.96	0	0	0
872	2050	2	6	700	-8.74	88.78	170.02	2.98	0	0	0
873	2050	2	6	800	-8.74	89.71	170.02	2.98	0	0	0
874	2050	2	6	900	-8.92	89.71	170.02	2.98	0	0	0
875	2050	2	6	1000	-9.1	88.78	180.39	1.97	0	5.43	5.43
876	2050	2	6	1100	-9.27	88.78	180.39	1.97	0	22.85	22.86
877	2050	2	6	1200	-9.36	88.79	180.39	1.97	0	42.15	42.16
878	2050	2	6	1300	-9.45	88.79	190.48	2.99	0	56.48	56.49
879	2050	2	6	1400	-9.54	88.79	190.48	2.99	0	51.23	51.25
880	2050	2	6	1500	-9.98	88.79	190.48	2.99	0	29.13	29.14
881	2050	2	6	1600	-10.51	87.86	180.39	1.97	0	8.62	8.62
882	2050	2	6	1700	-10.95	87.87	180.39	1.97	0	0	0
883	2050	2	6	1800	-10.77	87.86	180.39	1.97	0	0	0
884	2050	2	6	1900	-10.51	88.8	180.39	1.97	0	0	0
885	2050	2	6	2000	-10.33	88.8	180.39	1.97	0	0	0
886	2050	2	6	2100	-10.24	88.79	170.02	1.96	0	0	0
887	2050	2	6	2200	-10.07	87.86	170.05	0.95	0	0	0
888	2050	2	6	2300	-9.98	87.86	159.3	0.95	0	0	0
889	2050	2	7	0	-9.89	87.85	170.05	0.95	0	0	0
890	2050	2	7	100	-9.89	88.79	180.8	0.95	0	0	0
891	2050	2	7	200	-9.8	88.79	191.52	0.95	0	0	0
892	2050	2	7	300	-9.8	88.79	202.18	0.96	0	0	0
893	2050	2	7	400	-9.89	88.79	349.33	0.07	0	0	0

894	2050	2	7	500	-9.89	88.79	349.33	0.07	0	0	0
895	2050	2	7	600	-11.48	87.87	359.3	1.09	0	0	0
896	2050	2	7	700	-12.98	87.89	180.8	0.95	0	0	0
897	2050	2	7	800	-14.56	86.81	180.39	1.97	0	0	0
898	2050	2	7	900	-15.18	86.04	170.02	1.96	0	0	0
899	2050	2	7	1000	-15.71	85.85	170.05	0.95	0	9.65	9.65
900	2050	2	7	1100	-16.33	85.12	159.3	0.95	0	30.72	30.73
901	2050	2	7	1200	-15.27	86.04	170.05	0.95	74.25	50.8	59.58
902	2050	2	7	1300	-14.12	86.03	170.02	1.96	132.89	61	78.32
903	2050	2	7	1400	-13.07	86.95	180.39	1.97	114.34	56.1	69.51
904	2050	2	7	1500	-12.89	86.95	180.39	1.97	0	41.87	41.88
905	2050	2	7	1600	-12.71	86.95	170.02	1.96	0	13.49	13.49
906	2050	2	7	1700	-12.54	86.95	170.02	1.96	0	1.31	1.31
907	2050	2	7	1800	-12.01	86.94	190.73	1.97	0	0	0
908	2050	2	7	1900	-11.39	87.87	202.18	0.96	0	0	0
909	2050	2	7	2000	-10.86	87.87	223.25	0.97	0	0	0
910	2050	2	7	2100	-11.83	86.94	243.88	1	0	0	0
911	2050	2	7	2200	-12.89	86.95	254.01	1.01	0	0	0
912	2050	2	7	2300	-13.86	86.02	273.9	1.03	0	0	0
913	2050	2	8	0	-14.74	86.04	254.01	1.01	0	0	0
914	2050	2	8	100	-15.62	85.92	212.77	0.96	0	0	0
915	2050	2	8	200	-16.51	85.19	191.52	0.95	0	0	0
916	2050	2	8	300	-17.92	84.03	202.18	0.96	0	0	0
917	2050	2	8	400	-19.42	82.81	349.33	0.07	0	0	0
918	2050	2	8	500	-20.83	81.68	349.33	0.07	0	0	0
919	2050	2	8	600	-21.44	81.19	349.33	0.07	0	0	0
920	2050	2	8	700	-22.06	80.71	349.33	0.07	0	0	0
921	2050	2	8	800	-22.68	80.22	349.33	0.07	0	0	0
922	2050	2	8	900	-22.15	80.64	18.07	1.08	0	2.9	2.9
923	2050	2	8	1000	-21.62	81.05	137.9	0.96	0	19.01	19.02
924	2050	2	8	1100	-21.09	81.47	159.66	1.97	170.7	38.2	53.31
925	2050	2	8	1200	-19.42	82.81	159.66	1.97	265.06	53.8	86.66
926	2050	2	8	1300	-17.83	83.25	159.3	0.95	256.59	61.2	96.03
927	2050	2	8	1400	-16.15	84.17	159.3	0.95	196.71	59.9	84.04
928	2050	2	8	1500	-15.71	85.11	170.05	0.95	0	51.79	51.81
929	2050	2	8	1600	-15.18	85.1	170.02	1.96	0	15.83	15.83
930	2050	2	8	1700	-14.74	86.04	180.39	1.97	0	1.31	1.31
931	2050	2	8	1800	-13.86	86.02	180.39	1.97	0	0	0
932	2050	2	8	1900	-12.89	86.95	180.25	2.98	0	0	0
933	2050	2	8	2000	-12.01	86.94	180.25	2.98	0	0	0
934	2050	2	8	2100	-11.92	86.94	180.25	2.98	0	0	0
935	2050	2	8	2200	-11.92	87.88	180.39	1.97	0	0	0
936	2050	2	8	2300	-11.83	87.88	180.39	1.97	0	0	0
937	2050	2	9	0	-11.12	87.87	190.73	1.97	0	0	0
938	2050	2	9	100	-10.42	88.8	190.48	2.99	0	0	0
939	2050	2	9	200	-9.71	88.79	200.7	2.99	0	0	0
940	2050	2	9	300	-9.36	88.79	200.7	2.99	0	0	0
941	2050	2	9	400	-8.92	88.78	200.52	4.01	0	0	0
942	2050	2	9	500	-8.57	88.78	200.52	4.01	0	0	0
943	2050	2	9	600	-8.21	88.78	200.52	4.01	0	0	0
944	2050	2	9	700	-7.77	89.71	200.52	4.01	0	0	0
945	2050	2	9	800	-7.42	89.7	200.52	4.01	0	0	0
946	2050	2	9	900	-6.98	89.7	200.52	4.01	0	1.31	1.31
947	2050	2	9	1000	-6.54	89.7	200.7	2.99	0	15.08	15.08
948	2050	2	9	1100	-6.1	89.69	200.7	2.99	0	26.04	26.04
949	2050	2	9	1200	-5.48	89.69	200.7	2.99	0	30.16	30.17
950	2050	2	9	1300	-4.86	90.62	200.7	2.99	0	29.69	29.7
951	2050	2	9	1400	-4.25	90.62	200.7	2.99	0	23.13	23.14
952	2050	2	9	1500	-3.72	91.54	200.7	2.99	0	16.67	16.68
953	2050	2	9	1600	-3.28	92.47	201.06	1.97	0	5.99	6
954	2050	2	9	1700	-2.75	93.39	201.06	1.97	0	0	0
955	2050	2	9	1800	-2.66	93.39	211.35	1.98	0	0	0
956	2050	2	9	1900	-2.57	93.39	211.35	1.98	0	0	0
957	2050	2	9	2000	-2.48	93.39	221.59	1.99	0	0	0

958	2050	2	9	2100	-2.3	94.31	211.35	1.98	0	0	0
959	2050	2	9	2200	-2.22	94.31	211.35	1.98	0	0	0
960	2050	2	9	2300	-2.04	95.23	201.06	1.97	0	0	0
961	2050	2	10	0	-1.78	95.23	190.73	1.97	0	0	0
962	2050	2	10	100	-1.51	96.14	190.48	2.99	0	0	0
963	2050	2	10	200	-1.25	96.14	180.25	2.98	0	0	0
964	2050	2	10	300	-1.16	96.14	180.25	2.98	0	0	0
965	2050	2	10	400	-1.07	97.06	190.48	2.99	0	0	0
966	2050	2	10	500	-0.98	97.06	190.48	2.99	0	0	0
967	2050	2	10	600	-0.72	97.06	190.48	2.99	0	0	0
968	2050	2	10	700	-0.36	97.97	190.48	2.99	0	0	0
969	2050	2	10	800	-0.1	97.97	190.48	2.99	0	0	0
970	2050	2	10	900	0.16	97.81	190.48	2.99	0	1.31	1.31
971	2050	2	10	1000	0.52	97.48	190.36	4	0	8.05	8.06
972	2050	2	10	1100	0.78	97.23	190.36	4	0	18.45	18.46
973	2050	2	10	1200	0.96	97.06	190.36	4	0	33.06	33.07
974	2050	2	10	1300	1.05	96.08	200.52	4.01	0	42.9	42.91
975	2050	2	10	1400	1.22	95.92	200.52	4.01	0	37.18	37.19
976	2050	2	10	1500	1.13	96	200.52	4.01	0	24.16	24.17
977	2050	2	10	1600	1.05	95.17	200.52	4.01	0	9.93	9.93
978	2050	2	10	1700	0.96	95.26	200.52	4.01	0	1.31	1.31
979	2050	2	10	1800	0.78	96.33	200.52	4.01	0	0	0
980	2050	2	10	1900	0.69	96.41	200.42	5.03	0	0	0
981	2050	2	10	2000	0.52	97.48	200.42	5.03	0	0	0
982	2050	2	10	2100	0.34	97.65	200.42	5.03	0	0	0
983	2050	2	10	2200	0.16	96.9	210.66	4.02	0	0	0
984	2050	2	10	2300	-0.01	97.06	210.66	4.02	0	0	0
985	2050	2	11	0	-0.01	97.06	200.7	2.99	0	0	0
986	2050	2	11	100	-0.01	96.14	200.7	2.99	0	0	0
987	2050	2	11	200	-0.01	96.14	190.73	1.97	0	0	0
988	2050	2	11	300	-0.19	96.14	221.05	3.01	0	0	0
989	2050	2	11	400	-0.28	97.06	280.94	4.1	0	0	0
990	2050	2	11	500	-0.45	97.06	310.5	5.14	0	0	0
991	2050	2	11	600	-1.51	94.31	310.63	4.13	0	0	0
992	2050	2	11	700	-2.66	92.47	300.75	4.12	0	0	0
993	2050	2	11	800	-3.72	89.68	301	3.1	0	0	0
994	2050	2	11	900	-4.16	86.88	301	3.1	0	1.31	1.31
995	2050	2	11	1000	-4.6	83.11	291.14	3.09	0	16.39	16.4
996	2050	2	11	1100	-5.04	80.26	291.14	3.09	15.04	49.2	50.78
997	2050	2	11	1200	-5.13	80.26	301	3.1	118.99	74.3	91.06
998	2050	2	11	1300	-5.22	80.26	301.49	2.08	158.99	69.7	93.97
999	2050	2	11	1400	-5.3	80.26	311.24	2.09	239.46	51.5	84.88
1000	2050	2	11	1500	-5.66	82.16	310.83	3.11	304.03	35.2	66.33
1001	2050	2	11	1600	-6.1	83.11	310.83	3.11	0	26.04	26.04
1002	2050	2	11	1700	-6.45	85.01	310.63	4.13	0	3.65	3.65
1003	2050	2	11	1800	-6.27	86.89	310.83	3.11	0	0	0
1004	2050	2	11	1900	-6.01	87.83	301	3.1	0	0	0
1005	2050	2	11	2000	-5.83	89.69	301.49	2.08	0	0	0
1006	2050	2	11	2100	-5.66	88.76	311.24	2.09	0	0	0
1007	2050	2	11	2200	-5.48	88.76	320.64	3.12	0	0	0
1008	2050	2	11	2300	-5.3	87.82	330.43	3.12	0	0	0
1009	2050	2	12	0	-7.07	87.83	320.64	3.12	0	0	0
1010	2050	2	12	100	-8.92	86.91	320.64	3.12	0	0	0
1011	2050	2	12	200	-10.68	86.93	310.83	3.11	0	0	0
1012	2050	2	12	300	-13.33	85.07	281.24	3.08	0	0	0
1013	2050	2	12	400	-16.06	84.17	201.06	1.97	0	0	0
1014	2050	2	12	500	-18.71	82.31	170.02	1.96	0	0	0
1015	2050	2	12	600	-19.94	82.33	170.02	1.96	0	0	0
1016	2050	2	12	700	-21.09	81.47	159.66	1.97	0	0	0
1017	2050	2	12	800	-22.33	80.5	159.66	1.97	0	0	0
1018	2050	2	12	900	-18.8	82.31	170.02	1.96	0	7.02	7.03
1019	2050	2	12	1000	-15.36	83.21	180.25	2.98	0	28.38	28.39
1020	2050	2	12	1100	-11.83	83.16	190.48	2.99	204.16	55.3	77.85
1021	2050	2	12	1200	-10.86	83.15	200.52	4.01	139.02	79.3	99.68

1022	2050	2	12	1300	-9.89	82.19	200.52	4.01	0	77.27	77.29
1023	2050	2	12	1400	-8.92	82.19	210.53	5.04	0	56.76	56.77
1024	2050	2	12	1500	-8.13	84.07	220.52	6.06	0	32.78	32.79
1025	2050	2	12	1600	-7.42	85.96	220.52	6.06	0	8.62	8.62
1026	2050	2	12	1700	-6.63	87.83	230.5	7.09	0	0	0
1027	2050	2	12	1800	-6.98	87.83	250.8	5.08	0	0	0
1028	2050	2	12	1900	-7.24	86.9	261.01	4.07	0	0	0
1029	2050	2	12	2000	-7.6	86.9	281.86	2.06	0	0	0
1030	2050	2	12	2100	-9.63	85.97	291.7	2.07	0	0	0
1031	2050	2	12	2200	-11.74	86	311.24	2.09	0	0	0
1032	2050	2	12	2300	-13.77	85.08	320.96	2.1	0	0	0
1033	2050	2	13	0	-15.27	84.15	349.98	2.11	0	0	0
1034	2050	2	13	100	-16.77	83.23	37.02	1.06	0	0	0
1035	2050	2	13	200	-18.27	82.3	66.08	1.03	0	0	0
1036	2050	2	13	300	-18.18	82.3	46.61	1.05	0	0	0
1037	2050	2	13	400	-18.09	83.25	349.33	0.07	0	0	0
1038	2050	2	13	500	-18	83.25	349.33	0.07	0	0	0
1039	2050	2	13	600	-18.27	83.25	340.61	1.09	0	0	0
1040	2050	2	13	700	-18.45	83.26	321.86	1.08	0	0	0
1041	2050	2	13	800	-18.71	83.26	301.49	2.08	0	0	0
1042	2050	2	13	900	-17.48	83.24	301.49	2.08	0	4.12	4.12
1043	2050	2	13	1000	-16.33	84.17	293.34	1.06	0	24.45	24.45
1044	2050	2	13	1100	-15.09	84.15	293.34	1.06	0	55.63	55.65
1045	2050	2	13	1200	-13.77	84.13	291.7	2.07	69.19	76.4	86.94
1046	2050	2	13	1300	-12.36	83.17	291.7	2.07	145.8	77.6	101.46
1047	2050	2	13	1400	-11.04	83.15	291.14	3.09	178.61	71.7	98.65
1048	2050	2	13	1500	-12.45	83.17	281.86	2.06	137.98	52.8	68.48
1049	2050	2	13	1600	-13.86	84.13	281.86	2.06	0	27.54	27.54
1050	2050	2	13	1700	-15.27	84.15	273.9	1.03	0	5.99	6
1051	2050	2	13	1800	-17.03	83.23	243.88	1	0	0	0
1052	2050	2	13	1900	-18.8	81.36	202.18	0.96	0	0	0
1053	2050	2	13	2000	-20.56	80.43	170.05	0.95	0	0	0
1054	2050	2	13	2100	-21.27	80.45	159.3	0.95	0	0	0
1055	2050	2	13	2200	-21.97	79.5	349.33	0.07	0	0	0
1056	2050	2	13	2300	-22.68	79.52	349.33	0.07	0	0	0
1057	2050	2	14	0	-23.03	79.53	349.33	0.07	0	0	0
1058	2050	2	14	100	-23.38	78.57	137.9	0.96	0	0	0
1059	2050	2	14	200	-23.74	78.58	159.3	0.95	0	0	0
1060	2050	2	14	300	-23.65	79.47	159.66	1.97	0	0	0
1061	2050	2	14	400	-23.65	79.47	170.02	1.96	0	0	0
1062	2050	2	14	500	-23.56	79.54	170.02	2.98	0	0	0
1063	2050	2	14	600	-20.21	82.17	170.02	2.98	0	0	0
1064	2050	2	14	700	-16.86	84.89	170.02	2.98	0	0	0
1065	2050	2	14	800	-13.51	86.96	170.02	2.98	0	0	0
1066	2050	2	14	900	-12.1	86.94	170.02	2.98	0	5.43	5.43
1067	2050	2	14	1000	-10.68	87.86	180.39	1.97	0	28.38	28.39
1068	2050	2	14	1100	-9.27	87.85	180.39	1.97	4.67	59	59.58
1069	2050	2	14	1200	-7.77	87.84	201.06	1.97	0	68.65	68.67
1070	2050	2	14	1300	-6.19	87.83	210.89	3	0	62.19	62.21
1071	2050	2	14	1400	-4.69	87.82	231.18	3.02	0	54.42	54.43
1072	2050	2	14	1500	-5.22	87.82	221.05	3.01	0	38.21	38.22
1073	2050	2	14	1600	-5.74	87.82	211.35	1.98	0	19.01	19.02
1074	2050	2	14	1700	-6.27	87.83	201.06	1.97	0	4.96	4.97
1075	2050	2	14	1800	-5.92	87.83	201.06	1.97	0	0	0
1076	2050	2	14	1900	-5.57	88.76	190.48	2.99	0	0	0
1077	2050	2	14	2000	-5.22	88.76	190.48	2.99	0	0	0
1078	2050	2	14	2100	-5.04	89.69	190.48	2.99	0	0	0
1079	2050	2	14	2200	-4.95	89.69	190.48	2.99	0	0	0
1080	2050	2	14	2300	-4.77	90.62	190.48	2.99	0	0	0
1081	2050	2	15	0	-4.07	91.54	200.7	2.99	0	0	0
1082	2050	2	15	100	-3.28	91.54	200.52	4.01	0	0	0
1083	2050	2	15	200	-2.57	92.47	210.66	4.02	0	0	0
1084	2050	2	15	300	-2.04	91.54	220.63	5.04	0	0	0
1085	2050	2	15	400	-1.42	90.61	230.71	5.05	0	0	0

1086	2050	2	15	500	-0.89	89.68	240.64	6.08	0	0	0
1087	2050	2	15	600	-0.89	89.68	240.64	6.08	0	0	0
1088	2050	2	15	700	-0.89	90.61	240.76	5.07	0	0	0
1089	2050	2	15	800	-0.89	90.61	240.76	5.07	0	0	0
1090	2050	2	15	900	-0.01	86.88	260.67	6.11	0	5.43	5.43
1091	2050	2	15	1000	0.96	81.4	280.62	6.13	0	24.16	24.17
1092	2050	2	15	1100	1.84	76.96	300.43	7.17	14.63	45.7	47.59
1093	2050	2	15	1200	1.4	70.6	300.43	7.17	182.89	59.4	89.28
1094	2050	2	15	1300	1.05	64.99	300.5	6.15	297.16	64.9	117.11
1095	2050	2	15	1400	0.61	58.3	300.5	6.15	275.99	59.8	104.65
1096	2050	2	15	1500	0.08	58.6	300.43	7.17	188.68	46.4	69.98
1097	2050	2	15	1600	-0.45	58.64	310.36	7.18	0	31.47	31.48
1098	2050	2	15	1700	-0.98	58.64	310.32	8.2	0	7.31	7.31
1099	2050	2	15	1800	-1.16	60.65	320.24	8.21	0	0	0
1100	2050	2	15	1900	-1.42	62.66	320.22	9.22	0	0	0
1101	2050	2	15	2000	-1.6	64.65	330.15	9.23	0	0	0
1102	2050	2	15	2100	-1.78	69.6	330.17	8.21	0	0	0
1103	2050	2	15	2200	-2.04	75.44	320.33	6.17	0	0	0
1104	2050	2	15	2300	-2.22	80.25	320.39	5.15	0	0	0
1105	2050	2	16	0	-2.57	78.34	320.39	5.15	0	0	0
1106	2050	2	16	100	-2.92	75.44	320.39	5.15	0	0	0
1107	2050	2	16	200	-3.28	73.51	320.39	5.15	0	0	0
1108	2050	2	16	300	-3.01	73.5	320.39	5.15	0	0	0
1109	2050	2	16	400	-2.83	73.5	320.33	6.17	0	0	0
1110	2050	2	16	500	-2.57	73.5	320.33	6.17	0	0	0
1111	2050	2	16	600	-2.75	76.41	320.39	5.15	0	0	0
1112	2050	2	16	700	-2.92	80.25	330.26	5.16	0	0	0
1113	2050	2	16	800	-3.1	83.11	330.33	4.14	0	0	0
1114	2050	2	16	900	-3.19	82.16	320.49	4.13	0	7.02	7.03
1115	2050	2	16	1000	-3.19	81.2	320.49	4.13	0	26.79	26.79
1116	2050	2	16	1100	-3.28	80.25	310.63	4.13	0	59.85	59.87
1117	2050	2	16	1200	-3.1	75.44	310.63	4.13	0	82.23	82.26
1118	2050	2	16	1300	-3.01	70.58	300.6	5.14	183.8	77.5	110.83
1119	2050	2	16	1400	-2.83	65.65	300.6	5.14	203.12	65.2	99.4
1120	2050	2	16	1500	-2.66	69.6	290.69	5.13	15.8	48.7	50.78
1121	2050	2	16	1600	-2.57	72.53	270.99	4.09	0	21.35	21.36
1122	2050	2	16	1700	-2.39	76.41	261.01	4.07	0	4.96	4.97
1123	2050	2	16	1800	-2.22	76.41	261.01	4.07	0	0	0
1124	2050	2	16	1900	-1.95	75.44	251	4.06	0	0	0
1125	2050	2	16	2000	-1.78	75.44	251	4.06	0	0	0
1126	2050	2	16	2100	-1.42	77.37	270.99	4.09	0	0	0
1127	2050	2	16	2200	-1.16	79.29	290.69	5.13	0	0	0
1128	2050	2	16	2300	-0.81	81.2	310.5	5.14	0	0	0
1129	2050	2	17	0	-0.45	83.11	310.5	5.14	0	0	0
1130	2050	2	17	100	-0.1	85	310.5	5.14	0	0	0
1131	2050	2	17	200	0.25	86.67	310.5	5.14	0	0	0
1132	2050	2	17	300	1.05	84.14	300.6	5.14	0	0	0
1133	2050	2	17	400	1.75	80.78	300.6	5.14	0	0	0
1134	2050	2	17	500	2.55	78.3	290.69	5.13	0	0	0
1135	2050	2	17	600	2.72	77.37	290.69	5.13	0	0	0
1136	2050	2	17	700	2.9	77.37	300.5	6.15	0	0	0
1137	2050	2	17	800	3.08	76.43	300.5	6.15	0	0	0
1138	2050	2	17	900	3.43	75.5	300.5	6.15	0	5.43	5.43
1139	2050	2	17	1000	3.69	73.61	300.6	5.14	0	22.85	22.86
1140	2050	2	17	1100	4.05	72.67	300.6	5.14	0	38.03	38.04
1141	2050	2	17	1200	4.31	70.77	300.6	5.14	0	52.82	52.84
1142	2050	2	17	1300	4.57	69.82	300.5	6.15	0	77.83	77.85
1143	2050	2	17	1400	4.84	67.91	300.5	6.15	3.42	80.8	81.41
1144	2050	2	17	1500	4.75	67.91	300.5	6.15	8.94	62	63.24
1145	2050	2	17	1600	4.75	68.87	290.69	5.13	0	32.5	32.51
1146	2050	2	17	1700	4.66	68.87	290.69	5.13	0	5.99	6
1147	2050	2	17	1800	4.57	67.91	300.6	5.14	0	0	0
1148	2050	2	17	1900	4.57	67.91	300.6	5.14	0	0	0
1149	2050	2	17	2000	4.49	66.95	310.5	5.14	0	0	0

1150	2050	2	17	2100	4.05	69.82	300.75	4.12	0	0	0
1151	2050	2	17	2200	3.69	72.67	300.75	4.12	0	0	0
1152	2050	2	17	2300	3.25	75.5	291.14	3.09	0	0	0
1153	2050	2	18	0	3.16	75.5	291.14	3.09	0	0	0
1154	2050	2	18	100	3.16	75.5	301	3.1	0	0	0
1155	2050	2	18	200	3.08	75.5	301	3.1	0	0	0
1156	2050	2	18	300	2.72	76.43	301.49	2.08	0	0	0
1157	2050	2	18	400	2.46	76.5	301.49	2.08	0	0	0
1158	2050	2	18	500	2.11	77.7	302.92	1.07	0	0	0
1159	2050	2	18	600	0.69	85.36	283.67	1.05	0	0	0
1160	2050	2	18	700	-0.81	91.54	252	2.03	0	0	0
1161	2050	2	18	800	-2.22	97.87	231.78	2	0	0	0
1162	2050	2	18	900	-0.89	90.61	241.92	2.01	0	9.65	9.65
1163	2050	2	18	1000	0.34	82.83	241.28	3.03	129.16	43.1	54.43
1164	2050	2	18	1100	1.66	74.24	251.33	3.04	100.49	68.4	83.01
1165	2050	2	18	1200	1.84	73.17	251.33	3.04	92.46	95.9	112.7
1166	2050	2	18	1300	2.11	72.98	240.95	4.05	34.93	107.4	114.2
1167	2050	2	18	1400	2.28	71.91	240.95	4.05	0	79.89	79.91
1168	2050	2	18	1500	1.75	73.23	240.95	4.05	0	53.57	53.59
1169	2050	2	18	1600	1.22	1600	240.95	4.05	0	25.19	25.2
1170	2050	2	18	1700	0.69	76.86	240.95	4.05	0	5.99	6
1171	2050	2	18	1800	1.49	72.46	240.76	5.07	0	0	0
1172	2050	2	18	1900	2.28	69.04	250.66	6.1	0	0	0
1173	2050	2	18	2000	3.08	65.02	250.57	7.11	0	0	0
1174	2050	2	18	2100	2.81	66.95	250.57	7.11	0	0	0
1175	2050	2	18	2200	2.63	67.91	260.67	6.11	0	0	0
1176	2050	2	18	2300	2.37	69.94	260.67	6.11	0	0	0
1177	2050	2	19	0	2.11	72.03	260.67	6.11	0	0	0
1178	2050	2	19	100	1.93	75	260.67	6.11	0	0	0
1179	2050	2	19	200	1.66	77.09	260.67	6.11	0	0	0
1180	2050	2	19	300	1.13	80.32	240.64	6.08	0	0	0
1181	2050	2	19	400	0.69	82.55	220.63	5.04	0	0	0
1182	2050	2	19	500	0.16	85.8	200.42	5.03	0	0	0
1183	2050	2	19	600	0.87	85.22	200.42	5.03	0	0	0
1184	2050	2	19	700	1.66	83.64	200.42	5.03	0	0	0
1185	2050	2	19	800	2.37	83.07	200.42	5.03	0	0	0
1186	2050	2	19	900	3.34	78.3	210.44	6.05	0	2.9	2.9
1187	2050	2	19	1000	4.31	73.61	230.5	7.09	0	10.68	10.68
1188	2050	2	19	1100	5.28	68.87	240.48	8.12	0	23.98	23.98
1189	2050	2	19	1200	5.37	62.12	250.4	10.17	0	38.21	38.22
1190	2050	2	19	1300	5.54	56.23	250.36	11.18	0	47.11	47.12
1191	2050	2	19	1400	5.63	49.25	260.31	13.23	0	50.76	50.78
1192	2050	2	19	1500	3.08	60.16	290.29	12.25	0	46.55	46.56
1193	2050	2	19	1600	0.43	71.26	320.2	10.24	0	25.01	25.01
1194	2050	2	19	1700	-2.13	82.16	349.99	9.23	0	4.96	4.97
1195	2050	2	19	1800	-3.28	81.2	340.09	7.2	0	0	0
1196	2050	2	19	1900	-4.33	81.21	340.13	5.16	0	0	0
1197	2050	2	19	2000	-5.48	80.26	330.43	3.12	0	0	0
1198	2050	2	19	2100	-6.54	84.06	330.43	3.12	0	0	0
1199	2050	2	19	2200	-7.69	86.9	330.64	2.1	0	0	0
1200	2050	2	19	2300	-8.74	90.64	330.64	2.1	0	0	0
1201	2050	2	20	0	-9.8	90.65	330.64	2.1	0	0	0
1202	2050	2	20	100	-10.95	89.74	340.32	2.11	0	0	0
1203	2050	2	20	200	-12.01	88.99	340.32	2.11	0	0	0
1204	2050	2	20	300	-11.83	89.14	330.64	2.1	0	0	0
1205	2050	2	20	400	-11.65	89.3	330.43	3.12	0	0	0
1206	2050	2	20	500	-11.48	89.45	320.64	3.12	0	0	0
1207	2050	2	20	600	-14.21	87.11	320.64	3.12	0	0	0
1208	2050	2	20	700	-17.03	84.75	310.83	3.11	0	0	0
1209	2050	2	20	800	-19.77	82.53	310.83	3.11	0	1.31	1.31
1210	2050	2	20	900	-18.27	83.74	320.64	3.12	0	20.51	20.52
1211	2050	2	20	1000	-16.77	84.97	320.96	2.1	225.18	41.9	64.27
1212	2050	2	20	1100	-15.27	85.1	330.64	2.1	314.62	63.9	113.45
1213	2050	2	20	1200	-12.54	81.27	340.32	2.11	383.05	73.6	147.84

1214	2050	2	20	1300	-9.8	78.37	349.98	3.12	410.98	77.1	161.61
1215	2050	2	20	1400	-7.07	74.49	359.76	3.12	363.77	74.6	144.46
1216	2050	2	20	1500	-7.69	75.46	349.98	3.12	296.93	59.6	105.4
1217	2050	2	20	1600	-8.3	76.43	340.21	3.12	244.68	37.6	60.9
1218	2050	2	20	1700	-8.92	77.4	330.43	3.12	0	19.48	19.49
1219	2050	2	20	1800	-9.98	81.24	330.43	3.12	0	1.31	1.31
1220	2050	2	20	1900	-11.12	85.05	330.33	4.14	0	0	0
1221	2050	2	20	2000	-12.18	88.82	330.33	4.14	0	0	0
1222	2050	2	20	2100	-13.51	87.7	320.49	4.13	0	0	0
1223	2050	2	20	2200	-14.92	86.51	320.64	3.12	0	0	0
1224	2050	2	20	2300	-16.24	85.4	310.83	3.11	0	0	0
1225	2050	2	21	0	-18.09	83.88	310.83	3.11	0	0	0
1226	2050	2	21	100	-19.86	82.46	310.63	4.13	0	0	0
1227	2050	2	21	200	-21.71	80.98	310.63	4.13	0	0	0
1228	2050	2	21	300	-22.77	80.15	281.24	3.08	0	0	0
1229	2050	2	21	400	-23.83	79.33	200.7	2.99	0	0	0
1230	2050	2	21	500	-24.88	78.52	170.02	1.96	0	0	0
1231	2050	2	21	600	-25.68	77.92	170.02	1.96	0	0	0
1232	2050	2	21	700	-26.56	77.25	159.66	1.97	0	0	0
1233	2050	2	21	800	-27.35	76.66	159.66	1.97	0	2.9	2.9
1234	2050	2	21	900	-25.15	78.32	159.66	1.97	0	31.47	31.48
1235	2050	2	21	1000	-22.94	80.02	149.31	1.97	154.3	59.2	75.51
1236	2050	2	21	1100	-20.74	81.75	149.31	1.97	202.81	92.5	125.73
1237	2050	2	21	1200	-17.83	84.1	170.02	2.98	144.09	116.4	145.21
1238	2050	2	21	1300	-14.92	84.15	180.19	4	37.49	125.8	133.78
1239	2050	2	21	1400	-12.01	85.06	200.42	5.03	0	112.11	112.14
1240	2050	2	21	1500	-11.21	84.1	200.35	6.05	0	71.28	71.29
1241	2050	2	21	1600	-10.42	83.15	200.3	7.06	0	32.78	32.79
1242	2050	2	21	1700	-9.63	82.19	200.26	8.08	0	8.62	8.62
1243	2050	2	21	1800	-8.92	83.13	210.33	8.09	0	0	0
1244	2050	2	21	1900	-8.13	83.13	210.38	7.07	0	0	0
1245	2050	2	21	2000	-7.42	84.07	220.45	7.08	0	0	0
1246	2050	2	21	2100	-7.42	85.01	220.52	6.06	0	0	0
1247	2050	2	21	2200	-7.51	85.01	230.71	5.05	0	0	0
1248	2050	2	21	2300	-7.51	85.96	230.88	4.04	0	0	0
1249	2050	2	22	0	-7.24	85.96	251	4.06	0	0	0
1250	2050	2	22	100	-7.07	85.01	270.79	5.1	0	0	0
1251	2050	2	22	200	-6.8	85.01	290.69	5.13	0	0	0
1252	2050	2	22	300	-6.8	84.07	290.86	4.11	0	0	0
1253	2050	2	22	400	-6.71	84.07	300.75	4.12	0	0	0
1254	2050	2	22	500	-6.71	83.12	301	3.1	0	0	0
1255	2050	2	22	600	-6.36	85.01	281.24	3.08	0	0	0
1256	2050	2	22	700	-6.1	85.95	241.92	2.01	0	0	0
1257	2050	2	22	800	-5.74	87.82	221.59	1.99	0	0	0
1258	2050	2	22	900	-4.33	84.05	211.35	1.98	0	11.43	11.43
1259	2050	2	22	1000	-3.01	79.29	190.73	1.97	0	33.81	33.82
1260	2050	2	22	1100	-1.6	75.44	180.39	1.97	0	58.54	58.55
1261	2050	2	22	1200	-1.07	72.53	201.06	1.97	0	75.96	75.98
1262	2050	2	22	1300	-0.63	68.61	231.78	2	0	85.04	85.07
1263	2050	2	22	1400	-0.1	65.65	252	2.03	0	84.29	84.32
1264	2050	2	22	1500	-0.81	68.61	262.01	2.04	0	67.9	67.92
1265	2050	2	22	1600	-1.6	70.58	281.86	2.06	0	38.78	38.79
1266	2050	2	22	1700	-2.3	73.5	291.7	2.07	0	11.99	11.99
1267	2050	2	22	1800	-3.89	80.25	311.24	2.09	0	1.31	1.31
1268	2050	2	22	1900	-5.39	87.82	320.64	3.12	0	0	0
1269	2050	2	22	2000	-6.98	93.45	340.21	3.12	0	0	0
1270	2050	2	22	2100	-8.21	92.33	330.43	3.12	0	0	0
1271	2050	2	22	2200	-9.54	91.15	320.96	2.1	0	0	0
1272	2050	2	22	2300	-10.77	90.07	311.24	2.09	0	0	0
1273	2050	2	23	0	-10.6	90.22	281.86	2.06	0	0	0
1274	2050	2	23	100	-10.33	89.73	201.06	1.97	0	0	0
1275	2050	2	23	200	-10.15	88.79	170.02	1.96	0	0	0
1276	2050	2	23	300	-8.48	90.64	170.02	1.96	0	0	0
1277	2050	2	23	400	-6.71	92.48	170.02	1.96	0	0	0

1278	2050	2	23	500	-5.04	94.32	170.02	1.96	0	0	0
1279	2050	2	23	600	-5.83	94.32	180.39	1.97	0	0	0
1280	2050	2	23	700	-6.54	93.4	180.39	1.97	0	0	0
1281	2050	2	23	800	-7.33	93.13	190.73	1.97	0	1.59	1.59
1282	2050	2	23	900	-5.48	93.4	190.73	1.97	0	21.35	21.36
1283	2050	2	23	1000	-3.54	94.31	190.48	2.99	0	52.26	52.28
1284	2050	2	23	1100	-1.69	94.31	190.48	2.99	5.77	80	80.94
1285	2050	2	23	1200	0.34	84.72	220.79	4.03	96.89	94.7	115.33
1286	2050	2	23	1300	2.28	72.85	261.01	4.07	63.5	107	121.23
1287	2050	2	23	1400	4.31	63.09	290.69	5.13	37.8	115.4	123.38
1288	2050	2	23	1500	4.13	63.09	290.69	5.13	107.23	95.7	114.2
1289	2050	2	23	1600	3.96	64.06	280.75	5.11	83.13	52.3	61.65
1290	2050	2	23	1700	3.78	64.06	280.75	5.11	0	15.64	15.65
1291	2050	2	23	1800	3.43	65.02	280.75	5.11	0	1.31	1.31
1292	2050	2	23	1900	3.16	65.99	270.79	5.1	0	0	0
1293	2050	2	23	2000	2.81	66.95	270.79	5.1	0	0	0
1294	2050	2	23	2100	2.28	70.95	270.99	4.09	0	0	0
1295	2050	2	23	2200	1.84	74.12	280.94	4.1	0	0	0
1296	2050	2	23	2300	1.31	78.3	281.24	3.08	0	0	0
1297	2050	2	24	0	0.52	81.75	271.31	3.07	0	0	0
1298	2050	2	24	100	-0.19	84.05	262.01	2.04	0	0	0
1299	2050	2	24	200	-0.98	86.88	252	2.03	0	0	0
1300	2050	2	24	300	-1.16	87.81	241.92	2.01	0	0	0
1301	2050	2	24	400	-1.33	89.68	233.63	0.98	0	0	0
1302	2050	2	24	500	-1.51	90.61	223.25	0.97	0	0	0
1303	2050	2	24	600	-1.6	90.61	202.18	0.96	0	0	0
1304	2050	2	24	700	-1.78	91.54	191.52	0.95	0	0	0
1305	2050	2	24	800	-1.86	91.54	170.05	0.95	0	2.9	2.9
1306	2050	2	24	900	-1.69	89.68	170.02	1.96	0	13.77	13.77
1307	2050	2	24	1000	-1.6	88.75	180.39	1.97	0	32.22	32.23
1308	2050	2	24	1100	-1.42	86.88	180.25	2.98	0	47.39	47.41
1309	2050	2	24	1200	-0.54	84.05	200.7	2.99	0	62.19	62.21
1310	2050	2	24	1300	0.43	81.82	210.89	3	0	75.96	75.98
1311	2050	2	24	1400	1.31	78.3	231.18	3.02	0	66.31	66.33
1312	2050	2	24	1500	1.31	78.3	241.28	3.03	0	44.77	44.78
1313	2050	2	24	1600	1.4	78.23	261.34	3.06	0	30.72	30.73
1314	2050	2	24	1700	1.4	78.23	271.31	3.07	0	13.3	13.3
1315	2050	2	24	1800	1.84	76.01	270.99	4.09	0	1.31	1.31
1316	2050	2	24	1900	2.37	73.74	270.79	5.1	0	0	0
1317	2050	2	24	2000	2.81	71.72	270.66	6.12	0	0	0
1318	2050	2	24	2100	2.81	71.72	270.79	5.1	0	0	0
1319	2050	2	24	2200	2.9	71.72	280.94	4.1	0	0	0
1320	2050	2	24	2300	2.9	71.72	281.24	3.08	0	0	0
1321	2050	2	25	0	2.72	70.77	271.31	3.07	0	0	0
1322	2050	2	25	100	2.63	70.77	261.01	4.07	0	0	0
1323	2050	2	25	200	2.46	69.88	251	4.06	0	0	0
1324	2050	2	25	300	2.72	69.82	251	4.06	0	0	0
1325	2050	2	25	400	2.9	68.87	260.8	5.09	0	0	0
1326	2050	2	25	500	3.16	68.87	260.8	5.09	0	0	0
1327	2050	2	25	600	3.43	68.87	260.67	6.11	0	0	0
1328	2050	2	25	700	3.78	68.87	270.56	7.14	0	0	0
1329	2050	2	25	800	4.05	68.87	270.49	8.16	0	1.59	1.59
1330	2050	2	25	900	3.78	70.77	290.49	7.16	0	16.95	16.96
1331	2050	2	25	1000	3.6	73.61	330.26	5.16	0	35.87	35.88
1332	2050	2	25	1100	3.34	75.5	349.99	4.14	0	67.34	67.36
1333	2050	2	25	1200	2.63	76.43	340.16	4.14	0	94.22	94.25
1334	2050	2	25	1300	1.93	78.77	330.43	3.12	0	104.62	104.65
1335	2050	2	25	1400	1.22	80.25	320.64	3.12	130.87	105.9	135.1
1336	2050	2	25	1500	1.05	75.64	320.49	4.13	269.07	79.5	129.1
1337	2050	2	25	1600	0.96	69.93	330.26	5.16	179.98	48.6	71.01
1338	2050	2	25	1700	0.78	65.16	330.22	6.17	0	21.64	21.64
1339	2050	2	25	1800	-0.36	63.66	320.33	6.17	0	2.34	2.34
1340	2050	2	25	1900	-1.42	61.66	310.5	5.14	0	0	0
1341	2050	2	25	2000	-2.57	59.65	300.6	5.14	0	0	0

1342	2050	2	25	2100	-3.28	61.66	300.6	5.14	0	0	0
1343	2050	2	25	2200	-3.98	64.65	310.63	4.13	0	0	0
1344	2050	2	25	2300	-4.69	66.64	310.63	4.13	0	0	0
1345	2050	2	26	0	-5.13	67.63	310.63	4.13	0	0	0
1346	2050	2	26	100	-5.48	68.62	320.39	5.15	0	0	0
1347	2050	2	26	200	-5.92	69.6	320.39	5.15	0	0	0
1348	2050	2	26	300	-6.63	72.54	320.39	5.15	0	0	0
1349	2050	2	26	400	-7.42	74.49	310.63	4.13	0	0	0
1350	2050	2	26	500	-8.13	77.39	310.63	4.13	0	0	0
1351	2050	2	26	600	-8.39	78.36	310.63	4.13	0	0	0
1352	2050	2	26	700	-8.74	78.36	320.64	3.12	0	0	0
1353	2050	2	26	800	-9.01	79.32	320.64	3.12	0	5.71	5.71
1354	2050	2	26	900	-7.6	73.52	320.64	3.12	0	37.74	37.76
1355	2050	2	26	1000	-6.1	68.62	330.33	4.14	307.29	49.4	91.34
1356	2050	2	26	1100	-4.69	62.66	330.33	4.14	403.89	67	145.78
1357	2050	2	26	1200	-3.8	60.65	330.33	4.14	453.03	78.6	183.44
1358	2050	2	26	1300	-2.92	57.63	340.16	4.14	462.24	82.8	195.15
1359	2050	2	26	1400	-2.04	55.59	340.16	4.14	444.52	79.1	180.91
1360	2050	2	26	1500	-2.66	57.63	340.16	4.14	392.73	68.6	143.43
1361	2050	2	26	1600	-3.19	58.64	330.33	4.14	302.94	50.1	89.56
1362	2050	2	26	1700	-3.8	60.65	330.33	4.14	0	33.81	33.82
1363	2050	2	26	1800	-4.77	67.63	330.33	4.14	0	4.68	4.68
1364	2050	2	26	1900	-5.74	73.51	320.64	3.12	0	0	0
1365	2050	2	26	2000	-6.71	80.26	320.64	3.12	0	0	0
1366	2050	2	26	2100	-8.48	82.18	320.64	3.12	0	0	0
1367	2050	2	26	2200	-10.24	85.04	320.64	3.12	0	0	0
1368	2050	2	26	2300	-12.01	86.94	320.64	3.12	0	0	0
1369	2050	2	27	0	-12.18	87.88	320.64	3.12	0	0	0
1370	2050	2	27	100	-12.27	87.88	320.64	3.12	0	0	0
1371	2050	2	27	200	-12.45	88.61	320.64	3.12	0	0	0
1372	2050	2	27	300	-14.3	87.03	291.7	2.07	0	0	0
1373	2050	2	27	400	-16.06	85.55	211.35	1.98	0	0	0
1374	2050	2	27	500	-17.92	84.03	180.8	0.95	0	0	0
1375	2050	2	27	600	-18.53	83.52	170.05	0.95	0	0	0
1376	2050	2	27	700	-19.15	83.02	170.05	0.95	0	0	0
1377	2050	2	27	800	-19.77	82.53	159.3	0.95	0	5.71	5.71
1378	2050	2	27	900	-16.86	84.89	137.9	0.96	0	23.41	23.42
1379	2050	2	27	1000	-14.04	86.97	349.33	0.07	0	53.85	53.87
1380	2050	2	27	1100	-11.12	88.8	349.33	0.07	0	88.98	89
1381	2050	2	27	1200	-8.74	85.02	349.33	0.07	0	111.36	111.39
1382	2050	2	27	1300	-6.36	82.17	349.33	0.07	0	134.21	134.25
1383	2050	2	27	1400	-3.98	78.34	349.33	0.07	48.9	142.5	154.02
1384	2050	2	27	1500	-4.16	77.38	331.25	1.09	39.57	113.7	121.51
1385	2050	2	27	1600	-4.42	77.38	252	2.03	42.43	72.5	78.32
1386	2050	2	27	1700	-4.6	76.41	221.05	3.01	0	37.74	37.76
1387	2050	2	27	1800	-7.16	79.31	200.7	2.99	0	5.99	6
1388	2050	2	27	1900	-9.71	83.14	170.02	1.96	0	0	0
1389	2050	2	27	2000	-12.27	86	149.31	1.97	0	0	0
1390	2050	2	27	2100	-11.92	86.94	149.31	1.97	0	0	0
1391	2050	2	27	2200	-11.57	87.87	159.66	1.97	0	0	0
1392	2050	2	27	2300	-11.21	88.8	159.66	1.97	0	0	0
1393	2050	2	28	0	-10.33	90.45	159.66	1.97	0	0	0
1394	2050	2	28	100	-9.45	91.23	170.05	0.95	0	0	0
1395	2050	2	28	200	-8.57	92.02	170.05	0.95	0	0	0
1396	2050	2	28	300	-7.95	92.57	180.39	1.97	0	0	0
1397	2050	2	28	400	-7.33	93.13	201.06	1.97	0	0	0
1398	2050	2	28	500	-6.71	93.69	210.89	3	0	0	0
1399	2050	2	28	600	-7.24	93.21	200.7	2.99	0	0	0
1400	2050	2	28	700	-7.69	92.81	200.7	2.99	0	0	0
1401	2050	2	28	800	-8.21	92.33	190.48	2.99	0	4.4	4.4
1402	2050	2	28	900	-7.69	92.81	200.7	2.99	0	23.7	23.7
1403	2050	2	28	1000	-7.16	92.49	200.52	4.01	0	56.48	56.49
1404	2050	2	28	1100	-6.63	92.48	210.66	4.02	0	91.6	91.62
1405	2050	2	28	1200	-6.36	89.7	200.52	4.01	0	118.11	118.14

1406	2050	2	28	1300	-6.01	87.83	190.48	2.99	27.74	139.1	146.24
1407	2050	2	28	1400	-5.74	85	180.25	2.98	210.68	129.2	180.06
1408	2050	2	28	1500	-5.83	85.95	190.48	2.99	332.27	95	162.36
1409	2050	2	28	1600	-6.45	85.95	190.36	4	209.96	64.1	93.97
1410	2050	2	28	1700	-6.8	85.95	200.52	4.01	0	32.78	32.79
1411	2050	2	28	1800	-7.24	86.9	200.52	4.01	0	4.68	4.68
1412	2050	2	28	1900	-7.86	86.9	200.42	5.03	0	0	0
1413	2050	2	28	2000	-8.48	86.9	200.42	5.03	0	0	0
1414	2050	2	28	2100	-9.18	86.91	200.42	5.03	0	0	0
1415	2050	2	28	2200	-9.89	87.85	200.52	4.01	0	0	0
1416	2050	2	28	2300	-10.6	87.86	200.52	4.01	0	0	0
1417	2050	3	1	0	-10.97	88.18	329.26	2.02	0	0	0
1418	2050	3	1	100	-11.56	88.2	329.26	2.02	0	0	0
1419	2050	3	1	200	-12.07	88.22	329.26	2.02	0	0	0
1420	2050	3	1	300	-12.49	88.57	329.26	2.02	0	0	0
1421	2050	3	1	400	-12.74	88.36	339.17	2.02	0	0	0
1422	2050	3	1	500	-12.83	88.28	339.17	2.02	0	0	0
1423	2050	3	1	600	-12.74	88.36	329.26	2.02	0	0	0
1424	2050	3	1	700	-12.49	88.57	329.26	2.02	0	0	0
1425	2050	3	1	800	-12.07	88.94	319.38	2.03	0	11.8	11.8
1426	2050	3	1	900	-11.73	89.23	319.38	2.03	0	49.28	49.26
1427	2050	3	1	1000	-10.71	90.02	319.38	2.03	0	85.72	85.68
1428	2050	3	1	1100	-9.61	90.9	319.38	2.03	0	113.29	113.24
1429	2050	3	1	1200	-8.68	89.96	339.17	2.02	22.46	144.1	149.66
1430	2050	3	1	1300	-7.83	89.93	348.21	1.01	98.66	149.4	175.14
1431	2050	3	1	1400	-6.9	88.99	8.09	1	183.79	128.1	173.54
1432	2050	3	1	1500	-7.07	89.91	358.12	1.01	101.57	100.5	121.64
1433	2050	3	1	1600	-7.15	90.83	359.06	2.01	56.14	69.3	77.57
1434	2050	3	1	1700	-7.32	91.75	349.1	2.01	0	44.09	44.07
1435	2050	3	1	1800	-9.61	89.99	339.17	2.02	0	10.2	10.19
1436	2050	3	1	1900	-11.81	87.29	339.17	2.02	0	0	0
1437	2050	3	1	2000	-14.1	85.5	329.26	2.02	0	0	0
1438	2050	3	1	2100	-13.76	86.42	329.26	2.02	0	0	0
1439	2050	3	1	2200	-13.34	87.34	328.54	1.02	0	0	0
1440	2050	3	1	2300	-13	88.14	328.54	1.02	0	0	0
1441	2050	3	2	0	-12.58	88.24	328.54	1.02	0	0	0
1442	2050	3	2	100	-12.15	88.22	329.26	2.02	0	0	0
1443	2050	3	2	200	-11.73	88.21	329.26	2.02	0	0	0
1444	2050	3	2	300	-12.07	88.94	329.26	2.02	0	0	0
1445	2050	3	2	400	-12.32	88.72	339.17	2.02	0	0	0
1446	2050	3	2	500	-12.66	88.43	339.17	2.02	0	0	0
1447	2050	3	2	600	-14.02	87.27	329.26	2.02	0	0	0
1448	2050	3	2	700	-15.46	86.06	329.26	2.02	0	0	0
1449	2050	3	2	800	-16.81	84.93	319.38	2.03	0	10.48	10.47
1450	2050	3	2	900	-14.69	86.46	319.38	2.03	0	54	53.98
1451	2050	3	2	1000	-12.66	86.38	328.54	1.02	394.15	59	122.96
1452	2050	3	2	1100	-10.54	86.31	328.54	1.02	504.05	74.6	185.81
1453	2050	3	2	1200	-9.19	85.34	338.35	1.02	546.86	82.7	223.08
1454	2050	3	2	1300	-7.83	85.3	359.06	2.01	568.25	82.5	234.88
1455	2050	3	2	1400	-6.48	84.33	9.04	2	559.95	77.6	219.68
1456	2050	3	2	1500	-6.82	85.28	19.06	1.99	492.88	68.4	174.29
1457	2050	3	2	1600	-7.24	87.15	29.1	1.99	419.4	50.7	115.32
1458	2050	3	2	1700	-7.58	88.08	39.18	1.98	0	51.93	51.9
1459	2050	3	2	1800	-10.29	86.31	19.06	1.99	0	10.2	10.19
1460	2050	3	2	1900	-12.91	84.52	359.06	2.01	0	0	0
1461	2050	3	2	2000	-15.62	82.74	339.17	2.02	0	0	0
1462	2050	3	2	2100	-16.9	82.79	339.17	2.02	0	0	0
1463	2050	3	2	2200	-18.08	83.77	339.17	2.02	0	0	0
1464	2050	3	2	2300	-19.35	82.86	339.17	2.02	0	0	0
1465	2050	3	3	0	-20.11	82.25	329.26	2.02	0	0	0
1466	2050	3	3	100	-20.88	81.64	309.51	2.03	0	0	0
1467	2050	3	3	200	-21.64	81.04	299.66	2.03	0	0	0
1468	2050	3	3	300	-22.06	80.71	329.26	2.02	0	0	0
1469	2050	3	3	400	-22.4	80.44	38.34	0.98	0	0	0

1470	2050	3	3	500	-22.82	80.11	69.06	0.97	0	0	0
1471	2050	3	3	600	-23.25	79.78	69.06	0.97	0	0	0
1472	2050	3	3	700	-23.67	79.45	58.77	0.97	0	0	0
1473	2050	3	3	800	-24.09	79.13	58.77	0.97	0	11.8	11.8
1474	2050	3	3	900	-21.38	81.24	48.53	0.98	87.46	42.5	50.58
1475	2050	3	3	1000	-18.76	80.96	48.53	0.98	247.92	74.6	116.35
1476	2050	3	3	1100	-16.05	80.86	38.34	0.98	354.4	97.2	177.69
1477	2050	3	3	1200	-13.68	80.78	59.4	1.98	385.51	111.1	212.61
1478	2050	3	3	1300	-11.39	81.65	79.79	2.97	391.75	115.3	222.8
1479	2050	3	3	1400	-9.02	81.58	100.01	3.97	366.66	109.6	204.96
1480	2050	3	3	1500	-9.53	81.6	100.01	3.97	318.2	94.3	164.57
1481	2050	3	3	1600	-9.95	82.55	89.9	2.97	263.02	68	110.13
1482	2050	3	3	1700	-10.46	82.57	89.9	2.97	0	51.17	51.15
1483	2050	3	3	1800	-11.64	83.54	89.9	2.97	0	11.23	11.23
1484	2050	3	3	1900	-12.83	85.46	89.9	2.97	0	0	0
1485	2050	3	3	2000	-14.02	86.43	89.9	2.97	0	0	0
1486	2050	3	3	2100	-14.1	85.5	89.9	2.97	0	0	0
1487	2050	3	3	2200	-14.18	85.5	100.02	2.97	0	0	0
1488	2050	3	3	2300	-14.27	84.57	100.02	2.97	0	0	0
1489	2050	3	4	0	-13.42	84.54	100.02	2.97	0	0	0
1490	2050	3	4	100	-12.66	84.52	89.9	2.97	0	0	0
1491	2050	3	4	200	-11.81	84.49	89.9	2.97	0	0	0
1492	2050	3	4	300	-12.07	84.5	89.9	2.97	0	0	0
1493	2050	3	4	400	-12.32	84.5	89.85	1.97	0	0	0
1494	2050	3	4	500	-12.58	84.51	89.85	1.97	0	0	0
1495	2050	3	4	600	-14.02	84.56	58.77	0.97	0	0	0
1496	2050	3	4	700	-15.37	85.55	28.2	0.99	0	0	0
1497	2050	3	4	800	-16.81	84.93	278.62	0.03	0	13.41	13.4
1498	2050	3	4	900	-14.95	85.53	28.2	0.99	1.8	44.1	44.26
1499	2050	3	4	1000	-13.08	86.4	89.7	0.97	22.09	84.8	88.61
1500	2050	3	4	1100	-11.22	86.34	120.35	1.97	15.53	122.8	126.36
1501	2050	3	4	1200	-10.37	84.44	130.34	2.97	1.51	143	143.34
1502	2050	3	4	1300	-9.44	83.48	130.34	2.97	10.81	148.3	151.27
1503	2050	3	4	1400	-8.59	81.57	140.32	3.98	3.59	131.5	132.4
1504	2050	3	4	1500	-8.43	82.51	140.32	3.98	0	99.13	99.08
1505	2050	3	4	1600	-8.17	83.44	130.25	3.97	0	64.29	64.26
1506	2050	3	4	1700	-8	84.37	130.25	3.97	0	29.36	29.35
1507	2050	3	4	1800	-8.26	85.32	130.25	3.97	0	6.8	6.79
1508	2050	3	4	1900	-8.43	85.32	130.34	2.97	0	0	0
1509	2050	3	4	2000	-8.68	86.26	130.34	2.97	0	0	0
1510	2050	3	4	2100	-8.59	86.26	140.42	2.98	0	0	0
1511	2050	3	4	2200	-8.59	87.18	140.42	2.98	0	0	0
1512	2050	3	4	2300	-8.51	87.18	150.5	2.98	0	0	0
1513	2050	3	5	0	-8.51	87.18	150.5	2.98	0	0	0
1514	2050	3	5	100	-8.43	86.25	150.5	2.98	0	0	0
1515	2050	3	5	200	-8.43	86.25	150.5	2.98	0	0	0
1516	2050	3	5	300	-8.17	87.17	150.5	2.98	0	0	0
1517	2050	3	5	400	-8	87.17	140.32	3.98	0	0	0
1518	2050	3	5	500	-7.75	88.09	140.32	3.98	0	0	0
1519	2050	3	5	600	-7.58	89	140.32	3.98	0	0	0
1520	2050	3	5	700	-7.32	89	150.5	2.98	0	0	0
1521	2050	3	5	800	-7.15	89.91	150.5	2.98	0	10.76	10.76
1522	2050	3	5	900	-6.82	88.06	150.5	2.98	0	42.77	42.75
1523	2050	3	5	1000	-6.48	87.13	160.42	3.99	0	81.85	81.82
1524	2050	3	5	1100	-6.14	85.26	160.42	3.99	0	121.41	121.35
1525	2050	3	5	1200	-5.97	85.26	160.42	3.99	42.37	148.8	160.42
1526	2050	3	5	1300	-5.71	85.25	160.56	2.99	38.19	146.4	157.31
1527	2050	3	5	1400	-5.55	85.25	160.56	2.99	41.92	128.4	139.76
1528	2050	3	5	1500	-5.71	86.18	160.56	2.99	84.01	112.3	131.83
1529	2050	3	5	1600	-5.8	87.11	160.42	3.99	67.79	81.7	93.33
1530	2050	3	5	1700	-5.97	88.04	160.42	3.99	21.35	40.2	42.18
1531	2050	3	5	1800	-6.65	88.06	160.42	3.99	0	10.01	10
1532	2050	3	5	1900	-7.32	89	150.5	2.98	0	0	0
1533	2050	3	5	2000	-8	89.02	150.5	2.98	0	0	0

1534	2050	3	5	2100	-7.75	89.01	150.5	2.98	0	0	0
1535	2050	3	5	2200	-7.49	88.08	160.42	3.99	0	0	0
1536	2050	3	5	2300	-7.24	88.07	160.42	3.99	0	0	0
1537	2050	3	6	0	-7.66	89.01	160.42	3.99	0	0	0
1538	2050	3	6	100	-8	89.02	150.5	2.98	0	0	0
1539	2050	3	6	200	-8.43	89.95	150.5	2.98	0	0	0
1540	2050	3	6	300	-8.43	89.95	150.5	2.98	0	0	0
1541	2050	3	6	400	-8.43	89.03	140.42	2.98	0	0	0
1542	2050	3	6	500	-8.43	89.03	140.42	2.98	0	0	0
1543	2050	3	6	600	-8	89.94	140.42	2.98	0	0	0
1544	2050	3	6	700	-7.58	89.92	140.42	2.98	0	0	0
1545	2050	3	6	800	-7.15	90.83	140.42	2.98	0	7.65	7.64
1546	2050	3	6	900	-6.65	90.82	140.42	2.98	0	36.16	36.14
1547	2050	3	6	1000	-6.05	89.88	150.75	1.98	0	79.97	79.93
1548	2050	3	6	1100	-5.55	89.87	150.75	1.98	0	127.17	127.11
1549	2050	3	6	1200	-5.04	88.94	150.5	2.98	37.57	156.2	166.74
1550	2050	3	6	1300	-4.44	87.08	160.56	2.99	39.86	160	171.65
1551	2050	3	6	1400	-3.94	86.14	160.42	3.99	0.76	148.2	148.34
1552	2050	3	6	1500	-3.94	87.99	170.45	3.99	0	114.9	114.84
1553	2050	3	6	1600	-3.85	88.91	170.45	3.99	0	64.48	64.45
1554	2050	3	6	1700	-3.85	90.74	180.47	4	0	27	26.99
1555	2050	3	6	1800	-3.68	90.74	180.47	4	0	7.65	7.64
1556	2050	3	6	1900	-3.6	90.74	190.38	5	0	0	0
1557	2050	3	6	2000	-3.43	90.74	190.38	5	0	0	0
1558	2050	3	6	2100	-3.17	91.64	190.38	5	0	0	0
1559	2050	3	6	2200	-2.84	91.64	200.37	5.01	0	0	0
1560	2050	3	6	2300	-2.58	92.54	200.37	5.01	0	0	0
1561	2050	3	7	0	-2.33	93.44	200.37	5.01	0	0	0
1562	2050	3	7	100	-2.16	93.44	210.36	5.02	0	0	0
1563	2050	3	7	200	-1.9	94.34	210.36	5.02	0	0	0
1564	2050	3	7	300	-1.82	94.34	210.36	5.02	0	0	0
1565	2050	3	7	400	-1.73	95.24	220.41	4.02	0	0	0
1566	2050	3	7	500	-1.65	95.24	220.41	4.02	0	0	0
1567	2050	3	7	600	-1.56	96.14	220.41	4.02	0	0	0
1568	2050	3	7	700	-1.48	97.03	220.41	4.02	0	0	0
1569	2050	3	7	800	-1.4	97.92	220.41	4.02	0	4.72	4.72
1570	2050	3	7	900	-1.14	97.02	220.41	4.02	0	13.88	13.87
1571	2050	3	7	1000	-0.97	97.02	220.41	4.02	0	30.68	30.67
1572	2050	3	7	1100	-0.72	96.12	220.41	4.02	0	50.13	50.11
1573	2050	3	7	1200	-0.63	94.31	220.41	4.02	0	59.29	59.26
1574	2050	3	7	1300	-0.46	92.5	220.41	4.02	0	60.33	60.3
1575	2050	3	7	1400	-0.38	90.67	220.41	4.02	0	54.29	54.26
1576	2050	3	7	1500	-0.29	91.58	220.41	4.02	0	48.24	48.22
1577	2050	3	7	1600	-0.29	92.49	220.33	5.02	0	36.44	36.43
1578	2050	3	7	1700	-0.21	93.4	220.33	5.02	0	16.52	16.51
1579	2050	3	7	1800	-0.21	94.31	220.41	4.02	0	3.4	3.4
1580	2050	3	7	1900	-0.21	94.31	230.36	4.02	0	0	0
1581	2050	3	7	2000	-0.21	95.21	230.47	3.02	0	0	0
1582	2050	3	7	2100	-0.21	95.21	230.47	3.02	0	0	0
1583	2050	3	7	2200	-0.29	96.11	240.39	3.03	0	0	0
1584	2050	3	7	2300	-0.29	96.11	240.39	3.03	0	0	0
1585	2050	3	8	0	-0.29	96.11	240.39	3.03	0	0	0
1586	2050	3	8	100	-0.38	96.11	240.3	4.03	0	0	0
1587	2050	3	8	200	-0.38	96.11	240.3	4.03	0	0	0
1588	2050	3	8	300	-0.29	96.11	240.3	4.03	0	0	0
1589	2050	3	8	400	-0.29	96.11	230.47	3.02	0	0	0
1590	2050	3	8	500	-0.21	96.11	230.47	3.02	0	0	0
1591	2050	3	8	600	-0.21	95.21	230.47	3.02	0	0	0
1592	2050	3	8	700	-0.21	94.31	240.39	3.03	0	1.6	1.6
1593	2050	3	8	800	-0.21	93.4	240.39	3.03	0	7.36	7.36
1594	2050	3	8	900	-0.12	92.49	240.39	3.03	0	21.24	21.23
1595	2050	3	8	1000	0.04	90.63	230.47	3.02	0	38.05	38.03
1596	2050	3	8	1100	0.13	89.64	230.47	3.02	0	64.48	64.45
1597	2050	3	8	1200	0.3	89.49	230.47	3.02	0	93.84	93.8

1598	2050	3	8	1300	0.47	89.34	220.54	3.02	0	101.77	101.73
1599	2050	3	8	1400	0.64	89.19	220.54	3.02	0	98.09	98.05
1600	2050	3	8	1500	0.55	90.17	220.54	3.02	0	75.53	75.49
1601	2050	3	8	1600	0.38	92.14	220.81	2.02	0	51.17	51.15
1602	2050	3	8	1700	0.3	93.12	220.81	2.02	0	29.36	29.35
1603	2050	3	8	1800	0.04	94.26	210.88	2.01	0	9.16	9.15
1604	2050	3	8	1900	-0.12	94.3	190.96	2	0	1.04	1.04
1605	2050	3	8	2000	-0.38	95.21	180.95	2	0	0	0
1606	2050	3	8	2100	-0.55	95.22	180.95	2	0	0	0
1607	2050	3	8	2200	-0.72	96.12	190.64	3	0	0	0
1608	2050	3	8	2300	-0.89	96.12	190.64	3	0	0	0
1609	2050	3	9	0	-0.97	97.02	190.64	3	0	0	0
1610	2050	3	9	100	-1.14	98.81	190.64	3	0	0	0
1611	2050	3	9	200	-1.23	98.82	190.64	3	0	0	0
1612	2050	3	9	300	-1.65	98.41	190.48	4	0	0	0
1613	2050	3	9	400	-1.99	97.94	200.47	4.01	0	0	0
1614	2050	3	9	500	-2.41	97.05	200.37	5.01	0	0	0
1615	2050	3	9	600	-2.5	97.05	200.37	5.01	0	0	0
1616	2050	3	9	700	-2.5	96.16	190.48	4	0	1.6	1.6
1617	2050	3	9	800	-2.58	96.16	190.48	4	0	7.36	7.36
1618	2050	3	9	900	-2.58	93.45	190.38	5	0	22.85	22.84
1619	2050	3	9	1000	-2.58	90.72	200.31	6.01	0	55.89	55.86
1620	2050	3	9	1100	-2.58	87.96	200.27	7.01	0	96.49	96.44
1621	2050	3	9	1200	-2.33	87.03	200.27	7.01	0	132.74	132.68
1622	2050	3	9	1300	-2.16	86.1	190.27	7	0	154.45	154.38
1623	2050	3	9	1400	-1.9	85.17	190.27	7	0	153.98	153.91
1624	2050	3	9	1500	-1.73	86.09	190.27	7	0	151.06	150.99
1625	2050	3	9	1600	-1.65	86.09	190.24	8.01	0	97.05	97.01
1626	2050	3	9	1700	-1.48	87.02	190.24	8.01	0	33.33	33.31
1627	2050	3	9	1800	-1.4	87.01	190.21	9.01	0	8.12	8.12
1628	2050	3	9	1900	-1.4	86.09	200.21	9.01	0	1.04	1.04
1629	2050	3	9	2000	-1.31	86.09	200.19	10.01	0	0	0
1630	2050	3	9	2100	-1.31	85.16	200.19	10.01	0	0	0
1631	2050	3	9	2200	-1.4	84.23	200.21	9.01	0	0	0
1632	2050	3	9	2300	-1.4	83.29	200.21	9.01	0	0	0
1633	2050	3	10	0	-1.56	82.36	200.21	9.01	0	0	0
1634	2050	3	10	100	-1.73	82.36	200.21	9.01	0	0	0
1635	2050	3	10	200	-1.9	81.42	200.21	9.01	0	0	0
1636	2050	3	10	300	-2.33	84.24	200.23	8.01	0	0	0
1637	2050	3	10	400	-2.75	86.11	190.24	8.01	0	0	0
1638	2050	3	10	500	-3.17	88.89	190.27	7	0	0	0
1639	2050	3	10	600	-3.34	88.9	190.27	7	0	0	0
1640	2050	3	10	700	-3.43	88.9	190.27	7	0	1.6	1.6
1641	2050	3	10	800	-3.6	88.9	190.27	7	0	8.87	8.87
1642	2050	3	10	900	-3.77	88.91	190.32	6	0	25.68	25.67
1643	2050	3	10	1000	-3.94	88.91	180.32	6	0	38.8	38.78
1644	2050	3	10	1100	-4.11	88.92	180.38	5	0	43.52	43.5
1645	2050	3	10	1200	-3.94	88.91	180.38	5	0	63.44	63.41
1646	2050	3	10	1300	-3.85	88.91	190.48	4	0	82.33	82.29
1647	2050	3	10	1400	-3.68	88.91	190.48	4	0	83.36	83.33
1648	2050	3	10	1500	-3.68	87.98	190.48	4	0	64.01	63.98
1649	2050	3	10	1600	-3.68	86.13	190.64	3	0	46.17	46.15
1650	2050	3	10	1700	-3.68	85.2	190.64	3	0	27.76	27.74
1651	2050	3	10	1800	-3.77	87.99	190.64	3	0	8.87	8.87
1652	2050	3	10	1900	-3.85	89.83	190.96	2	0	1.04	1.04
1653	2050	3	10	2000	-3.94	92.57	190.96	2	0	0	0
1654	2050	3	10	2100	-3.77	92.57	210.88	2.01	0	0	0
1655	2050	3	10	2200	-3.68	91.65	220.81	2.02	0	0	0
1656	2050	3	10	2300	-3.51	91.65	240.59	2.03	0	0	0
1657	2050	3	11	0	-3.94	92.57	230.71	2.02	0	0	0
1658	2050	3	11	100	-4.44	94.4	210.88	2.01	0	0	0
1659	2050	3	11	200	-4.87	95.31	200.93	2.01	0	0	0
1660	2050	3	11	300	-5.46	94.83	190.96	2	0	0	0
1661	2050	3	11	400	-6.14	94.21	181.9	1	0	0	0

1662	2050	3	11	500	-6.73	93.67	171.83	0.99	0	0	0
1663	2050	3	11	600	-7.49	92.98	181.9	1	0	0	0
1664	2050	3	11	700	-8.34	92.22	180.95	2	0	4.72	4.72
1665	2050	3	11	800	-9.1	91.54	190.96	2	0	36.16	36.14
1666	2050	3	11	900	-6.99	89.91	200.93	2.01	411.81	48.8	108.52
1667	2050	3	11	1000	-4.95	87.09	210.59	3.01	520.77	72.7	188.17
1668	2050	3	11	1100	-2.84	83.32	220.54	3.02	572.34	88.8	249.03
1669	2050	3	11	1200	-1.65	79.53	230.36	4.02	627.13	89.3	287.25
1670	2050	3	11	1300	-0.46	75.71	240.3	4.03	664.14	82.3	298.86
1671	2050	3	11	1400	0.72	71.34	250.18	5.03	662.18	75.7	281.49
1672	2050	3	11	1500	0.89	70.26	240.3	4.03	634.41	66.9	238.56
1673	2050	3	11	1600	1.15	68.16	240.3	4.03	570.88	54.4	173.54
1674	2050	3	11	1700	1.32	67.08	230.47	3.02	418.81	36.5	90.69
1675	2050	3	11	1800	0.55	72.42	220.54	3.02	0	25.21	25.2
1676	2050	3	11	1900	-0.12	77.61	220.41	4.02	0	2.08	2.08
1677	2050	3	11	2000	-0.89	82.35	210.44	4.01	0	0	0
1678	2050	3	11	2100	-1.23	85.16	210.44	4.01	0	0	0
1679	2050	3	11	2200	-1.48	87.94	200.37	5.01	0	0	0
1680	2050	3	11	2300	-1.82	90.7	200.37	5.01	0	0	0
1681	2050	3	12	0	-1.23	89.77	200.37	5.01	0	0	0
1682	2050	3	12	100	-0.72	89.76	190.32	6	0	0	0
1683	2050	3	12	200	-0.12	88.84	190.32	6	0	0	0
1684	2050	3	12	300	0.04	90.63	190.32	6	0	0	0
1685	2050	3	12	400	0.3	92.22	180.32	6	0	0	0
1686	2050	3	12	500	0.47	93.87	180.32	6	0	0	0
1687	2050	3	12	600	0.72	93.63	200.31	6.01	0	0	0
1688	2050	3	12	700	1.06	94.21	210.36	5.02	0	4.72	4.72
1689	2050	3	12	800	1.32	93.97	230.29	5.02	0	22	21.99
1690	2050	3	12	900	1.74	86.42	240.24	5.03	276.8	46	88.04
1691	2050	3	12	1000	2.16	78.75	240.3	4.03	518.72	62.4	180.9
1692	2050	3	12	1100	2.59	71.16	250.23	4.03	629.26	70.2	250.64
1693	2050	3	12	1200	2.84	69.27	250.23	4.03	664.43	79.1	293.1
1694	2050	3	12	1300	3.18	68.32	250.18	5.03	672.88	83	306.69
1695	2050	3	12	1400	3.43	66.41	250.18	5.03	640.05	108.5	311.41
1696	2050	3	12	1500	3.18	67.36	260.15	4.03	423.12	151.8	268.94
1697	2050	3	12	1600	3.01	69.27	270.07	4.04	144.97	130.4	161.46
1698	2050	3	12	1700	2.76	70.22	279.98	3.04	13.9	61.1	62.94
1699	2050	3	12	1800	2.42	78.62	279.99	4.04	0	15.77	15.76
1700	2050	3	12	1900	2.08	87.03	289.91	4.03	0	2.08	2.08
1701	2050	3	12	2000	1.74	95.35	289.92	5.04	0	0	0
1702	2050	3	12	2100	1.32	92.19	299.86	5.03	0	0	0
1703	2050	3	12	2200	0.89	89.87	319.69	4.03	0	0	0
1704	2050	3	12	2300	0.47	86.59	329.63	4.02	0	0	0
1705	2050	3	13	0	0.21	86.81	339.44	3.02	0	0	0
1706	2050	3	13	100	-0.04	87.91	349.4	3.01	0	0	0
1707	2050	3	13	200	-0.29	87.92	359.06	2.01	0	0	0
1708	2050	3	13	300	-0.55	89.76	329.26	2.02	0	0	0
1709	2050	3	13	400	-0.89	92.51	289.63	1.03	0	0	0
1710	2050	3	13	500	-1.14	94.32	260.59	1.03	0	0	0
1711	2050	3	13	600	-1.06	94.32	260.59	1.03	0	0	0
1712	2050	3	13	700	-1.06	95.23	260.59	1.03	0	5	5
1713	2050	3	13	800	-0.97	95.22	260.59	1.03	0	22.56	22.55
1714	2050	3	13	900	-0.46	91.59	240.59	2.03	0	46.17	46.15
1715	2050	3	13	1000	-0.04	88.83	230.71	2.02	0	82.61	82.57
1716	2050	3	13	1100	0.47	84.74	210.59	3.01	0	125.66	125.6
1717	2050	3	13	1200	0.89	80.68	210.59	3.01	0	140.01	139.94
1718	2050	3	13	1300	1.23	76.67	210.88	2.01	0	168.14	168.07
1719	2050	3	13	1400	1.65	72.59	210.88	2.01	0	176.45	176.37
1720	2050	3	13	1500	1.57	72.65	220.81	2.02	219.07	132.8	194.77
1721	2050	3	13	1600	1.4	72.77	220.81	2.02	197.06	109.6	153.06
1722	2050	3	13	1700	1.32	72.83	230.71	2.02	6.13	63.9	64.74
1723	2050	3	13	1800	0.89	78.81	250.45	2.03	0	15.2	15.19
1724	2050	3	13	1900	0.38	83.88	9.36	3	0	2.08	2.08
1725	2050	3	13	2000	-0.04	89.75	29.4	2.99	0	0	0

1726	2050	3	13	2100	-0.72	87	39.45	2.98	0	0	0
1727	2050	3	13	2200	-1.4	85.16	39.59	3.98	0	0	0
1728	2050	3	13	2300	-2.07	82.37	49.64	3.98	0	0	0
1729	2050	3	14	0	-2.41	83.31	39.59	3.98	0	0	0
1730	2050	3	14	100	-2.75	83.32	39.45	2.98	0	0	0
1731	2050	3	14	200	-3.09	84.26	29.4	2.99	0	0	0
1732	2050	3	14	300	-3.26	85.19	29.4	2.99	0	0	0
1733	2050	3	14	400	-3.34	85.2	29.4	2.99	0	0	0
1734	2050	3	14	500	-3.51	86.13	29.4	2.99	0	0	0
1735	2050	3	14	600	-3.6	87.98	29.55	3.99	0	0	0
1736	2050	3	14	700	-3.77	88.91	29.55	3.99	0	5	5
1737	2050	3	14	800	-3.85	90.74	29.64	4.99	0	22.56	22.56
1738	2050	3	14	900	-3.6	87.98	39.67	4.99	0	52.49	52.47
1739	2050	3	14	1000	-3.34	85.2	59.76	4.98	0	99.7	99.65
1740	2050	3	14	1100	-3.09	82.39	69.82	4.97	6.91	165.5	167.5
1741	2050	3	14	1200	-2.92	81.44	69.82	4.97	36.53	218.5	230.63
1742	2050	3	14	1300	-2.67	81.44	59.76	4.98	54.81	247.5	266.3
1743	2050	3	14	1400	-2.5	80.49	59.76	4.98	38.85	226.9	239.6
1744	2050	3	14	1500	-2.75	80.5	59.76	4.98	45.74	167.2	180.33
1745	2050	3	14	1600	-3.09	79.56	59.7	3.98	59.34	110	123.43
1746	2050	3	14	1700	-3.34	79.56	59.7	3.98	31.67	65.4	70.02
1747	2050	3	14	1800	-4.02	79.58	59.7	3.98	0	25.4	25.38
1748	2050	3	14	1900	-4.78	79.59	49.52	2.98	0	3.97	3.96
1749	2050	3	14	2000	-5.46	79.61	49.52	2.98	0	0	0
1750	2050	3	14	2100	-5.38	78.65	59.6	2.98	0	0	0
1751	2050	3	14	2200	-5.29	78.65	59.7	3.98	0	0	0
1752	2050	3	14	2300	-5.21	77.7	69.77	3.97	0	0	0
1753	2050	3	15	0	-5.46	78.66	59.7	3.98	0	0	0
1754	2050	3	15	100	-5.63	79.61	59.7	3.98	0	0	0
1755	2050	3	15	200	-5.88	80.56	49.64	3.98	0	0	0
1756	2050	3	15	300	-5.8	80.56	59.7	3.98	0	0	0
1757	2050	3	15	400	-5.71	81.5	59.76	4.98	0	0	0
1758	2050	3	15	500	-5.63	81.5	69.82	4.97	0	0	0
1759	2050	3	15	600	-5.71	82.44	69.82	4.97	0	0	0
1760	2050	3	15	700	-5.71	83.38	59.76	4.98	0	5	5
1761	2050	3	15	800	-5.8	84.32	59.76	4.98	0	27.28	27.27
1762	2050	3	15	900	-5.55	84.31	59.76	4.98	0	54	53.98
1763	2050	3	15	1000	-5.29	84.31	69.82	4.97	0	75.81	75.78
1764	2050	3	15	1100	-5.04	84.3	69.82	4.97	0	96.77	96.73
1765	2050	3	15	1200	-4.53	83.35	79.88	4.97	0	130.85	130.79
1766	2050	3	15	1300	-4.02	83.34	79.9	5.97	0	163.14	163.06
1767	2050	3	15	1400	-3.51	82.39	89.95	5.97	0	171.54	171.46
1768	2050	3	15	1500	-3.51	84.27	89.94	4.97	0	131.61	131.55
1769	2050	3	15	1600	-3.6	86.13	89.94	4.97	0	81.57	81.53
1770	2050	3	15	1700	-3.6	87.98	89.93	3.97	0	49.28	49.26
1771	2050	3	15	1800	-3.77	88.91	89.93	3.97	0	21.53	21.52
1772	2050	3	15	1900	-3.94	89.83	89.9	2.97	0	3.97	3.96
1773	2050	3	15	2000	-4.11	90.75	89.9	2.97	0	0	0
1774	2050	3	15	2100	-4.11	90.75	89.9	2.97	0	0	0
1775	2050	3	15	2200	-4.19	89.84	79.79	2.97	0	0	0
1776	2050	3	15	2300	-4.19	89.84	79.79	2.97	0	0	0
1777	2050	3	16	0	-4.19	89.84	79.79	2.97	0	0	0
1778	2050	3	16	100	-4.27	89.84	89.9	2.97	0	0	0
1779	2050	3	16	200	-4.27	89.84	89.9	2.97	0	0	0
1780	2050	3	16	300	-4.36	90.76	89.9	2.97	0	0	0
1781	2050	3	16	400	-4.36	92.58	89.85	1.97	0	0	0
1782	2050	3	16	500	-4.44	93.49	89.85	1.97	0	0	0
1783	2050	3	16	600	-4.44	93.49	89.85	1.97	0	0	0
1784	2050	3	16	700	-4.44	93.49	79.37	0.97	0	5	5
1785	2050	3	16	800	-4.44	93.49	79.37	0.97	0	19.17	19.16
1786	2050	3	16	900	-3.68	90.74	110.19	1.97	0	56.93	56.9
1787	2050	3	16	1000	-2.84	88.89	150.75	1.98	0	116.41	116.35
1788	2050	3	16	1100	-2.07	86.1	180.63	3	0	172.3	172.22
1789	2050	3	16	1200	-2.07	83.3	180.63	3	0	194.58	194.49

1790	2050	3	16	1300	-2.07	79.54	190.64	3	0	195.15	195.05
1791	2050	3	16	1400	-2.07	76.69	190.64	3	0	179.66	179.58
1792	2050	3	16	1500	-2.33	79.54	180.63	3	0	126.89	126.83
1793	2050	3	16	1600	-2.67	82.38	180.63	3	0	81.85	81.82
1794	2050	3	16	1700	-2.92	85.19	170.61	2.99	0	49.85	49.83
1795	2050	3	16	1800	-3.43	86.13	170.91	1.99	0	20.49	20.48
1796	2050	3	16	1900	-3.94	86.14	160.85	1.99	0	3.97	3.96
1797	2050	3	16	2000	-4.44	87.08	161.71	0.98	0	0	0
1798	2050	3	16	2100	-5.55	89.87	161.71	0.98	0	0	0
1799	2050	3	16	2200	-6.73	91.73	160.85	1.99	0	0	0
1800	2050	3	16	2300	-7.83	92.68	160.85	1.99	0	0	0
1801	2050	3	17	0	-10.2	90.56	160.85	1.99	0	0	0
1802	2050	3	17	100	-12.58	88.24	161.71	0.98	0	0	0
1803	2050	3	17	200	-14.95	84.6	161.71	0.98	0	0	0
1804	2050	3	17	300	-14.52	85.52	171.83	0.99	0	0	0
1805	2050	3	17	400	-14.18	86.44	318.77	1.03	0	0	0
1806	2050	3	17	500	-13.76	87.35	328.54	1.02	0	0	0
1807	2050	3	17	600	-12.49	88.24	338.35	1.02	0	0	0
1808	2050	3	17	700	-11.31	89.6	278.62	0.03	0	6.51	6.51
1809	2050	3	17	800	-10.03	90.71	278.62	0.03	0	30.4	30.39
1810	2050	3	17	900	-8.68	89.04	278.62	0.03	31.53	84.4	90.21
1811	2050	3	17	1000	-7.32	86.22	278.62	0.03	10.09	136.9	139.47
1812	2050	3	17	1100	-5.97	84.32	278.62	0.03	0	180.42	180.33
1813	2050	3	17	1200	-4.78	81.48	328.54	1.02	36.55	208.6	221.48
1814	2050	3	17	1300	-3.6	79.57	279.96	1.03	98.75	198.4	234.31
1815	2050	3	17	1400	-2.41	76.69	250.45	2.03	243.24	183.5	268.19
1816	2050	3	17	1500	-2.75	74.78	250.45	2.03	357.3	165.1	274.98
1817	2050	3	17	1600	-3.17	73.83	240.39	3.03	455.85	102.5	214.12
1818	2050	3	17	1700	-3.51	71.9	240.39	3.03	442.14	55.9	128.72
1819	2050	3	17	1800	-6.05	76.76	230.47	3.02	0	50.6	50.58
1820	2050	3	17	1900	-8.59	81.57	220.81	2.02	0	8.69	8.68
1821	2050	3	17	2000	-11.14	86.33	210.88	2.01	0	0	0
1822	2050	3	17	2100	-12.83	86.39	200.93	2.01	0	0	0
1823	2050	3	17	2200	-14.44	85.51	181.9	1	0	0	0
1824	2050	3	17	2300	-16.13	85.49	171.83	0.99	0	0	0
1825	2050	3	18	0	-16.47	85.21	171.83	0.99	0	0	0
1826	2050	3	18	100	-16.81	84.93	170.91	1.99	0	0	0
1827	2050	3	18	200	-17.15	84.65	170.91	1.99	0	0	0
1828	2050	3	18	300	-17.49	84.38	180.95	2	0	0	0
1829	2050	3	18	400	-17.83	84.1	180.95	2	0	0	0
1830	2050	3	18	500	-18.17	83.82	190.96	2	0	0	0
1831	2050	3	18	600	-16.05	85.56	180.95	2	0	0	0
1832	2050	3	18	700	-14.02	87.27	160.85	1.99	0	18.32	18.31
1833	2050	3	18	800	-11.9	89.09	150.75	1.98	400.4	42.5	83.61
1834	2050	3	18	900	-9.78	83.49	170.91	1.99	498.65	80.9	176.65
1835	2050	3	18	1000	-7.58	77.75	190.64	3	595.39	100.6	260.54
1836	2050	3	18	1100	-5.46	71.94	210.59	3.01	554.39	132.3	313.2
1837	2050	3	18	1200	-4.36	68.99	210.44	4.01	358.24	183.4	312.73
1838	2050	3	18	1300	-3.34	65.04	220.33	5.02	269.12	200.9	300.65
1839	2050	3	18	1400	-2.24	62.05	220.27	6.02	146.39	207.1	258.94
1840	2050	3	18	1500	-2.16	62.05	220.27	6.02	9.47	179.8	182.69
1841	2050	3	18	1600	-2.07	62.04	230.24	6.03	0	118.77	118.71
1842	2050	3	18	1700	-1.99	62.04	230.24	6.03	0	71.37	71.34
1843	2050	3	18	1800	-2.75	66.02	230.29	5.02	0	31.72	31.71
1844	2050	3	18	1900	-3.51	69.96	220.33	5.02	0	6.8	6.79
1845	2050	3	18	2000	-4.27	73.85	220.41	4.02	0	0	0
1846	2050	3	18	2100	-4.36	75.77	230.36	4.02	0	0	0
1847	2050	3	18	2200	-4.36	77.68	230.36	4.02	0	0	0
1848	2050	3	18	2300	-4.44	79.58	240.3	4.03	0	0	0
1849	2050	3	19	0	-5.63	84.31	220.41	4.02	0	0	0
1850	2050	3	19	100	-6.73	88.98	180.63	3	0	0	0
1851	2050	3	19	200	-7.92	92.6	160.56	2.99	0	0	0
1852	2050	3	19	300	-9.02	91.61	190.64	3	0	0	0
1853	2050	3	19	400	-10.12	90.64	250.3	3.03	0	0	0

1854	2050	3	19	500	-11.22	89.67	279.98	3.04	0	0	0
1855	2050	3	19	600	-10.63	90.19	250.45	2.03	0	0	0
1856	2050	3	19	700	-10.12	90.64	170.91	1.99	0	13.41	13.4
1857	2050	3	19	800	-9.53	89.98	141.3	0.98	139.93	53.9	69.17
1858	2050	3	19	900	-5.55	81.5	161.71	0.98	246.1	101.3	150.23
1859	2050	3	19	1000	-1.56	73.8	279.98	2.03	413.32	108.5	222.33
1860	2050	3	19	1100	2.42	63.52	299.66	2.03	519.64	116.5	289.61
1861	2050	3	19	1200	3.09	60.61	279.98	2.03	583.41	118.4	332.92
1862	2050	3	19	1300	3.86	56.69	260.2	3.03	577.62	112.1	330
1863	2050	3	19	1400	4.53	53.72	240.39	3.03	617.47	101.1	323.96
1864	2050	3	19	1500	4.36	54.71	240.39	3.03	624.11	87.2	286.78
1865	2050	3	19	1600	4.11	54.71	230.71	2.02	579.67	69.5	218.36
1866	2050	3	19	1700	3.94	55.7	230.71	2.02	455.03	54.7	135.04
1867	2050	3	19	1800	3.01	59.64	210.88	2.01	0	50.89	50.86
1868	2050	3	19	1900	2.16	63.63	190.96	2	0	7.65	7.64
1869	2050	3	19	2000	1.23	68.1	170.91	1.99	0	0	0
1870	2050	3	19	2100	0.13	74.65	190.96	2	0	0	0
1871	2050	3	19	2200	-0.97	79.52	230.47	3.02	0	0	0
1872	2050	3	19	2300	-2.07	85.17	250.3	3.03	0	0	0
1873	2050	3	20	0	-3.51	88.9	230.71	2.02	0	0	0
1874	2050	3	20	100	-4.87	91.68	210.88	2.01	0	0	0
1875	2050	3	20	200	-6.31	94.06	191.91	1	0	0	0
1876	2050	3	20	300	-7.15	93.29	181.9	1	0	0	0
1877	2050	3	20	400	-7.92	92.6	171.83	0.99	0	0	0
1878	2050	3	20	500	-8.76	91.84	161.71	0.98	0	0	0
1879	2050	3	20	600	-7.92	92.6	161.71	0.98	0	0	0
1880	2050	3	20	700	-7.15	93.29	150.75	1.98	0	23.89	23.87
1881	2050	3	20	800	-6.31	94.06	150.75	1.98	451.23	38.9	91.25
1882	2050	3	20	900	-4.02	87.99	160.85	1.99	564.25	57.5	173.54
1883	2050	3	20	1000	-1.73	76.68	161.71	0.98	644.35	69.6	251.39
1884	2050	3	20	1100	0.55	65.63	171.83	0.99	668.2	80	306.97
1885	2050	3	20	1200	1.32	63.18	170.91	1.99	672.61	87.7	339.43
1886	2050	3	20	1300	1.99	61.79	180.95	2	696.63	88.3	355.48
1887	2050	3	20	1400	2.76	59.64	180.63	3	695.9	85	340.47
1888	2050	3	20	1500	2.33	61.59	190.64	3	646.44	78.7	289.42
1889	2050	3	20	1600	1.82	63.84	190.48	4	586.92	67.2	221.48
1890	2050	3	20	1700	1.4	66.05	200.47	4.01	498.66	51.2	142.12
1891	2050	3	20	1800	0.55	72.42	200.47	4.01	314.15	29.7	58.22
1892	2050	3	20	1900	-0.21	77.61	190.48	4	0	10.2	10.19
1893	2050	3	20	2000	-1.06	83.29	190.48	4	0	0	0
1894	2050	3	20	2100	-2.75	87.96	190.64	3	0	0	0
1895	2050	3	20	2200	-4.36	91.67	180.95	2	0	0	0
1896	2050	3	20	2300	-6.05	94.29	181.9	1	0	0	0
1897	2050	3	21	0	-5.29	94.99	191.91	1	0	0	0
1898	2050	3	21	100	-4.61	95.62	201.86	1.01	0	0	0
1899	2050	3	21	200	-3.85	96.33	211.76	1.01	0	0	0
1900	2050	3	21	300	-4.27	95.93	191.91	1	0	0	0
1901	2050	3	21	400	-4.7	95.54	180.95	2	0	0	0
1902	2050	3	21	500	-5.12	95.15	160.85	1.99	0	0	0
1903	2050	3	21	600	-4.61	95.62	160.85	1.99	0	0	0
1904	2050	3	21	700	-4.11	96.09	150.75	1.98	0	10.2	10.19
1905	2050	3	21	800	-3.6	96.18	150.75	1.98	0	36.16	36.14
1906	2050	3	21	900	-2.58	88.88	170.91	1.99	0	77.89	77.85
1907	2050	3	21	1000	-1.48	82.36	180.63	3	0	123.49	123.43
1908	2050	3	21	1100	-0.46	74.75	200.62	3.01	0	174.94	174.86
1909	2050	3	21	1200	0.47	69.58	210.44	4.01	6.3	215.5	217.8
1910	2050	3	21	1300	1.32	63.18	210.44	4.01	15.42	216.4	222.33
1911	2050	3	21	1400	2.25	57.72	220.33	5.02	36.39	207.5	221.01
1912	2050	3	21	1500	2.25	54.76	220.33	5.02	58.32	191.7	211
1913	2050	3	21	1600	2.25	52.77	220.33	5.02	56.45	148.4	163.54
1914	2050	3	21	1700	2.25	49.76	220.33	5.02	161.6	92.6	122.96
1915	2050	3	21	1800	0.98	55.45	210.44	4.01	208.03	44.9	65.02
1916	2050	3	21	1900	-0.29	60.02	200.47	4.01	0	13.88	13.87
1917	2050	3	21	2000	-1.56	65.02	190.64	3	0	0	0

1918	2050	3	21	2100	-1.9	67.98	190.64	3	0	0	0
1919	2050	3	21	2200	-2.24	69.94	180.63	3	0	0	0
1920	2050	3	21	2300	-2.58	72.85	180.63	3	0	0	0
1921	2050	3	22	0	-4.7	79.59	170.61	2.99	0	0	0
1922	2050	3	22	100	-6.9	87.14	170.91	1.99	0	0	0
1923	2050	3	22	200	-9.02	91.61	160.85	1.99	0	0	0
1924	2050	3	22	300	-8.26	92.29	160.85	1.99	0	0	0
1925	2050	3	22	400	-7.41	93.06	170.61	2.99	0	0	0
1926	2050	3	22	500	-6.65	93.55	170.61	2.99	0	0	0
1927	2050	3	22	600	-6.48	93.55	170.61	2.99	0	1.79	1.79
1928	2050	3	22	700	-6.39	93.98	170.91	1.99	0	24.92	24.91
1929	2050	3	22	800	-6.22	94.14	170.91	1.99	219.7	57.8	86.25
1930	2050	3	22	900	-4.44	89.84	190.96	2	295.55	95.7	160.42
1931	2050	3	22	1000	-2.67	86.11	200.62	3.01	243.85	139.8	211.76
1932	2050	3	22	1100	-0.89	81.41	220.54	3.02	48.96	165.8	182.98
1933	2050	3	22	1200	-0.63	80.46	220.41	4.02	0	161.82	161.74
1934	2050	3	22	1300	-0.38	80.46	230.36	4.02	0	150.77	150.7
1935	2050	3	22	1400	-0.12	79.51	230.29	5.02	0	137.46	137.4
1936	2050	3	22	1500	-0.21	80.45	220.41	4.02	0	115.09	115.03
1937	2050	3	22	1600	-0.21	80.45	200.62	3.01	0	82.89	82.85
1938	2050	3	22	1700	-0.29	81.4	190.96	2	0	50.32	50.3
1939	2050	3	22	1800	-0.46	82.34	180.95	2	0	22.28	22.27
1940	2050	3	22	1900	-0.55	84.21	161.71	0.98	0	4.72	4.72
1941	2050	3	22	2000	-0.72	85.15	151.53	0.98	0	0	0
1942	2050	3	22	2100	-0.63	86.07	141.3	0.98	0	0	0
1943	2050	3	22	2200	-0.55	86.07	131.02	0.97	0	0	0
1944	2050	3	22	2300	-0.46	87	120.72	0.97	0	0	0
1945	2050	3	23	0	-0.72	87.92	130.51	1.97	0	0	0
1946	2050	3	23	100	-0.89	87.93	130.51	1.97	0	0	0
1947	2050	3	23	200	-1.14	88.85	140.42	2.98	0	0	0
1948	2050	3	23	300	-1.82	92.52	140.42	2.98	0	0	0
1949	2050	3	23	400	-2.58	95.26	150.75	1.98	0	0	0
1950	2050	3	23	500	-3.26	96.89	150.75	1.98	0	0	0
1951	2050	3	23	600	-2.5	97.6	150.75	1.98	0	1.79	1.79
1952	2050	3	23	700	-1.82	97.93	150.75	1.98	0	12.84	12.83
1953	2050	3	23	800	-1.06	97.92	150.75	1.98	0	32	31.99
1954	2050	3	23	900	0.04	91.54	160.56	2.99	0	75.24	75.21
1955	2050	3	23	1000	1.06	83.33	160.56	2.99	0	130.38	130.32
1956	2050	3	23	1100	2.16	75.97	170.45	3.99	0	149.45	149.38
1957	2050	3	23	1200	2.25	76.84	180.47	4	0	149.45	149.38
1958	2050	3	23	1300	2.25	78.69	180.38	5	0	135.86	135.79
1959	2050	3	23	1400	2.33	79.54	190.38	5	0	92.81	92.76
1960	2050	3	23	1500	2.25	81.44	200.31	6.01	0	65.05	65.02
1961	2050	3	23	1600	2.25	83.27	200.31	6.01	0	55.32	55.3
1962	2050	3	23	1700	2.16	85.15	210.25	7.02	0	37.2	37.18
1963	2050	3	23	1800	2.25	84.17	210.25	7.02	0	20.49	20.48
1964	2050	3	23	1900	2.42	84.1	210.3	6.02	0	5.48	5.47
1965	2050	3	23	2000	2.5	83.2	210.3	6.02	0	0	0
1966	2050	3	23	2100	2.42	83.2	210.3	6.02	0	0	0
1967	2050	3	23	2200	2.25	82.36	210.25	7.02	0	0	0
1968	2050	3	23	2300	2.16	82.42	210.25	7.02	0	0	0
1969	2050	3	24	0	1.99	83.48	210.25	7.02	0	0	0
1970	2050	3	24	100	1.82	83.62	220.27	6.02	0	0	0
1971	2050	3	24	200	1.65	84.67	220.27	6.02	0	0	0
1972	2050	3	24	300	1.57	84.74	220.27	6.02	0	0	0
1973	2050	3	24	400	1.57	85.65	230.29	5.02	0	0	0
1974	2050	3	24	500	1.48	85.72	230.29	5.02	0	0	0
1975	2050	3	24	600	1.23	87.76	220.33	5.02	0	0	0
1976	2050	3	24	700	0.89	89.87	220.41	4.02	0	8.69	8.68
1977	2050	3	24	800	0.64	91.91	210.44	4.01	0	23.6	23.59
1978	2050	3	24	900	0.64	91	210.36	5.02	0	41.16	41.14
1979	2050	3	24	1000	0.64	91	210.36	5.02	0	82.04	82
1980	2050	3	24	1100	0.64	90.1	210.3	6.02	63.9	165.5	188.73
1981	2050	3	24	1200	1.82	78.09	210.3	6.02	431.45	153.4	325.85

1982	2050	3	24	1300	3.01	67.36	200.37	5.01	617.02	121.9	374.07
1983	2050	3	24	1400	4.2	55.7	200.37	5.01	621.81	113.7	357.27
1984	2050	3	24	1500	4.03	58.66	200.31	6.01	599.06	102.2	311.97
1985	2050	3	24	1600	3.77	60.61	210.3	6.02	545.1	88.3	244.6
1986	2050	3	24	1700	3.6	63.52	210.25	7.02	433.94	68.8	159.1
1987	2050	3	24	1800	2.5	64.49	210.3	6.02	277.99	41	72.57
1988	2050	3	24	1900	1.4	65.08	200.37	5.01	0	18.32	18.31
1989	2050	3	24	2000	0.3	66.77	200.47	4.01	0	1.79	1.79
1990	2050	3	24	2100	0.38	66.72	210.44	4.01	0	0	0
1991	2050	3	24	2200	0.38	65.74	210.36	5.02	0	0	0
1992	2050	3	24	2300	0.47	65.68	220.33	5.02	0	0	0
1993	2050	3	25	0	0.72	68.44	220.27	6.02	0	0	0
1994	2050	3	25	100	1.06	70.14	210.25	7.02	0	0	0
1995	2050	3	25	200	1.32	72.83	210.22	8.02	0	0	0
1996	2050	3	25	300	0.04	77.57	200.27	7.01	0	0	0
1997	2050	3	25	400	-1.14	82.35	190.32	6	0	0	0
1998	2050	3	25	500	-2.41	86.11	180.38	5	0	0	0
1999	2050	3	25	600	-2.33	84.24	190.38	5	0	3.4	3.4
2000	2050	3	25	700	-2.24	81.43	190.38	5	0	36.73	36.71
2001	2050	3	25	800	-2.16	79.54	200.37	5.01	411.84	48.5	110.13
2002	2050	3	25	900	-1.23	72.83	200.37	5.01	446.4	86.4	193.17
2003	2050	3	25	1000	-0.21	66.97	210.36	5.02	243.25	161.1	237.71
2004	2050	3	25	1100	0.72	59.59	210.36	5.02	182.72	218.6	286.5
2005	2050	3	25	1200	1.57	55.12	200.37	5.01	357.41	177.4	322.45
2006	2050	3	25	1300	2.33	49.72	200.31	6.01	587.13	126.9	370.39
2007	2050	3	25	1400	3.18	45.66	190.32	6	666.27	102.7	367.74
2008	2050	3	25	1500	3.09	46.68	190.32	6	638.16	97.8	325
2009	2050	3	25	1600	3.09	46.68	200.37	5.01	480.67	104.1	244.6
2010	2050	3	25	1700	3.01	47.7	200.37	5.01	209.63	92.8	137.11
2011	2050	3	25	1800	2.59	51.72	200.37	5.01	38.33	49.7	54.26
2012	2050	3	25	1900	2.08	55.84	190.38	5	0	12.37	12.36
2013	2050	3	25	2000	1.65	60.03	190.38	5	0	0.76	0.75
2014	2050	3	25	2100	1.48	62.1	190.38	5	0	0	0
2015	2050	3	25	2200	1.4	64.11	180.47	4	0	0	0
2016	2050	3	25	2300	1.23	66.16	180.47	4	0	0	0
2017	2050	3	26	0	0.89	72.18	180.47	4	0	0	0
2018	2050	3	26	100	0.55	77.19	180.47	4	0	0	0
2019	2050	3	26	200	0.21	83.09	180.47	4	0	0	0
2020	2050	3	26	300	0.3	88.57	180.47	4	0	0	0
2021	2050	3	26	400	0.47	92.97	180.47	4	0	0	0
2022	2050	3	26	500	0.55	98.25	180.47	4	0	0	0
2023	2050	3	26	600	0.64	96.39	180.47	4	0	1.79	1.79
2024	2050	3	26	700	0.64	93.71	180.38	5	0	20.2	20.19
2025	2050	3	26	800	0.72	91.83	180.38	5	0	55.04	55.02
2026	2050	3	26	900	0.98	89.8	180.38	5	0	92.62	92.57
2027	2050	3	26	1000	1.15	86.92	180.38	5	0	129.25	129.19
2028	2050	3	26	1100	1.4	84.88	180.38	5	0	157.38	157.31
2029	2050	3	26	1200	1.48	84.81	180.38	5	0	177.59	177.5
2030	2050	3	26	1300	1.57	84.74	180.47	4	0	181.74	181.65
2031	2050	3	26	1400	1.65	84.67	180.47	4	0	180.98	180.9
2032	2050	3	26	1500	1.32	85.87	180.47	4	0	144.26	144.19
2033	2050	3	26	1600	1.06	87	180.47	4	0	101.49	101.44
2034	2050	3	26	1700	0.72	88.2	180.47	4	0	57.68	57.66
2035	2050	3	26	1800	0.72	89.11	180.47	4	0	22.85	22.84
2036	2050	3	26	1900	0.64	91	170.61	2.99	0	6.04	6.04
2037	2050	3	26	2000	0.64	91.91	170.61	2.99	0	0.76	0.75
2038	2050	3	26	2100	0.72	91.83	180.63	3	0	0	0
2039	2050	3	26	2200	0.72	92.73	180.63	3	0	0	0
2040	2050	3	26	2300	0.81	92.65	190.64	3	0	0	0
2041	2050	3	27	0	0.81	94.45	190.64	3	0	0	0
2042	2050	3	27	100	0.89	95.26	190.64	3	0	0	0
2043	2050	3	27	200	0.89	97.04	190.64	3	0	0	0
2044	2050	3	27	300	0.89	97.04	190.96	2	0	0	0
2045	2050	3	27	400	0.98	96.96	190.96	2	0	0	0

2046	2050	3	27	500	0.98	96.96	191.91	1	0	0	0
2047	2050	3	27	600	0.98	96.96	181.9	1	0	1.79	1.79
2048	2050	3	27	700	0.98	97.84	180.95	2	0	8.12	8.12
2049	2050	3	27	800	0.98	97.84	170.91	1.99	0	37.48	37.46
2050	2050	3	27	900	1.32	93.97	180.95	2	0	76.85	76.81
2051	2050	3	27	1000	1.57	89.27	200.62	3.01	0	92.81	92.76
2052	2050	3	27	1100	1.91	85.36	210.59	3.01	0	112.25	112.2
2053	2050	3	27	1200	2.08	84.32	210.59	3.01	0	165.5	165.42
2054	2050	3	27	1300	2.33	83.2	200.62	3.01	0	161.06	160.99
2055	2050	3	27	1400	2.5	82.29	200.62	3.01	0	136.89	136.83
2056	2050	3	27	1500	2.5	83.2	190.64	3	0	122.17	122.11
2057	2050	3	27	1600	2.59	85.01	190.64	3	0	100.17	100.12
2058	2050	3	27	1700	2.59	85.91	180.63	3	0	72.13	72.1
2059	2050	3	27	1800	2.16	89.64	170.61	2.99	0	45.23	45.11
2060	2050	3	27	1900	1.82	92.62	160.85	1.99	0	15.2	15.19
2061	2050	3	27	2000	1.4	96.55	150.75	1.98	0	1.6	1.6
2062	2050	3	27	2100	1.57	95.51	160.85	1.99	0	0	0
2063	2050	3	27	2200	1.65	95.43	170.61	2.99	0	0	0
2064	2050	3	27	2300	1.82	94.39	180.63	3	0	0	0
2065	2050	3	28	0	1.48	94.7	160.56	2.99	0	0	0
2066	2050	3	28	100	1.15	95.02	150.75	1.98	0	0	0
2067	2050	3	28	200	0.81	95.34	130.51	1.97	0	0	0
2068	2050	3	28	300	0.64	96.39	110.19	1.97	0	0	0
2069	2050	3	28	400	0.47	98.33	89.85	1.97	0	0	0
2070	2050	3	28	500	0.3	99.38	69.54	1.97	0	0	0
2071	2050	3	28	600	0.64	96.39	79.79	2.97	0	1.79	1.79
2072	2050	3	28	700	0.98	93.4	79.79	2.97	0	13.41	13.4
2073	2050	3	28	800	1.32	90.4	89.93	3.97	0	52.49	52.47
2074	2050	3	28	900	1.65	90.09	89.93	3.97	0	89.69	89.65
2075	2050	3	28	1000	1.99	88.9	79.88	4.97	0	103.28	103.24
2076	2050	3	28	1100	2.33	88.6	79.88	4.97	0	153.42	153.34
2077	2050	3	28	1200	2.42	90.38	79.88	4.97	0	177.59	177.5
2078	2050	3	28	1300	2.59	91.27	79.88	4.97	0	135.29	135.23
2079	2050	3	28	1400	2.67	93.04	79.88	4.97	0	120.94	120.88
2080	2050	3	28	1500	2.59	93.92	79.88	4.97	0	112.54	112.48
2081	2050	3	28	1600	2.59	93.92	89.94	4.97	0	98.56	98.52
2082	2050	3	28	1700	2.5	94.79	89.94	4.97	0	67.69	67.66
2083	2050	3	28	1800	2.42	94.79	89.93	3.97	0	31.72	31.71
2084	2050	3	28	1900	2.42	95.67	100.01	3.97	0	8.4	8.4
2085	2050	3	28	2000	2.33	95.67	100.02	2.97	0	0.76	0.75
2086	2050	3	28	2100	2.5	95.67	110.13	2.97	0	0	0
2087	2050	3	28	2200	2.59	96.54	110.1	3.97	0	0	0
2088	2050	3	28	2300	2.76	96.54	120.18	3.97	0	0	0
2089	2050	3	29	0	2.84	97.41	120.18	3.97	0	0	0
2090	2050	3	29	100	2.92	97.41	110.1	3.97	0	0	0
2091	2050	3	29	200	3.01	98.27	110.1	3.97	0	0	0
2092	2050	3	29	300	3.01	96.54	110.1	3.97	0	0	0
2093	2050	3	29	400	3.01	95.67	110.1	3.97	0	0	0
2094	2050	3	29	500	3.01	93.92	110.1	3.97	0	0	0
2095	2050	3	29	600	3.01	94.79	120.18	3.97	0	1.79	1.79
2096	2050	3	29	700	2.92	95.67	120.14	4.97	0	15.2	15.19
2097	2050	3	29	800	2.92	96.54	130.2	4.97	0	35.4	35.39
2098	2050	3	29	900	3.09	96.54	130.2	4.97	0	65.33	65.3
2099	2050	3	29	1000	3.18	95.67	140.25	4.98	0	95.73	95.69
2100	2050	3	29	1100	3.35	95.67	140.25	4.98	0	158.7	158.63
2101	2050	3	29	1200	3.26	93.92	160.42	3.99	0	155.02	154.95
2102	2050	3	29	1300	3.26	92.15	190.48	4	0	186.46	186.37
2103	2050	3	29	1400	3.18	90.38	210.59	3.01	0	155.21	155.14
2104	2050	3	29	1500	3.09	90.38	180.63	3	0	148.98	148.91
2105	2050	3	29	1600	2.92	90.38	140.42	2.98	0	139.54	139.47
2106	2050	3	29	1700	2.84	90.38	110.13	2.97	0	107.82	107.77
2107	2050	3	29	1800	2.59	92.15	110.13	2.97	0	52.21	52.18
2108	2050	3	29	1900	2.25	93.11	110.19	1.97	0	15.48	15.48
2109	2050	3	29	2000	1.99	95.11	110.19	1.97	0	2.64	2.64

2110	2050	3	29	2100	1.91	96.07	120.35	1.97	0	0	0
2111	2050	3	29	2200	1.91	96.94	120.72	0.97	0	0	0
2112	2050	3	29	2300	1.82	97.9	131.02	0.97	0	0	0
2113	2050	3	30	0	1.65	98.06	131.02	0.97	0	0	0
2114	2050	3	30	100	1.57	97.27	309.03	1.03	0	0	0
2115	2050	3	30	200	1.4	97.43	309.03	1.03	0	0	0
2116	2050	3	30	300	0.89	97.04	289.63	1.03	0	0	0
2117	2050	3	30	400	0.47	95.66	279.98	2.03	0	0	0
2118	2050	3	30	500	-0.04	95.21	260.3	2.03	0	0	0
2119	2050	3	30	600	-0.12	95.21	250.45	2.03	0	3.68	3.68
2120	2050	3	30	700	-0.12	94.3	250.3	3.03	0	25.4	25.38
2121	2050	3	30	800	-0.21	94.31	240.39	3.03	0	61.65	61.62
2122	2050	3	30	900	0.13	91.46	250.3	3.03	0	99.13	99.08
2123	2050	3	30	1000	0.47	89.34	250.3	3.03	0	156.06	155.99
2124	2050	3	30	1100	0.81	86.3	260.2	3.03	0	199.58	199.49
2125	2050	3	30	1200	0.81	84.46	250.3	3.03	0	213.46	213.36
2126	2050	3	30	1300	0.81	82.61	230.36	4.02	0	238.95	238.84
2127	2050	3	30	1400	0.81	80.75	220.41	4.02	39.26	247	263.66
2128	2050	3	30	1500	0.81	73.19	210.44	4.01	63.87	203.3	227.8
2129	2050	3	30	1600	0.81	64.48	190.64	3	116.3	177.9	215.25
2130	2050	3	30	1700	0.81	56.55	180.63	3	303.18	109.9	182.69
2131	2050	3	30	1800	-0.97	67.96	170.61	2.99	354.32	54.9	107.2
2132	2050	3	30	1900	-2.84	78.6	160.56	2.99	0	35.4	35.39
2133	2050	3	30	2000	-4.61	88.93	150.5	2.98	0	4.72	4.72
2134	2050	3	30	2100	-6.73	88.98	130.51	1.97	0	0	0
2135	2050	3	30	2200	-8.76	88.12	18.11	0.99	0	0	0
2136	2050	3	30	2300	-10.88	88.18	278.62	0.03	0	0	0
2137	2050	3	31	0	-12.15	87.3	278.62	0.03	0	0	0
2138	2050	3	31	100	-13.34	87.34	278.62	0.03	0	0	0
2139	2050	3	31	200	-14.61	86.45	278.62	0.03	0	0	0
2140	2050	3	31	300	-13.42	87.78	348.21	1.01	0	0	0
2141	2050	3	31	400	-12.24	88.79	348.21	1.01	0	0	0
2142	2050	3	31	500	-11.05	89.82	339.17	2.02	0	0	0
2143	2050	3	31	600	-9.87	90.86	348.21	1.01	0	7.36	7.36
2144	2050	3	31	700	-8.59	91.79	348.21	1.01	0.01	27	26.99
2145	2050	3	31	800	-7.41	90.84	278.62	0.03	11.94	77.7	79.93
2146	2050	3	31	900	-5.88	86.18	338.35	1.02	152.71	136	178.54
2147	2050	3	31	1000	-4.36	80.53	231.4	1.02	266.14	220.9	315.09
2148	2050	3	31	1100	-2.84	75.74	210.88	2.01	313.37	245.3	373.78
2149	2050	3	31	1200	-2.5	75.74	210.59	3.01	99.94	262.5	306.69
2150	2050	3	31	1300	-2.16	74.77	210.59	3.01	0	249.62	249.5
2151	2050	3	31	1400	-1.82	74.77	210.44	4.01	0	231.3	231.2
2152	2050	3	31	1500	-1.82	73.81	200.47	4.01	149.34	224.8	283.1
2153	2050	3	31	1600	-1.73	73.8	200.47	4.01	183.08	184.5	244.31
2154	2050	3	31	1700	-1.82	74.77	190.48	4	64.44	130.2	145.98
2155	2050	3	31	1800	-1.99	74.77	190.48	4	0	62.12	62.09
2156	2050	3	31	1900	-2.24	75.73	180.38	5	0	19.17	19.16
2157	2050	3	31	2000	-2.5	75.74	180.38	5	0	3.12	3.11
2158	2050	3	31	2100	-2.75	76.7	180.38	5	0	0	0
2159	2050	3	31	2200	-3	76.7	190.38	5	0	0	0
2160	2050	3	31	2300	-3.17	77.66	190.38	5	0	0	0
2161	2050	4	1	0	-3.57	74.83	300.44	1.95	0	0	0
2162	2050	4	1	100	-3.49	75.86	300.29	2.95	0	0	0
2163	2050	4	1	200	-3.4	75.85	300.29	2.95	0	0	0
2164	2050	4	1	300	-3.06	76.84	300.29	2.95	0	0	0
2165	2050	4	1	400	-2.72	76.79	310.48	2.95	0	0	0
2166	2050	4	1	500	-2.21	77.76	310.48	2.95	0	0	0
2167	2050	4	1	600	-1.52	77.66	310.48	2.95	0	6.53	6.53
2168	2050	4	1	700	-0.84	78.59	310.48	2.95	156.55	34.6	50.22
2169	2050	4	1	800	-0.93	78.61	310.48	2.95	508.42	55.1	154.74
2170	2050	4	1	900	0.44	73.95	320.65	2.95	649.07	69.4	254.62
2171	2050	4	1	1000	1.72	67.79	320.48	3.96	559.62	105.1	306.83
2172	2050	4	1	1100	3.08	63.49	330.59	3.96	234.77	178.9	276.66
2173	2050	4	1	1200	3.51	59.47	330.47	4.96	307.86	227.5	365.95

2174	2050	4	1	1300	4.02	56.46	330.39	5.96	288.19	193.5	325.28
2175	2050	4	1	1400	4.45	52.45	330.39	5.96	315.35	192.8	331.33
2176	2050	4	1	1500	4.36	51.45	330.39	5.96	236.76	191.4	285.36
2177	2050	4	1	1600	4.19	50.45	330.47	4.96	333.42	147.8	258.78
2178	2050	4	1	1700	4.11	49.45	330.47	4.96	231.81	113	171.29
2179	2050	4	1	1800	3.17	56.46	320.48	3.96	223.89	71.1	106.69
2180	2050	4	1	1900	2.23	62.49	310.48	2.95	0	26.77	26.77
2181	2050	4	1	2000	1.29	70.16	300.44	1.95	0	0.57	0.57
2182	2050	4	1	2100	0.52	71.82	300.44	1.95	0	0	0
2183	2050	4	1	2200	-0.24	72.29	310.72	1.95	0	0	0
2184	2050	4	1	2300	-1.01	73.43	310.72	1.95	0	0	0
2185	2050	4	2	0	-2.38	78.82	320.98	1.95	0	0	0
2186	2050	4	2	100	-3.83	83.22	320.98	1.95	0	0	0
2187	2050	4	2	200	-5.19	88.69	332.45	0.96	0	0	0
2188	2050	4	2	300	-6.13	89.9	311.48	0.95	0	0	0
2189	2050	4	2	400	-6.98	92.16	300.44	1.95	0	0	0
2190	2050	4	2	500	-7.92	92.59	279.85	1.94	0	0	0
2191	2050	4	2	600	-6.98	93.21	248	0.95	0	5.49	5.49
2192	2050	4	2	700	-5.96	93.03	196.68	1	72.97	33.8	41.52
2193	2050	4	2	800	-5.02	92.87	167.06	1.03	249.37	67.7	118.23
2194	2050	4	2	900	-3.32	82.1	138.18	1.05	487.6	93.9	236.18
2195	2050	4	2	1000	-1.61	71.44	90.81	1.06	317.55	193	309.48
2196	2050	4	2	1100	0.1	60.84	62.25	1.04	572.28	164.2	406.15
2197	2050	4	2	1200	0.35	54.53	41.49	2.03	303.98	219.3	357.81
2198	2050	4	2	1300	0.69	49.23	1.62	1.99	703.7	156.3	482.38
2199	2050	4	2	1400	0.95	43.01	341.38	1.97	405.14	187.5	367.84
2200	2050	4	2	1500	0.78	42.09	1.62	1.99	24.18	217.9	227.57
2201	2050	4	2	1600	0.69	40.11	11.66	2	23.36	190.5	198.34
2202	2050	4	2	1700	0.52	39.17	31.59	2.02	125.67	145.8	178.1
2203	2050	4	2	1800	-0.76	46.62	31.59	2.02	79.58	58.9	71.98
2204	2050	4	2	1900	-2.12	52.91	41.49	2.03	0	27.82	27.81
2205	2050	4	2	2000	-3.4	60.28	41.49	2.03	0	1.04	1.04
2206	2050	4	2	2100	-4.34	62.46	42.94	1.03	0	0	0
2207	2050	4	2	2200	-5.28	63.61	42.94	1.03	0	0	0
2208	2050	4	2	2300	-6.22	65.81	33.16	1.02	0	0	0
2209	2050	4	3	0	-7.92	72.31	13.32	1	0	0	0
2210	2050	4	3	100	-9.54	78.85	342.81	0.97	0	0	0
2211	2050	4	3	200	-11.25	85.47	310.72	1.95	0	0	0
2212	2050	4	3	300	-12.1	86.67	320.98	1.95	0	0	0
2213	2050	4	3	400	-13.04	86.82	320.98	1.95	0	0	0
2214	2050	4	3	500	-13.89	87.38	331.2	1.96	0	0	0
2215	2050	4	3	600	-12.19	86.68	320.98	1.95	0	14.76	14.76
2216	2050	4	3	700	-10.4	85.33	320.98	1.95	458.46	32.7	84.37
2217	2050	4	3	800	-8.69	84	320.98	1.95	625.36	51.4	182.08
2218	2050	4	3	900	-6.9	75.31	341.38	1.97	739.39	63.3	283.75
2219	2050	4	3	1000	-5.02	67.74	1.62	1.99	816.66	71.5	376.26
2220	2050	4	3	1100	-3.23	59.22	21.65	2.01	854.45	79.6	446.16
2221	2050	4	3	1200	-2.63	54	21.65	2.01	866.12	86.2	486.07
2222	2050	4	3	1300	-1.95	49.81	31.06	3.02	867.44	88.5	495.53
2223	2050	4	3	1400	-1.35	44.63	41	3.03	856.23	87	473.21
2224	2050	4	3	1500	-1.44	43.61	41	3.03	829.81	79.7	418.54
2225	2050	4	3	1600	-1.44	42.59	41	3.03	769.28	71.3	336.06
2226	2050	4	3	1700	-1.52	41.57	41	3.03	690.64	60.5	241.95
2227	2050	4	3	1800	-3.14	47.87	31.59	2.02	562.2	42.3	137.9
2228	2050	4	3	1900	-4.85	54.23	21.65	2.01	0	47.02	47.01
2229	2050	4	3	2000	-6.47	60.63	13.32	1	0	2.37	2.36
2230	2050	4	3	2100	-8.86	67.19	353.08	0.98	0	0	0
2231	2050	4	3	2200	-11.25	74.88	332.45	0.96	0	0	0
2232	2050	4	3	2300	-13.64	81.59	311.48	0.95	0	0	0
2233	2050	4	4	0	-14.92	81.79	322	0.95	0	0	0
2234	2050	4	4	100	-16.28	82	105	0.06	0	0	0
2235	2050	4	4	200	-17.56	82.2	105	0.06	0	0	0
2236	2050	4	4	300	-17.99	82.27	105	0.06	0	0	0
2237	2050	4	4	400	-18.41	83.41	105	0.06	0	0	0

2238	2050	4	4	500	-18.84	83.27	105	0.06	0	0	0
2239	2050	4	4	600	-15.77	82.99	105	0.06	0	13.43	13.43
2240	2050	4	4	700	-12.7	82.51	119.19	1.06	0.29	41.5	41.52
2241	2050	4	4	800	-9.63	82.03	138.18	1.05	0	89.6	89.57
2242	2050	4	4	900	-7.24	72.21	147.74	1.04	0	152.7	152.66
2243	2050	4	4	1000	-4.77	63.55	158.66	2.04	3.86	223.8	225.21
2244	2050	4	4	1100	-2.38	53.97	168.51	2.03	36.37	287.5	303.24
2245	2050	4	4	1200	-1.27	48.72	188.35	2.01	15.74	297.2	304.47
2246	2050	4	4	1300	-0.16	43.5	208.38	1.99	75.26	310.1	345.8
2247	2050	4	4	1400	0.95	37.97	238.8	1.96	117.85	317.2	370.96
2248	2050	4	4	1500	0.86	38.01	239.21	2.96	28.95	267.4	279.31
2249	2050	4	4	1600	0.86	39.02	239.21	2.96	206.85	180.4	252.73
2250	2050	4	4	1700	0.78	39.06	249.35	2.95	708.26	61.2	251.22
2251	2050	4	4	1800	-0.5	46.6	249.35	2.95	595.66	41	145.57
2252	2050	4	4	1900	-1.87	52.89	259.28	1.95	0	51.75	51.74
2253	2050	4	4	2000	-3.14	60.25	259.28	1.95	0	3.41	3.41
2254	2050	4	4	2100	-4.42	65.58	279.85	1.94	0	0	0
2255	2050	4	4	2200	-5.79	72.02	300.91	0.94	0	0	0
2256	2050	4	4	2300	-7.07	77.43	322	0.95	0	0	0
2257	2050	4	5	0	-7.67	82.78	311.48	0.95	0	0	0
2258	2050	4	5	100	-8.35	87.11	300.44	1.95	0	0	0
2259	2050	4	5	200	-8.95	91.68	290.15	1.94	0	0	0
2260	2050	4	5	300	-9.97	90.77	300.44	1.95	0	0	0
2261	2050	4	5	400	-11.08	89.69	311.48	0.95	0	0	0
2262	2050	4	5	500	-12.1	88.8	332.45	0.96	0	0	0
2263	2050	4	5	600	-10.74	82.21	342.81	0.97	0	18.64	18.63
2264	2050	4	5	700	-9.46	74.62	342.81	0.06	421.71	34.3	87.21
2265	2050	4	5	800	-8.09	68.14	105	0.06	620.12	53.6	191.25
2266	2050	4	5	900	-5.02	61.5	105	0.06	730.22	67	293.97
2267	2050	4	5	1000	-2.04	55.99	105	0.06	797.99	74.8	382.5
2268	2050	4	5	1100	1.03	49.03	167.06	1.03	830.84	84.6	451.07
2269	2050	4	5	1200	1.63	46.68	186.71	1.01	830.86	96.5	490.04
2270	2050	4	5	1300	2.23	44.46	218.48	1.98	687.27	170.3	500.73
2271	2050	4	5	1400	2.83	42.46	249.02	1.95	713.6	145.7	475.57
2272	2050	4	5	1500	2.57	42.46	259.28	1.95	787.65	93.4	423.83
2273	2050	4	5	1600	2.23	43.46	279.85	1.94	330.5	170.8	288.2
2274	2050	4	5	1700	1.97	43.5	290.1	2.94	9.9	153.1	155.78
2275	2050	4	5	1800	1.29	46.87	310.72	1.95	74.51	88.5	101.96
2276	2050	4	5	1900	0.52	49.32	322	0.95	0	34.15	34.15
2277	2050	4	5	2000	-0.16	52.71	342.81	0.97	0	3.41	3.41
2278	2050	4	5	2100	-0.59	55.84	353.08	0.98	0	0	0
2279	2050	4	5	2200	-0.93	58.96	353.08	0.98	0	0	0
2280	2050	4	5	2300	-1.35	62.1	325	0.99	0	0	0
2281	2050	4	6	0	-2.29	66.35	353.08	0.98	0	0	0
2282	2050	4	6	100	-3.23	69.59	332.45	0.96	0	0	0
2283	2050	4	6	200	-4.17	73.88	320.98	1.95	0	0	0
2284	2050	4	6	300	-5.45	79.29	320.98	1.95	0	0	0
2285	2050	4	6	400	-6.73	84.74	331.2	1.96	0	0	0
2286	2050	4	6	500	-8.01	90.22	341.38	1.97	0	0	0
2287	2050	4	6	600	-7.15	87.97	351.52	1.98	0	26.3	26.29
2288	2050	4	6	700	-6.39	84.68	1.62	1.99	422.41	37.1	92.79
2289	2050	4	6	800	-5.53	82.45	11.66	2	555.55	56.9	183.68
2290	2050	4	6	900	-4.34	70.78	21.65	2.01	720.44	79.7	308.16
2291	2050	4	6	1000	-3.14	58.18	31.06	3.02	703.12	99.2	374.65
2292	2050	4	6	1100	-1.95	46.73	40.75	4.03	829.86	90.8	461.86
2293	2050	4	6	1200	-1.69	45.68	50.9	3.04	887.95	86.4	512.08
2294	2050	4	6	1300	-1.35	43.6	50.9	3.04	890.02	87.8	520.78
2295	2050	4	6	1400	-1.1	42.56	50.9	3.04	879.75	84.1	495.81
2296	2050	4	6	1500	-1.27	42.57	50.9	3.04	849.91	79.6	440.86
2297	2050	4	6	1600	-1.35	41.56	41	3.03	815.95	68.8	363.11
2298	2050	4	6	1700	-1.52	41.57	31.06	3.02	741.75	59.3	266.44
2299	2050	4	6	1800	-2.89	45.79	31.59	2.02	529.62	45.2	143.96
2300	2050	4	6	1900	-4.25	51.06	21.65	2.01	303.23	22.4	49.66
2301	2050	4	6	2000	-5.62	55.34	23.29	1.01	0	4.16	4.16

2302	2050	4	6	2100	-8.01	63.94	13.32	1	0	0	0
2303	2050	4	6	2200	-10.48	71.61	353.08	0.98	0	0	0
2304	2050	4	6	2300	-12.87	80.41	342.81	0.97	0	0	0
2305	2050	4	7	0	-14.23	81.69	322	0.95	0	0	0
2306	2050	4	7	100	-15.51	81.88	300.91	0.94	0	0	0
2307	2050	4	7	200	-16.88	83.16	290.31	0.94	0	0	0
2308	2050	4	7	300	-17.73	82.23	300.91	0.94	0	0	0
2309	2050	4	7	400	-18.5	81.27	322	0.95	0	0	0
2310	2050	4	7	500	-19.35	80.33	341.38	1.97	0	0	0
2311	2050	4	7	600	-17.13	78.92	342.81	0.97	0	25.26	25.25
2312	2050	4	7	700	-14.83	76.45	353.08	0.98	518.56	33.2	104.8
2313	2050	4	7	800	-12.61	75.07	105	0.06	669.83	49.9	207.05
2314	2050	4	7	900	-9.2	63.04	105	0.06	764.32	62.1	309.2
2315	2050	4	7	1000	-5.87	50.19	62.25	1.04	826.59	72.8	401.7
2316	2050	4	7	1100	-2.46	38.57	90.81	1.06	857.3	82.4	470.84
2317	2050	4	7	1200	-1.78	36.48	71.82	1.05	872.54	89	512.36
2318	2050	4	7	1300	-1.1	35.41	51.34	2.04	871.36	91.6	520.5
2319	2050	4	7	1400	-0.42	33.33	41.49	2.03	864.57	87.9	497.33
2320	2050	4	7	1500	-0.33	34.34	41.49	2.03	814.62	84.4	435.09
2321	2050	4	7	1600	-0.16	34.33	51.34	2.04	705.91	81.5	339.94
2322	2050	4	7	1700	-0.07	35.34	61.15	2.04	667.23	68.8	258.78
2323	2050	4	7	1800	-1.52	39.53	51.34	2.04	414.77	61.3	140.84
2324	2050	4	7	1900	-2.89	44.76	33.16	1.02	107.53	31.6	41.81
2325	2050	4	7	2000	-4.34	49.01	23.29	1.01	0	5.77	5.77
2326	2050	4	7	2100	-6.64	58.57	13.32	1	0	0	0
2327	2050	4	7	2200	-9.03	67.21	105	0.06	0	0	0
2328	2050	4	7	2300	-11.33	77.01	105	0.06	0	0	0
2329	2050	4	8	0	-12.61	79.31	353.08	0.98	0	0	0
2330	2050	4	8	100	-13.81	81.62	332.45	0.96	0	0	0
2331	2050	4	8	200	-15.09	83.95	320.98	1.95	0	0	0
2332	2050	4	8	300	-16.03	83.03	310.72	1.95	0	0	0
2333	2050	4	8	400	-16.88	82.09	300.91	0.94	0	0	0
2334	2050	4	8	500	-17.82	81.17	300.91	0.94	0	0	0
2335	2050	4	8	600	-15.68	77.64	322	0.95	0	29.42	29.42
2336	2050	4	8	700	-13.55	74.14	105	0.06	538.74	33.9	111.7
2337	2050	4	8	800	-11.42	70.68	105	0.06	685.09	49.4	214.42
2338	2050	4	8	900	-7.67	57.64	105	0.06	782.83	62.9	320.83
2339	2050	4	8	1000	-3.83	45.87	119.19	1.06	838.33	73.1	411.73
2340	2050	4	8	1100	-0.07	33.31	138.18	1.05	876.45	78.3	480.58
2341	2050	4	8	1200	0.95	30.93	158.66	2.04	896.76	82.3	522.58
2342	2050	4	8	1300	1.97	29.57	168.51	2.03	895.76	84	529.96
2343	2050	4	8	1400	3	27.56	178.94	3.02	889.37	83.8	510
2344	2050	4	8	1500	2.83	28.55	178.94	3.02	862.08	79.7	455.61
2345	2050	4	8	1600	2.66	29.54	169	3.03	820.49	72.8	377.58
2346	2050	4	8	1700	2.49	30.53	159.1	3.04	725.52	63.9	274.3
2347	2050	4	8	1800	1.55	33.71	159.1	3.04	453.14	45.9	135.35
2348	2050	4	8	1900	0.61	36.1	149.23	3.04	98.85	31	40.96
2349	2050	4	8	2000	-0.33	39.44	148.85	2.04	0	6.81	6.81
2350	2050	4	8	2100	-1.61	45.68	148.85	2.04	0	0	0
2351	2050	4	8	2200	-2.97	50.94	139.07	2.05	0	0	0
2352	2050	4	8	2300	-4.25	57.27	139.07	2.05	0	0	0
2353	2050	4	9	0	-4.34	57.28	139.07	2.05	0	0	0
2354	2050	4	9	100	-4.42	57.29	148.85	2.04	0	0	0
2355	2050	4	9	200	-4.51	57.29	158.66	2.04	0	0	0
2356	2050	4	9	300	-4.08	59.32	158.66	2.04	0	0	0
2357	2050	4	9	400	-3.74	61.35	168.51	2.03	0	0	0
2358	2050	4	9	500	-3.32	63.37	169	3.03	0	0.57	0.57
2359	2050	4	9	600	-2.46	64.3	169	3.03	0	19.21	19.2
2360	2050	4	9	700	-1.69	64.21	169.25	4.03	4.67	67.6	68.29
2361	2050	4	9	800	-0.84	65.14	179.2	4.02	2.33	87.7	88.25
2362	2050	4	9	900	-0.24	68.16	169.25	4.03	0	133.21	133.18
2363	2050	4	9	1000	0.44	71.89	159.1	3.04	0	165.28	165.24
2364	2050	4	9	1100	1.03	74.46	159.1	3.04	0.32	221.9	221.99
2365	2050	4	9	1200	1.89	70.69	169.25	4.03	11.62	294.9	300.59

2366	2050	4	9	1300	2.74	66.51	179.36	5.02	16.73	288	296.33
2367	2050	4	9	1400	3.59	63.49	189.45	6.01	3.48	260.1	261.72
2368	2050	4	9	1500	3.25	70.55	189.34	5.01	0	148.25	148.21
2369	2050	4	9	1600	2.91	76.61	189.34	5.01	0	153.74	153.7
2370	2050	4	9	1700	2.57	83.7	189.17	4.01	0	90.92	90.9
2371	2050	4	9	1800	2.83	78.63	189.17	4.01	0	73.32	73.3
2372	2050	4	9	1900	3.08	73.58	199.17	4	9.49	26.8	27.81
2373	2050	4	9	2000	3.34	68.53	199.17	4	0	5.3	5.3
2374	2050	4	9	2100	3.25	69.54	199.17	4	0	0	0
2375	2050	4	9	2200	3.08	70.55	189.17	4.01	0	0	0
2376	2050	4	9	2300	3	71.56	189.17	4.01	0	0	0
2377	2050	4	10	0	2.91	71.56	189.17	4.01	0	0	0
2378	2050	4	10	100	2.74	72.57	199.17	4	0	0	0
2379	2050	4	10	200	2.66	72.57	209.36	4.99	0	0	0
2380	2050	4	10	300	2.14	78.63	199.17	4	0	0	0
2381	2050	4	10	400	1.63	85.14	189.17	4.01	0	0	0
2382	2050	4	10	500	1.12	91.82	189.17	4.01	0	0.57	0.57
2383	2050	4	10	600	0.95	88.91	189.17	4.01	0	11.07	11.07
2384	2050	4	10	700	0.78	87.02	179.2	4.02	6.42	21.6	22.61
2385	2050	4	10	800	0.61	84.1	179.2	4.02	0.26	72.5	72.55
2386	2050	4	10	900	0.95	80.68	178.94	3.02	0	117.22	117.19
2387	2050	4	10	1000	1.38	76.2	178.94	3.02	0	179.19	179.14
2388	2050	4	10	1100	1.72	72.85	178.94	3.02	0	239.17	239.11
2389	2050	4	10	1200	1.89	70.69	178.94	3.02	0	222.33	222.27
2390	2050	4	10	1300	2.14	69.54	178.94	3.02	0	188.94	188.89
2391	2050	4	10	1400	2.31	67.52	178.94	3.02	0	176.07	176.02
2392	2050	4	10	1500	2.23	67.52	188.9	3.01	0	160.55	160.51
2393	2050	4	10	1600	2.14	67.52	208.38	1.99	0	156.67	156.63
2394	2050	4	10	1700	2.06	67.52	218.48	1.98	0.13	88.8	88.81
2395	2050	4	10	1800	1.8	69.74	208.38	1.99	4.48	36.9	37.83
2396	2050	4	10	1900	1.46	72.05	186.71	1.01	15.55	11.4	13.15
2397	2050	4	10	2000	1.21	74.31	176.84	1.02	0	2.37	2.36
2398	2050	4	10	2100	1.03	76.5	186.71	1.01	0	0	0
2399	2050	4	10	2200	0.95	77.6	196.68	1	0	0	0
2400	2050	4	10	2300	0.78	79.81	206.75	0.99	0	0	0
2401	2050	4	11	0	0.69	81.95	206.75	0.99	0	0	0
2402	2050	4	11	100	0.69	82.98	206.75	0.99	0	0	0
2403	2050	4	11	200	0.61	85.13	216.92	0.98	0	0	0
2404	2050	4	11	300	0.52	86.25	216.92	0.98	0	0	0
2405	2050	4	11	400	0.52	86.25	208.38	1.99	0	0	0
2406	2050	4	11	500	0.44	87.37	208.38	1.99	0	1.04	1.04
2407	2050	4	11	600	1.03	83.68	208.38	1.99	0	16.27	16.27
2408	2050	4	11	700	1.55	80.12	208.93	2.99	10.59	60.8	62.52
2409	2050	4	11	800	2.14	76.61	209.19	3.99	267.74	168.1	237.5
2410	2050	4	11	900	3	71.56	209.19	3.99	178.5	190.7	252.73
2411	2050	4	11	1000	3.94	66.51	209.19	3.99	433.06	130.1	312.7
2412	2050	4	11	1100	4.79	61.48	199.17	4	743.01	105.9	459.78
2413	2050	4	11	1200	5.64	58.47	199.17	4	849.55	86.1	517.57
2414	2050	4	11	1300	6.58	55.46	199.17	4	812.64	98.1	516.05
2415	2050	4	11	1400	7.43	52.45	199.17	4	784.76	105.5	494.2
2416	2050	4	11	1500	7.26	54.46	199.17	4	809.55	82	447.95
2417	2050	4	11	1600	7.18	57.46	209.19	3.99	763.26	69.8	365.47
2418	2050	4	11	1700	7.01	59.47	209.19	3.99	667.2	61.2	265.4
2419	2050	4	11	1800	6.32	63.49	198.9	3	545.5	52.2	168.64
2420	2050	4	11	1900	5.56	67.52	178.94	3.02	424.2	37.5	86.92
2421	2050	4	11	2000	4.87	71.56	168.51	2.03	0	15.52	15.51
2422	2050	4	11	2100	3.76	77.62	178.41	2.02	0	0	0
2423	2050	4	11	2200	2.74	82.69	188.35	2.01	0	0	0
2424	2050	4	11	2300	1.63	89.23	198.9	3	0	0	0
2425	2050	4	12	0	1.46	89.4	188.9	3.01	0	0	0
2426	2050	4	12	100	1.38	90.52	188.9	3.01	0	0	0
2427	2050	4	12	200	1.21	90.7	178.94	3.02	0	0	0
2428	2050	4	12	300	1.21	92.75	178.94	3.02	0	0	0
2429	2050	4	12	400	1.21	94.81	178.94	3.02	0	0	0

2430	2050	4	12	500	1.21	96.87	188.9	3.01	0	1.04	1.04
2431	2050	4	12	600	1.63	94.34	189.17	4.01	0	10.5	10.5
2432	2050	4	12	700	1.97	92.95	189.34	5.01	6.39	27	28.09
2433	2050	4	12	800	2.4	90.82	189.34	5.01	4.15	54.9	55.99
2434	2050	4	12	900	3.42	84.72	189.34	5.01	5.04	116.2	117.95
2435	2050	4	12	1000	4.45	79.65	189.45	6.01	127.14	214.2	268.53
2436	2050	4	12	1100	5.47	73.58	189.45	6.01	130.37	273.3	336.06
2437	2050	4	12	1200	6.41	69.54	189.45	6.01	582.44	215.2	514.16
2438	2050	4	12	1300	7.43	64.5	189.45	6.01	795.74	116.1	529.67
2439	2050	4	12	1400	8.37	60.48	189.53	7.01	776.99	106.8	495.81
2440	2050	4	12	1500	8.2	62.49	189.45	6.01	708.75	113	437.17
2441	2050	4	12	1600	7.94	63.49	199.45	6	534.64	132.4	342.3
2442	2050	4	12	1700	7.77	65.51	199.45	6	412.21	120.8	249.04
2443	2050	4	12	1800	7.09	68.53	199.45	6	223.72	89.9	138.76
2444	2050	4	12	1900	6.49	72.57	199.34	5	42.55	49.2	54.39
2445	2050	4	12	2000	5.81	75.6	199.34	5	0	18.35	18.35
2446	2050	4	12	2100	5.64	76.61	199.34	5	0	0	0
2447	2050	4	12	2200	5.39	78.63	199.34	5	0	0	0
2448	2050	4	12	2300	5.21	79.65	199.34	5	0	0	0
2449	2050	4	13	0	4.87	82.69	199.17	4	0	0	0
2450	2050	4	13	100	4.62	84.72	199.17	4	0	0	0
2451	2050	4	13	200	4.28	87.77	199.17	4	0	0	0
2452	2050	4	13	300	4.02	89.8	199.17	4	0	0	0
2453	2050	4	13	400	3.85	91.84	199.17	4	0	0	0
2454	2050	4	13	500	3.59	93.88	188.9	3.01	0	1.8	1.8
2455	2050	4	13	600	4.28	88.78	199.17	4	0	22.9	22.89
2456	2050	4	13	700	4.87	84.72	199.17	4	116.74	37.6	58.07
2457	2050	4	13	800	5.56	79.65	209.36	4.99	673.29	58.9	241.76
2458	2050	4	13	900	6.24	75.6	209.19	3.99	747.15	75	343.63
2459	2050	4	13	1000	6.84	71.56	209.19	3.99	546.21	136.7	373.33
2460	2050	4	13	1100	7.52	67.52	219.24	3.98	586.15	152	437.74
2461	2050	4	13	1200	8.03	65.51	209.19	3.99	846.97	100	539.42
2462	2050	4	13	1300	8.46	63.49	199.17	4	813.74	130	557.29
2463	2050	4	13	1400	8.97	61.48	199.17	4	639.27	112	435.37
2464	2050	4	13	1500	8.46	64.5	199.17	4	318.61	132.7	280.06
2465	2050	4	13	1600	8.03	66.51	199.17	4	752.37	95.5	394.89
2466	2050	4	13	1700	7.52	69.54	199.17	4	108.6	139.6	173.94
2467	2050	4	13	1800	6.92	72.57	188.9	3.01	6.58	83.4	84.84
2468	2050	4	13	1900	6.32	75.6	188.9	3.01	15.73	24.3	26.29
2469	2050	4	13	2000	5.73	78.63	188.9	3.01	0	5.01	5.01
2470	2050	4	13	2100	5.21	80.66	198.9	3	0	0	0
2471	2050	4	13	2200	4.79	83.7	208.93	2.99	0	0	0
2472	2050	4	13	2300	4.28	85.73	208.93	2.99	0	0	0
2473	2050	4	14	0	3.34	87.77	178.94	3.02	0	0	0
2474	2050	4	14	100	2.31	89.8	119.58	2.06	0	0	0
2475	2050	4	14	200	1.38	92.57	100.27	1.06	0	0	0
2476	2050	4	14	300	0.95	94.06	119.19	1.06	0	0	0
2477	2050	4	14	400	0.61	95.47	167.06	1.03	0	0	0
2478	2050	4	14	500	0.18	96.99	196.68	1	0	3.69	3.69
2479	2050	4	14	600	0.78	95.28	218.48	1.98	0	22.61	22.61
2480	2050	4	14	700	1.38	93.6	340.92	2.97	25.09	59.3	63.84
2481	2050	4	14	800	1.97	91.93	0.81	3.99	5.93	86.9	88.53
2482	2050	4	14	900	2.06	85.73	10.83	4	5.75	162.9	164.96
2483	2050	4	14	1000	2.14	79.65	20.66	5.01	1.02	198.8	199.2
2484	2050	4	14	1100	2.23	73.58	30.53	6.02	2.14	250.7	251.69
2485	2050	4	14	1200	2.4	68.53	20.66	5.01	6.7	292.7	296.14
2486	2050	4	14	1300	2.57	62.49	20.83	4.01	127.38	330.5	398.01
2487	2050	4	14	1400	2.74	57.46	10.83	4	192.93	324.5	422.98
2488	2050	4	14	1500	2.57	54.46	0.81	3.99	333.23	253.6	409.36
2489	2050	4	14	1600	2.4	50.45	0.81	3.99	724.51	128.9	420.9
2490	2050	4	14	1700	2.23	47.45	350.76	3.98	706.5	101.4	328.68
2491	2050	4	14	1800	1.63	48.69	1.07	2.99	482.34	65.5	176.02
2492	2050	4	14	1900	0.95	51.11	1.07	2.99	471.11	38	100.35
2493	2050	4	14	2000	0.35	52.48	11.66	2	0	22.9	22.89

2494	2050	4	14	2100	-0.76	58.94	1.62	1.99	0	0	0
2495	2050	4	14	2200	-1.78	66.29	341.38	1.97	0	0	0
2496	2050	4	14	2300	-2.89	72.66	331.2	1.96	0	0	0
2497	2050	4	15	0	-3.83	76.96	331.2	1.96	0	0	0
2498	2050	4	15	100	-4.77	81.28	320.98	1.95	0	0	0
2499	2050	4	15	200	-5.7	85.62	320.98	1.95	0	0	0
2500	2050	4	15	300	-5.79	88.79	310.72	1.95	0	0	0
2501	2050	4	15	400	-5.79	90.9	300.44	1.95	0	0	0
2502	2050	4	15	500	-5.87	94.07	290.15	1.94	0	7.66	7.66
2503	2050	4	15	600	-4	84.3	290.15	1.94	378.94	24.9	59.4
2504	2050	4	15	700	-2.21	75.68	300.44	1.95	572.84	45.2	152.66
2505	2050	4	15	800	-0.33	66.1	300.44	1.95	697.12	60.5	258.03
2506	2050	4	15	900	0.61	60.48	310.72	1.95	780.86	72	361.79
2507	2050	4	15	1000	1.63	55.73	310.72	1.95	837.62	79.3	451.64
2508	2050	4	15	1100	2.57	50.45	320.65	2.95	840.79	95.5	514.73
2509	2050	4	15	1200	2.83	48.45	320.65	2.95	557.38	165.2	460.34
2510	2050	4	15	1300	3.17	45.45	330.59	3.96	374.22	234.7	435.09
2511	2050	4	15	1400	3.42	43.46	330.59	3.96	162.11	261.6	345.23
2512	2050	4	15	1500	3.51	42.46	320.48	3.96	437.31	243.9	450.6
2513	2050	4	15	1600	3.51	40.47	310.36	3.95	377.85	218.7	372.85
2514	2050	4	15	1700	3.59	39.47	300.22	3.95	600.38	148.1	344.19
2515	2050	4	15	1800	2.74	43.46	310.36	3.95	567.56	57.6	190.49
2516	2050	4	15	1900	1.89	47.55	320.65	2.95	475.43	36.9	102.25
2517	2050	4	15	2000	1.03	52.07	320.98	1.95	0	24.69	24.69
2518	2050	4	15	2100	-0.24	60.94	310.72	1.95	0	0	0
2519	2050	4	15	2200	-1.61	68.34	300.44	1.95	0	0	0
2520	2050	4	15	2300	-2.89	76.82	290.15	1.94	0	0	0
2521	2050	4	16	0	-3.4	77.94	290.15	1.94	0	0	0
2522	2050	4	16	100	-3.91	80.1	290.31	0.94	0	0	0
2523	2050	4	16	200	-4.42	81.22	290.31	0.94	0	0	0
2524	2050	4	16	300	-5.45	84.53	311.48	0.95	0	0	0
2525	2050	4	16	400	-6.39	87.84	105	0.06	0	0	0
2526	2050	4	16	500	-7.41	91.18	105	0.06	0	5.3	5.3
2527	2050	4	16	600	-4.94	81.3	105	0.06	342.06	27.8	60.91
2528	2050	4	16	700	-2.46	70.52	105	0.06	496.37	60.7	156.82
2529	2050	4	16	800	0.01	60.91	105	0.06	623.68	77.1	257.46
2530	2050	4	16	900	1.29	53.93	332.45	0.96	674.25	118	372
2531	2050	4	16	1000	2.49	46.45	290.1	2.94	822.74	92.4	462.71
2532	2050	4	16	1100	3.76	40.47	259.64	3.95	750.18	141.4	519.46
2533	2050	4	16	1200	4.28	37.48	249.52	3.96	686.72	179	546.23
2534	2050	4	16	1300	4.79	35.5	239.53	4.96	727.83	157.7	551.24
2535	2050	4	16	1400	5.3	32.52	229.45	4.97	756.88	140.1	534.69
2536	2050	4	16	1500	5.13	35.5	229.45	4.97	687.53	141.8	470.27
2537	2050	4	16	1600	5.04	37.48	229.31	3.97	597.74	121.2	368.12
2538	2050	4	16	1700	4.87	40.47	229.31	3.97	297.87	147.7	246.49
2539	2050	4	16	1800	4.02	45.45	219.24	3.98	74	126.3	143.96
2540	2050	4	16	1900	3.25	51.45	209.36	4.99	17.16	58.3	60.72
2541	2050	4	16	2000	2.4	56.46	209.36	4.99	0	14.48	14.47
2542	2050	4	16	2100	1.8	56.63	209.36	4.99	0	0	0
2543	2050	4	16	2200	1.29	56.97	209.36	4.99	0	0	0
2544	2050	4	16	2300	0.69	57.36	209.46	5.99	0	0	0
2545	2050	4	17	0	0.61	64.57	209.36	4.99	0	0	0
2546	2050	4	17	100	0.44	71.89	209.36	4.99	0	0	0
2547	2050	4	17	200	0.35	79.18	219.24	3.98	0	0	0
2548	2050	4	17	300	0.18	84.51	219.24	3.98	0	0	0
2549	2050	4	17	400	-0.07	90.95	219.24	3.98	0	0	0
2550	2050	4	17	500	-0.24	96.2	219.24	3.98	0	2.65	2.65
2551	2050	4	17	600	0.18	94.91	239.21	2.96	15.92	17.3	18.92
2552	2050	4	17	700	0.52	94.53	269.71	2.95	4.52	39.6	40.48
2553	2050	4	17	800	0.95	93.03	290.15	1.94	1.34	106.8	107.16
2554	2050	4	17	900	1.29	82.41	300.29	2.95	5.42	172.2	174.22
2555	2050	4	17	1000	1.63	72.93	320.48	3.96	63.87	268.9	297.94
2556	2050	4	17	1100	1.97	62.55	340.55	4.97	227.81	317.4	433.29
2557	2050	4	17	1200	2.31	55.46	340.55	4.97	283.81	297.9	451.07

2558	2050	4	17	1300	2.57	47.45	340.55	4.97	560.92	210.1	516.24
2559	2050	4	17	1400	2.91	40.47	350.61	4.98	680.43	165.5	523.62
2560	2050	4	17	1500	2.31	40.47	340.55	4.97	574.54	149.4	426.67
2561	2050	4	17	1600	1.63	39.67	330.39	5.96	302.42	150.2	276.66
2562	2050	4	17	1700	1.03	39.95	330.39	5.96	335.25	102.6	215.46
2563	2050	4	17	1800	0.01	54.74	330.39	5.96	314.07	56.4	133.18
2564	2050	4	17	1900	-0.93	69.28	330.39	5.96	236.27	44.5	79.36
2565	2050	4	17	2000	-1.95	83.97	340.55	4.97	0	11.83	11.82
2566	2050	4	17	2100	-2.04	77.73	340.55	4.97	0	1.04	1.04
2567	2050	4	17	2200	-2.21	72.56	330.47	4.96	0	0	0
2568	2050	4	17	2300	-2.29	66.35	330.39	5.96	0	0	0
2569	2050	4	18	0	-2.72	68.48	330.39	5.96	0	0	0
2570	2050	4	18	100	-3.06	70.6	340.46	5.97	0	0	0
2571	2050	4	18	200	-3.49	72.74	340.46	5.97	0	0	0
2572	2050	4	18	300	-3.83	74.87	340.46	5.97	0	0	0
2573	2050	4	18	400	-4.17	75.96	330.47	4.96	0	0	0
2574	2050	4	18	500	-4.51	78.1	330.47	4.96	0	10.22	10.22
2575	2050	4	18	600	-3.74	73.82	340.55	4.97	374.91	32.3	73.02
2576	2050	4	18	700	-3.06	68.53	350.61	4.98	560.97	56.8	171.86
2577	2050	4	18	800	-2.29	64.28	0.64	4.99	672.08	76.7	278.74
2578	2050	4	18	900	-1.61	59.04	350.61	4.98	741.17	93.4	380.99
2579	2050	4	18	1000	-1.01	53.83	350.5	5.98	805.87	104.6	476.04
2580	2050	4	18	1100	-0.33	48.63	350.5	5.98	753	142.8	530.24
2581	2050	4	18	1200	0.18	45.44	350.61	4.98	777.62	156.8	580.65
2582	2050	4	18	1300	0.78	43.1	350.61	4.98	787.14	161.7	595.32
2583	2050	4	18	1400	1.29	39.83	0.81	3.99	690.04	179.6	546.23
2584	2050	4	18	1500	1.21	39.87	350.76	3.98	465.46	213.4	440.39
2585	2050	4	18	1600	1.12	40.91	350.76	3.98	436.39	148.2	332.84
2586	2050	4	18	1700	1.03	40.95	340.69	3.97	429.33	156.7	303.43
2587	2050	4	18	1800	0.52	44.24	330.79	2.96	208.15	123.6	175.55
2588	2050	4	18	1900	0.01	48.6	320.65	2.95	247.35	60.5	98.27
2589	2050	4	18	2000	-0.5	51.72	310.72	1.95	0	28.1	28.09
2590	2050	4	18	2100	-1.27	56.94	300.44	1.95	0	0.57	0.57
2591	2050	4	18	2200	-1.95	63.21	300.44	1.95	0	0	0
2592	2050	4	18	2300	-2.72	68.48	290.15	1.94	0	0	0
2593	2050	4	19	0	-3.83	73.83	279.85	1.94	0	0	0
2594	2050	4	19	100	-5.02	78.18	259.28	1.95	0	0	0
2595	2050	4	19	200	-6.13	83.59	249.02	1.95	0	0	0
2596	2050	4	19	300	-5.45	78.24	238.8	1.96	0	0	0
2597	2050	4	19	400	-4.68	71.86	238.8	1.96	0	0	0
2598	2050	4	19	500	-4	66.57	228.62	1.97	0	10.22	10.22
2599	2050	4	19	600	-3.14	62.32	218.48	1.98	13.75	46.3	47.86
2600	2050	4	19	700	-2.29	57.05	208.93	2.99	26.22	101.2	106.69
2601	2050	4	19	800	-1.44	52.84	209.19	3.99	165.07	152.5	203.07
2602	2050	4	19	900	-0.67	53.79	209.19	3.99	245.18	225.5	321.87
2603	2050	4	19	1000	0.1	53.66	209.36	4.99	8.24	221.6	225.39
2604	2050	4	19	1100	0.86	54.2	209.46	5.99	1.41	119.9	120.6
2605	2050	4	19	1200	1.21	61.08	219.5	5.98	3.13	234.8	236.46
2606	2050	4	19	1300	1.63	68.87	219.5	5.98	0.92	159	159.47
2607	2050	4	19	1400	1.97	75.67	229.54	5.97	171.37	279.4	371.24
2608	2050	4	19	1500	1.72	76.91	249.68	5.96	657.24	158.4	482.1
2609	2050	4	19	1600	1.38	78.24	269.88	6.95	18.06	170.7	178.39
2610	2050	4	19	1700	1.12	79.5	279.96	6.95	72.83	170.5	195.7
2611	2050	4	19	1800	0.69	77.84	300.12	6.95	10.05	82.3	84.84
2612	2050	4	19	1900	0.35	75.05	310.18	7.95	9.95	35.5	37.08
2613	2050	4	19	2000	-0.07	73.3	330.3	7.96	0	26.3	26.29
2614	2050	4	19	2100	-0.33	72.3	330.3	7.96	0	1.8	1.8
2615	2050	4	19	2200	-0.67	70.28	330.3	7.96	0	0	0
2616	2050	4	19	2300	-0.93	69.28	330.3	7.96	0	0	0
2617	2050	4	20	0	-1.44	69.35	330.34	6.96	0	0	0
2618	2050	4	20	100	-1.87	70.44	330.34	6.96	0	0	0
2619	2050	4	20	200	-2.38	70.51	340.46	5.97	0	0	0
2620	2050	4	20	300	-2.89	70.58	330.47	4.96	0	0	0
2621	2050	4	20	400	-3.4	70.65	330.47	4.96	0	0	0

2622	2050	4	20	500	-3.91	70.72	330.59	3.96	0	18.17	18.16
2623	2050	4	20	600	-3.23	65.44	330.59	3.96	405.65	35.7	84.37
2624	2050	4	20	700	-2.55	60.18	330.47	4.96	581.45	56.8	182.83
2625	2050	4	20	800	-1.87	54.95	330.47	4.96	682.19	77.5	290.28
2626	2050	4	20	900	-1.27	50.77	340.55	4.97	737.39	96	390.16
2627	2050	4	20	1000	-0.59	47.63	340.55	4.97	749.43	130.6	483.99
2628	2050	4	20	1100	0.01	43.49	340.55	4.97	641.68	207.9	544.62
2629	2050	4	20	1200	0.27	41.32	350.61	4.98	681.06	187.6	565.71
2630	2050	4	20	1300	0.61	40.15	350.76	3.98	841.16	142.9	614.52
2631	2050	4	20	1400	0.86	38.01	350.76	3.98	657.94	157.5	513.4
2632	2050	4	20	1500	1.12	37.89	350.76	3.98	482.18	199.5	439.25
2633	2050	4	20	1600	1.46	38.75	351.01	2.98	259.44	235.4	347.6
2634	2050	4	20	1700	1.72	38.63	1.07	2.99	264.87	142.3	235.42
2635	2050	4	20	1800	1.38	43.81	340.92	2.97	311.48	101	181.79
2636	2050	4	20	1900	1.03	50.04	310.72	1.95	126.55	57.4	78.03
2637	2050	4	20	2000	0.69	55.33	290.15	1.94	0	29.99	29.98
2638	2050	4	20	2100	-0.16	60.93	279.85	1.94	0	1.61	1.61
2639	2050	4	20	2200	-1.01	67.22	269.56	1.95	0	0	0
2640	2050	4	20	2300	-1.87	72.51	259.28	1.95	0	0	0
2641	2050	4	21	0	-2.21	72.56	259.28	1.95	0	0	0
2642	2050	4	21	100	-2.46	72.6	259.28	1.95	0	0	0
2643	2050	4	21	200	-2.8	72.65	249.02	1.95	0	0	0
2644	2050	4	21	300	-2.8	73.68	238.8	1.96	0	0	0
2645	2050	4	21	400	-2.89	74.74	216.92	0.98	0	0	0
2646	2050	4	21	500	-2.89	75.78	196.68	1	0	6.81	6.81
2647	2050	4	21	600	-1.44	68.31	208.38	1.99	16.42	26.6	28.66
2648	2050	4	21	700	0.01	60.91	218.48	1.98	150.62	110.8	144.24
2649	2050	4	21	800	1.46	52.82	229.08	2.97	150.75	174.2	221.99
2650	2050	4	21	900	2.14	49.45	229.08	2.97	285.32	181.9	297.18
2651	2050	4	21	1000	2.83	45.45	219.24	3.98	210.84	262.7	363.11
2652	2050	4	21	1100	3.51	42.46	219.24	3.98	36.48	280.3	299.55
2653	2050	4	21	1200	4.45	40.47	219.24	3.98	261.43	275.1	421.47
2654	2050	4	21	1300	5.47	37.48	219.39	4.98	749.63	197.2	621.14
2655	2050	4	21	1400	6.41	35.5	219.39	4.98	703.77	165.2	549.35
2656	2050	4	21	1500	6.24	36.49	229.45	4.97	94.37	233.3	280.63
2657	2050	4	21	1600	6.15	37.48	249.52	3.96	49.58	225.3	246.96
2658	2050	4	21	1700	5.98	38.48	259.64	3.95	371.13	144.7	276.94
2659	2050	4	21	1800	5.56	43.46	269.78	3.95	236.22	101.3	163.73
2660	2050	4	21	1900	5.21	49.45	269.71	2.95	45.02	68.9	76.42
2661	2050	4	21	2000	4.79	54.46	279.9	2.94	0	20.72	20.71
2662	2050	4	21	2100	4.11	57.46	269.71	2.95	0	2.93	2.93
2663	2050	4	21	2200	3.34	60.48	269.71	2.95	0	0	0
2664	2050	4	21	2300	2.66	63.49	259.52	2.95	0	0	0
2665	2050	4	22	0	2.14	68.53	269.56	1.95	0	0	0
2666	2050	4	22	100	1.55	73	279.85	1.94	0	0	0
2667	2050	4	22	200	1.03	78.55	290.15	1.94	0	0	0
2668	2050	4	22	300	0.01	83.64	258.52	0.95	0	0	0
2669	2050	4	22	400	-0.93	87.97	196.68	1	0	0	0
2670	2050	4	22	500	-1.95	92.32	167.06	1.03	0	21.57	21.57
2671	2050	4	22	600	0.18	82.44	176.84	1.02	443.11	32.4	90.61
2672	2050	4	22	700	2.31	71.56	176.84	1.02	602.47	49.6	186.8
2673	2050	4	22	800	4.45	62.49	186.71	1.01	677.95	66.5	285.36
2674	2050	4	22	900	5.64	57.46	188.35	2.01	773.65	77.5	394.32
2675	2050	4	22	1000	6.84	53.45	198.34	2	816.04	89.4	482.66
2676	2050	4	22	1100	8.03	48.45	198.9	3	837.24	102	549.91
2677	2050	4	22	1200	8.54	44.46	199.17	4	854.36	103.9	586.71
2678	2050	4	22	1300	8.97	41.47	209.19	3.99	870.44	93.9	590.4
2679	2050	4	22	1400	9.48	37.48	219.39	4.98	868.84	89.5	567.79
2680	2050	4	22	1500	9.05	39.47	219.39	4.98	825.44	93	511.32
2681	2050	4	22	1600	8.71	41.47	219.39	4.98	731.71	101	424.59
2682	2050	4	22	1700	8.29	43.46	219.5	5.98	595.86	102.7	317.9
2683	2050	4	22	1800	7.6	46.45	219.39	4.98	621.57	70.5	237.79
2684	2050	4	22	1900	6.92	50.45	219.39	4.98	486.02	45.8	129.77
2685	2050	4	22	2000	6.24	53.45	219.24	3.98	0	32.55	32.54

2686	2050	4	22	2100	5.64	58.47	219.24	3.98	0	2.93	2.93
2687	2050	4	22	2200	5.04	62.49	219.24	3.98	0	0	0
2688	2050	4	22	2300	4.45	67.52	219.39	4.98	0	0	0
2689	2050	4	23	0	3.68	71.56	219.24	3.98	0	0	0
2690	2050	4	23	100	2.83	75.6	218.99	2.98	0	0	0
2691	2050	4	23	200	2.06	79.65	228.62	1.97	0	0	0
2692	2050	4	23	300	1.29	84.45	238.8	1.96	0	0	0
2693	2050	4	23	400	0.44	88.4	248	0.95	0	0.28	0.28
2694	2050	4	23	500	-0.33	93.08	269.09	0.94	0	27.06	27.05
2695	2050	4	23	600	1.8	80.9	279.85	1.94	445.58	32.8	93.83
2696	2050	4	23	700	4.02	71.56	300.44	1.95	644.94	47.6	198.06
2697	2050	4	23	800	6.15	61.48	320.98	1.95	751.87	58.2	305.04
2698	2050	4	23	900	6.84	56.46	330.79	2.96	818.95	67	406.71
2699	2050	4	23	1000	7.6	50.45	340.92	2.97	860.51	79.2	498.18
2700	2050	4	23	1100	8.29	45.45	340.69	3.97	544.03	175.1	468.76
2701	2050	4	23	1200	8.46	43.46	340.92	2.97	903.52	88.1	602.98
2702	2050	4	23	1300	8.71	42.46	330.79	2.96	750.43	169.8	601.37
2703	2050	4	23	1400	8.88	40.47	320.65	2.95	313.86	229.6	403.78
2704	2050	4	23	1500	8.88	40.47	320.98	1.95	474.46	217.4	460.06
2705	2050	4	23	1600	8.8	39.47	320.98	1.95	731.33	137.4	464.22
2706	2050	4	23	1700	8.8	39.47	310.72	1.95	259.05	150.9	245.64
2707	2050	4	23	1800	8.11	43.46	310.72	1.95	71.62	126.8	146.32
2708	2050	4	23	1900	7.35	48.45	300.44	1.95	49.09	64.6	73.3
2709	2050	4	23	2000	6.66	52.45	290.31	0.94	0	28.1	28.09
2710	2050	4	23	2100	5.04	61.48	279.69	0.94	0	3.12	3.12
2711	2050	4	23	2200	3.34	69.54	269.09	0.94	0	0	0
2712	2050	4	23	2300	1.72	78.95	258.52	0.95	0	0	0
2713	2050	4	24	0	1.03	83.68	290.31	0.94	0	0	0
2714	2050	4	24	100	0.44	87.37	105	0.06	0	0	0
2715	2050	4	24	200	-0.24	92.02	105	0.06	0	0	0
2716	2050	4	24	300	-0.33	93.08	105	0.06	0	0	0
2717	2050	4	24	400	-0.42	94.14	100.27	1.06	0	0.57	0.57
2718	2050	4	24	500	-0.5	95.2	128.67	1.05	0	19.21	19.2
2719	2050	4	24	600	1.29	83.43	138.18	1.05	77.26	55.8	66.78
2720	2050	4	24	700	3.08	72.57	147.74	1.04	183.65	110.5	154.27
2721	2050	4	24	800	4.87	62.49	158.66	2.04	61.6	191.3	211.77
2722	2050	4	24	900	5.98	56.46	168.51	2.03	108.13	227.9	273.25
2723	2050	4	24	1000	7.18	51.45	178.94	3.02	293.33	249.3	393.57
2724	2050	4	24	1100	8.29	45.45	179.2	4.02	112.89	305.7	367.08
2725	2050	4	24	1200	8.46	46.45	199.17	4	76.13	322.1	365.76
2726	2050	4	24	1300	8.63	47.45	209.19	3.99	50.84	320.9	350.25
2727	2050	4	24	1400	8.8	48.45	229.31	3.97	16.58	289.5	298.7
2728	2050	4	24	1500	8.29	55.46	229.31	3.97	116.51	301.2	361.22
2729	2050	4	24	1600	7.77	63.49	239.41	3.96	18.84	221.2	229.65
2730	2050	4	24	1700	7.26	70.55	239.41	3.96	3.99	86.6	88.06
2731	2050	4	24	1800	6.66	75.6	269.71	2.95	4.63	51.5	52.78
2732	2050	4	24	1900	6.07	79.65	290.15	1.94	11.31	42.6	44.64
2733	2050	4	24	2000	5.47	84.72	322	0.95	26.53	22.9	25.25
2734	2050	4	24	2100	4.96	84.72	300.44	1.95	0	4.73	4.73
2735	2050	4	24	2200	4.53	85.73	290.15	1.94	0	0	0
2736	2050	4	24	2300	4.02	85.73	269.71	2.95	0	0	0
2737	2050	4	25	0	3.08	88.78	269.56	1.95	0	0	0
2738	2050	4	25	100	2.23	91.84	269.56	1.95	0	0	0
2739	2050	4	25	200	1.29	95.75	269.09	0.94	0	0	0
2740	2050	4	25	300	0.95	97.16	300.91	0.94	0	0	0
2741	2050	4	25	400	0.61	97.55	105	0.06	0	2.65	2.65
2742	2050	4	25	500	0.27	98.98	105	0.06	0	39.45	39.44
2743	2050	4	25	600	2.49	87.77	105	0.06	81.2	60.3	72.26
2744	2050	4	25	700	4.79	77.62	105	0.06	306.35	98.6	173.37
2745	2050	4	25	800	7.01	68.53	105	0.06	471.95	122.9	282.71
2746	2050	4	25	900	7.69	64.5	332.45	0.96	398.83	178.7	348.17
2747	2050	4	25	1000	8.46	60.48	279.85	1.94	436.33	202.5	419.29
2748	2050	4	25	1100	9.14	56.46	259.52	2.95	265.94	256.7	402.74
2749	2050	4	25	1200	9.31	54.46	239.21	2.96	332.97	239.6	432.44

2750	2050	4	25	1300	9.56	53.45	219.24	3.98	6.43	258.5	262.19
2751	2050	4	25	1400	9.74	51.45	209.36	4.99	154.37	248	335.02
2752	2050	4	25	1500	9.39	54.46	209.19	3.99	98.05	254.8	305.79
2753	2050	4	25	1600	9.14	57.46	219.24	3.98	8.93	201.7	205.72
2754	2050	4	25	1700	8.8	60.48	219.24	3.98	16.05	156.9	162.87
2755	2050	4	25	1800	8.63	60.48	219.24	3.98	42.28	144.7	156.63
2756	2050	4	25	1900	8.46	61.48	209.19	3.99	11.57	63.5	65.64
2757	2050	4	25	2000	8.29	61.48	209.19	3.99	120.14	34.9	46.25
2758	2050	4	25	2100	7.6	64.5	209.19	3.99	0	6.81	6.81
2759	2050	4	25	2200	6.92	67.52	208.93	2.99	0	0	0
2760	2050	4	25	2300	6.24	70.55	218.99	2.98	0	0	0
2761	2050	4	26	0	5.9	72.57	229.08	2.97	0	0	0
2762	2050	4	26	100	5.56	74.59	249.35	2.95	0	0	0
2763	2050	4	26	200	5.21	76.61	269.56	1.95	0	0	0
2764	2050	4	26	300	4.62	79.65	259.28	1.95	0	0	0
2765	2050	4	26	400	4.11	82.69	259.28	1.95	0	1.61	1.61
2766	2050	4	26	500	3.51	85.73	249.02	1.95	0	22.61	22.61
2767	2050	4	26	600	4.7	79.65	269.56	1.95	29.76	65.1	69.61
2768	2050	4	26	700	5.98	74.59	279.69	0.94	117.61	114.2	143.48
2769	2050	4	26	800	7.18	68.53	290.31	0.94	138.87	184.3	232.02
2770	2050	4	26	900	7.94	64.5	279.69	0.94	129.76	217.8	273.54
2771	2050	4	26	1000	8.71	61.48	259.28	1.95	230.85	242.3	358.1
2772	2050	4	26	1100	9.48	57.46	249.02	1.95	301.28	269	435.85
2773	2050	4	26	1200	9.31	59.47	249.02	1.95	278.38	339.9	502.34
2774	2050	4	26	1300	9.14	60.48	249.02	1.95	19.07	276.3	287.44
2775	2050	4	26	1400	8.97	62.49	259.28	1.95	5.32	166.7	169.68
2776	2050	4	26	1500	9.22	61.48	228.62	1.97	2.64	193.6	194.94
2777	2050	4	26	1600	9.39	59.47	208.93	2.99	5.9	125.3	127.97
2778	2050	4	26	1700	9.65	58.47	188.9	3.01	7.36	121.8	124.57
2779	2050	4	26	1800	8.88	62.49	198.9	3	13.72	91.4	95.34
2780	2050	4	26	1900	8.2	65.51	218.99	2.98	10.01	53.5	55.43
2781	2050	4	26	2000	7.43	69.54	238.8	1.96	16.5	23.6	25.25
2782	2050	4	26	2100	6.24	75.6	269.71	2.95	0	4.16	4.16
2783	2050	4	26	2200	5.04	80.66	310.48	2.95	0	0	0
2784	2050	4	26	2300	3.85	86.75	340.69	3.97	0	0	0
2785	2050	4	27	0	3.17	87.77	320.65	2.95	0	0	0
2786	2050	4	27	100	2.4	87.77	310.48	2.95	0	0	0
2787	2050	4	27	200	1.72	89.14	300.44	1.95	0	0	0
2788	2050	4	27	300	1.12	90.79	290.15	1.94	0	0	0
2789	2050	4	27	400	0.52	92.46	290.15	1.94	0	3.97	3.97
2790	2050	4	27	500	-0.07	94.08	279.85	1.94	0	44.94	44.93
2791	2050	4	27	600	1.38	81.3	310.72	1.95	432.19	46.4	114.83
2792	2050	4	27	700	2.83	70.55	331.2	1.96	622.44	57.6	215.94
2793	2050	4	27	800	4.28	59.47	1.62	1.99	712.5	77.2	325.75
2794	2050	4	27	900	4.79	56.46	351.52	1.98	728.21	106.9	423.55
2795	2050	4	27	1000	5.21	52.45	351.52	1.98	554.07	173.1	453.72
2796	2050	4	27	1100	5.73	49.45	351.52	1.98	565.35	236.9	552.75
2797	2050	4	27	1200	5.9	47.45	11.66	2	580.35	210.6	552
2798	2050	4	27	1300	6.15	46.45	51.34	2.04	657.24	198.1	588.03
2799	2050	4	27	1400	6.32	44.46	70.93	2.05	324.18	243	428.75
2800	2050	4	27	1500	6.32	46.45	70.93	2.05	719.18	156.7	537.52
2801	2050	4	27	1600	6.24	49.45	61.15	2.04	515.02	119.6	359.14
2802	2050	4	27	1700	6.24	51.45	61.15	2.04	89.72	173.1	207.52
2803	2050	4	27	1800	5.81	52.45	70.93	2.05	373.64	134.5	243.84
2804	2050	4	27	1900	5.47	54.46	80.68	2.05	344.27	72	139.8
2805	2050	4	27	2000	5.04	55.46	90.42	2.06	113.71	38.4	50.22
2806	2050	4	27	2100	4.36	59.47	80.68	2.05	0	10.5	10.5
2807	2050	4	27	2200	3.59	63.49	70.93	2.05	0	0	0
2808	2050	4	27	2300	2.91	67.52	61.15	2.04	0	0	0
2809	2050	4	28	0	3	67.52	70.93	2.05	0	0	0
2810	2050	4	28	100	3.08	68.53	80.68	2.05	0	0	0
2811	2050	4	28	200	3.17	68.53	90.42	2.06	0	0	0
2812	2050	4	28	300	2.66	77.62	70.93	2.05	0	0	0
2813	2050	4	28	400	2.06	86.75	62.25	1.04	0	0.57	0.57

2814	2050	4	28	500	1.55	96.49	42.94	1.03	0	9.18	9.17
2815	2050	4	28	600	1.89	95.08	42.94	1.03	0	39.44	39.44
2816	2050	4	28	700	2.23	92.86	31.59	2.02	0	83.54	83.52
2817	2050	4	28	800	2.57	91.84	31.59	2.02	7.1	113.1	115.58
2818	2050	4	28	900	3.17	89.8	41.49	2.03	5.71	90.5	92.98
2819	2050	4	28	1000	3.76	86.75	61.15	2.04	4.75	162.1	164.48
2820	2050	4	28	1100	4.36	84.72	70.93	2.05	2.93	201.2	202.79
2821	2050	4	28	1200	4.62	81.67	80.68	2.05	2.6	240	241.47
2822	2050	4	28	1300	4.87	79.65	90.28	3.06	1.62	229.5	230.41
2823	2050	4	28	1400	5.13	76.61	100.09	3.06	0.83	192.9	193.33
2824	2050	4	28	1500	5.3	73.58	109.91	3.06	27.47	269.9	284.51
2825	2050	4	28	1600	5.47	70.55	129.32	2.05	3.98	188.1	189.93
2826	2050	4	28	1700	5.64	67.52	139.07	2.05	23.41	157.8	166.85
2827	2050	4	28	1800	5.3	70.55	139.07	2.05	9.15	114.5	117.19
2828	2050	4	28	1900	4.87	74.59	139.07	2.05	5.13	63.4	64.41
2829	2050	4	28	2000	4.53	77.62	139.07	2.05	8.13	25.9	26.77
2830	2050	4	28	2100	4.19	78.63	139.07	2.05	0	6.06	6.05
2831	2050	4	28	2200	3.85	78.63	139.07	2.05	0	0	0
2832	2050	4	28	2300	3.51	79.65	139.07	2.05	0	0	0
2833	2050	4	29	0	3.25	80.66	148.85	2.04	0	0	0
2834	2050	4	29	100	2.91	82.69	148.85	2.04	0	0	0
2835	2050	4	29	200	2.66	83.7	158.66	2.04	0	0	0
2836	2050	4	29	300	2.57	85.73	158.66	2.04	0	0	0
2837	2050	4	29	400	2.49	87.77	168.51	2.03	0	1.32	1.32
2838	2050	4	29	500	2.4	89.8	168.51	2.03	0	9.46	9.46
2839	2050	4	29	600	2.66	88.78	178.41	2.02	8.9	26.9	28.38
2840	2050	4	29	700	3	88.77	188.35	2.01	7.41	49.8	51.74
2841	2050	4	29	800	3.25	86.75	198.34	2	5.7	83.1	85.13
2842	2050	4	29	900	4.11	83.7	228.62	1.97	4.21	137.4	139.23
2843	2050	4	29	1000	5.04	80.66	279.69	0.94	6.01	151.4	154.46
2844	2050	4	29	1100	5.9	77.62	311.48	0.95	20.3	219.7	231.16
2845	2050	4	29	1200	5.47	77.62	320.98	1.95	15	216	224.92
2846	2050	4	29	1300	4.96	76.61	340.92	2.97	8.93	277.9	283.19
2847	2050	4	29	1400	4.53	76.61	350.76	3.98	4.53	175.8	178.39
2848	2050	4	29	1500	4.62	75.6	0.81	3.99	4.45	140.1	142.44
2849	2050	4	29	1600	4.62	74.59	10.83	4	4.89	152	154.27
2850	2050	4	29	1700	4.7	73.58	11.1	3	4.73	155	156.82
2851	2050	4	29	1800	4.53	72.57	31.06	3.02	6.87	124.9	126.93
2852	2050	4	29	1900	4.36	70.55	51.34	2.04	234.49	90.4	138.76
2853	2050	4	29	2000	4.19	69.54	62.25	1.04	330.74	32.1	69.61
2854	2050	4	29	2100	2.57	77.62	33.16	1.02	0	10.79	10.78
2855	2050	4	29	2200	0.95	85.82	311.48	0.95	0	0	0
2856	2050	4	29	2300	-0.67	95.23	290.31	0.94	0	0	0
2857	2050	4	30	0	-1.35	95.35	105	0.06	0	0	0
2858	2050	4	30	100	-2.04	96.53	105	0.06	0	0	0
2859	2050	4	30	200	-2.72	96.65	105	0.06	0	0	0
2860	2050	4	30	300	-2.97	96.7	105	0.06	0	0	0
2861	2050	4	30	400	-3.14	96.73	105	0.06	0	3.69	3.69
2862	2050	4	30	500	-3.4	96.75	105	0.06	0	33.11	33.1
2863	2050	4	30	600	-0.67	88.97	332.45	0.96	419.19	53.5	126.36
2864	2050	4	30	700	1.97	78.71	259.28	1.95	421.89	87.9	201.56
2865	2050	4	30	800	4.7	71.56	229.08	2.97	647.91	91.1	326.6
2866	2050	4	30	900	5.73	65.51	239.21	2.96	544.61	118	362.54
2867	2050	4	30	1000	6.66	59.47	239.21	2.96	845.43	90.5	530.24
2868	2050	4	30	1100	7.69	53.45	239.21	2.96	822.56	122.3	592.95
2869	2050	4	30	1200	8.54	48.45	239.21	2.96	878.07	111	639.01
2870	2050	4	30	1300	9.48	44.46	239.21	2.96	371.14	266.2	491.08
2871	2050	4	30	1400	10.33	39.47	239.21	2.96	798.35	134.4	602.22
2872	2050	4	30	1500	10.5	41.47	249.35	2.95	854.35	76.9	540.17
2873	2050	4	30	1600	9.91	43.46	249.52	3.96	818.93	72.3	463.75
2874	2050	4	30	1700	9.39	45.45	259.64	3.95	759.83	67.6	369.64
2875	2050	4	30	1800	8.71	47.45	269.71	2.95	662.53	60.9	263.8
2876	2050	4	30	1900	7.86	49.45	269.56	1.95	528.65	52.3	163.73
2877	2050	4	30	2000	6.92	50.45	269.09	0.94	212.83	33	58.07

2878	2050	4	30	2100	5.9	52.45	259.28	1.95	0	11.83	11.82
2879	2050	4	30	2200	4.96	54.46	238.8	1.96	0	0	0
2880	2050	4	30	2300	4.02	56.46	228.62	1.97	0	0	0
2881	2050	5	1	0	3.44	60.52	174.38	1.02	0	0	0
2882	2050	5	1	100	2.55	62.49	174.38	1.02	0	0	0
2883	2050	5	1	200	1.86	64.64	174.38	1.02	0	0	0
2884	2050	5	1	300	1.36	66.91	172.21	2.02	0	0	0
2885	2050	5	1	400	1.06	68.08	182.09	2.03	0	2.97	2.97
2886	2050	5	1	500	0.96	70.12	182.09	2.03	18.2	15.2	16.78
2887	2050	5	1	600	0.96	72.09	181.4	3.03	9.54	33.2	34.91
2888	2050	5	1	700	1.26	73.86	191.29	3.04	12.29	97.9	101.26
2889	2050	5	1	800	1.56	75.61	191.29	3.04	10.66	122.6	126.48
2890	2050	5	1	900	2.15	77.14	201.13	3.05	19.41	162.8	171.55
2891	2050	5	1	1000	2.85	79.07	220.55	4.07	7.98	132.2	136.36
2892	2050	5	1	1100	3.44	80.99	230.38	4.07	6.33	206.6	210.2
2893	2050	5	1	1200	3.74	83.87	230.5	3.07	4.94	138.5	141.44
2894	2050	5	1	1300	4.03	87.7	240.25	3.08	5.69	161.7	165.13
2895	2050	5	1	1400	4.33	90.56	240.38	2.08	8.99	227	232.26
2896	2050	5	1	1500	4.83	87.7	240.38	2.08	5.91	120.9	124.09
2897	2050	5	1	1600	5.32	83.87	250	3.08	6.47	142.6	145.66
2898	2050	5	1	1700	5.82	80.99	250	3.08	6.86	115.8	118.53
2899	2050	5	1	1800	5.62	80.03	269.5	3.07	26.06	107	115.07
2900	2050	5	1	1900	5.42	80.03	278.91	2.07	16.38	71.6	75.09
2901	2050	5	1	2000	5.22	79.07	298.31	2.05	18.82	21.4	23.69
2902	2050	5	1	2100	5.02	77.14	298.31	2.05	0	6.62	6.62
2903	2050	5	1	2200	4.73	75.2	308.08	2.04	0	0	0
2904	2050	5	1	2300	4.53	73.26	308.08	2.04	0	0	0
2905	2050	5	2	0	4.23	76.17	318.6	3.03	0	0	0
2906	2050	5	2	100	3.93	78.1	328.53	3.01	0	0	0
2907	2050	5	2	200	3.64	80.99	328.89	4.01	0	0	0
2908	2050	5	2	300	3.34	82.92	338.87	4	0	0	0
2909	2050	5	2	400	3.04	84.83	338.87	4	0	3.74	3.74
2910	2050	5	2	500	2.75	86.75	338.87	4	21.45	16.1	18.12
2911	2050	5	2	600	2.94	85.79	338.87	4	13.54	39.6	42.1
2912	2050	5	2	700	3.24	84.83	348.89	3.99	7.73	50	52.17
2913	2050	5	2	800	3.44	83.87	348.89	3.99	6.38	50.1	52.45
2914	2050	5	2	900	3.84	81.96	358.93	3.97	6.64	97.4	100.4
2915	2050	5	2	1000	4.13	80.03	358.93	3.97	7.12	109.5	113.25
2916	2050	5	2	1100	4.53	78.1	9.01	3.96	11.02	249.4	255.75
2917	2050	5	2	1200	4.63	75.2	9.01	3.96	11.59	233	240.02
2918	2050	5	2	1300	4.63	71.31	9.01	3.96	10.19	250.9	257.09
2919	2050	5	2	1400	4.73	68.38	9.01	3.96	5.54	244	247.22
2920	2050	5	2	1500	4.92	63.48	9.01	3.96	2.81	178.3	179.8
2921	2050	5	2	1600	5.02	57.55	19.13	3.95	6.19	194.4	197.35
2922	2050	5	2	1700	5.22	52.57	19.13	3.95	45.41	212.8	231.2
2923	2050	5	2	1800	4.92	51.58	19.13	3.95	202.71	117.6	181.43
2924	2050	5	2	1900	4.63	50.58	29.01	2.94	163.33	73.4	109.22
2925	2050	5	2	2000	4.33	49.58	29.01	2.94	311.64	41.2	80.74
2926	2050	5	2	2100	2.45	60.52	8.01	1.96	0	12.28	12.27
2927	2050	5	2	2200	0.57	71.37	347.76	1.99	0	0.29	0.29
2928	2050	5	2	2300	-1.31	82.56	325.62	1.02	0	0	0
2929	2050	5	3	0	-1.71	86.46	325.62	1.02	0	0	0
2930	2050	5	3	100	-2.1	89.36	325.62	1.02	0	0	0
2931	2050	5	3	200	-2.5	93.23	325.62	1.02	0	0	0
2932	2050	5	3	300	-2.01	91.31	335.5	1	0	0	0
2933	2050	5	3	400	-1.41	90.37	249.95	0.08	0	5.08	5.08
2934	2050	5	3	500	-0.92	88.44	249.95	0.08	54.34	38.1	43.44
2935	2050	5	3	600	0.57	77.29	249.95	0.08	50.75	97	106.54
2936	2050	5	3	700	2.05	66.48	249.95	0.08	304.62	156.3	242.71
2937	2050	5	3	800	3.54	55.56	249.95	0.08	53.69	161.7	181.91
2938	2050	5	3	900	3.93	52.57	249.95	0.08	322.96	218.6	367.85
2939	2050	5	3	1000	4.23	48.57	48.34	0.93	200.15	199.9	306.57
2940	2050	5	3	1100	4.63	45.56	70	0.92	215.55	236.3	362.29
2941	2050	5	3	1200	4.73	44.55	48.34	0.93	446.74	298.1	572.2

2942	2050	5	3	1300	4.83	44.55	26.92	0.94	647.2	246.8	647
2943	2050	5	3	1400	4.92	43.54	5.94	0.96	42.58	283.9	309.26
2944	2050	5	3	1500	5.12	42.53	16.37	0.95	114.31	268.9	332.18
2945	2050	5	3	1600	5.22	42.53	38.83	1.93	168.69	228.7	311.37
2946	2050	5	3	1700	5.42	41.52	49.2	1.93	21.22	141.6	150.27
2947	2050	5	3	1800	5.22	42.53	38.83	1.93	45.73	125.8	140.39
2948	2050	5	3	1900	4.92	44.55	16.37	0.95	385.73	84.1	170.5
2949	2050	5	3	2000	4.73	45.56	5.94	0.96	162.79	41.7	63.1
2950	2050	5	3	2100	4.13	52.57	355.65	0.98	0	14.1	14.1
2951	2050	5	3	2200	3.64	60.52	345.5	0.99	0	0.29	0.29
2952	2050	5	3	2300	3.04	67.4	335.5	1	0	0	0
2953	2050	5	4	0	2.25	74.23	335.5	1	0	0	0
2954	2050	5	4	100	1.36	81.59	337.74	2	0	0	0
2955	2050	5	4	200	0.57	88.99	337.74	2	0	0	0
2956	2050	5	4	300	0.77	88.83	347.76	1.99	0	0	0
2957	2050	5	4	400	0.96	87.7	347.76	1.99	0	7.77	7.77
2958	2050	5	4	500	1.16	87.54	357.85	1.97	22.25	19.3	21.58
2959	2050	5	4	600	1.26	79.72	8.68	2.96	13.51	51.8	54.37
2960	2050	5	4	700	1.36	70.85	29.01	2.94	251.02	111.2	183.54
2961	2050	5	4	800	1.46	62.89	39.43	3.93	509.76	113.6	308.2
2962	2050	5	4	900	1.86	59.69	39.43	3.93	630.63	139.9	434.21
2963	2050	5	4	1000	2.35	57.55	29.01	2.94	321.33	243.8	416.37
2964	2050	5	4	1100	2.75	54.57	29.01	2.94	103.74	288.7	349.73
2965	2050	5	4	1200	3.14	52.57	29.01	2.94	196.14	343.2	464.32
2966	2050	5	4	1300	3.64	51.58	18.83	2.95	288.88	301.9	481.58
2967	2050	5	4	1400	4.03	49.58	18.83	2.95	534.6	255.7	577.47
2968	2050	5	4	1500	4.23	46.56	18.83	2.95	436.97	234.4	478.42
2969	2050	5	4	1600	4.53	44.55	18.83	2.95	527.55	209.4	470.17
2970	2050	5	4	1700	4.73	41.52	18.83	2.95	410.59	135.8	305.81
2971	2050	5	4	1800	4.43	41.52	8.01	1.96	676.13	69.3	287.97
2972	2050	5	4	1900	4.13	40.51	357.85	1.97	623.79	47.7	190.16
2973	2050	5	4	2000	3.84	40.51	345.5	0.99	460.5	30.1	92.73
2974	2050	5	4	2100	1.95	53.67	325.62	1.02	0	13.33	13.33
2975	2050	5	4	2200	-0.03	66.75	306.24	1.04	0	0.58	0.58
2976	2050	5	4	2300	-1.91	79.59	296.71	1.05	0	0	0
2977	2050	5	5	0	-3	84.45	315.88	1.03	0	0	0
2978	2050	5	5	100	-4.18	89.28	249.95	0.08	0	0	0
2979	2050	5	5	200	-5.27	94.07	249.95	0.08	0	0	0
2980	2050	5	5	300	-5.17	95.04	249.95	0.08	0	0	0
2981	2050	5	5	400	-5.07	95.19	113.09	0.94	0	8.82	8.82
2982	2050	5	5	500	-4.98	95.28	144.35	0.98	300.83	31.8	64.15
2983	2050	5	5	600	-1.81	80.58	162.26	2	458.88	50.2	140.87
2984	2050	5	5	700	1.36	63.94	201.68	2.05	611.08	77.3	256.23
2985	2050	5	5	800	4.53	46.56	230.5	3.07	672.43	99.6	359.32
2986	2050	5	5	900	5.22	45.56	259.81	4.08	513.6	188.9	430.76
2987	2050	5	5	1000	6.01	43.54	289.28	4.06	405.59	259.3	478.9
2988	2050	5	5	1100	6.71	42.53	319.16	5.03	27.86	258.5	274.93
2989	2050	5	5	1200	6.51	51.58	289.28	4.06	28.73	252.5	270.33
2990	2050	5	5	1300	6.21	61.51	259.81	4.08	29.44	262.4	280.78
2991	2050	5	5	1400	6.01	70.34	230.5	3.07	9.04	213.5	218.93
2992	2050	5	5	1500	6.51	65.44	230.38	4.07	12.95	230.4	237.63
2993	2050	5	5	1600	7	61.51	240.15	5.08	12.23	179.3	185.36
2994	2050	5	5	1700	7.5	56.56	240.13	6.08	50.72	181	202.14
2995	2050	5	5	1800	6.61	64.46	240.15	5.08	75.39	174.9	199.56
2996	2050	5	5	1900	5.62	71.31	240.15	5.08	19.33	85	89.47
2997	2050	5	5	2000	4.73	79.07	240.19	4.08	18.32	38.2	40.76
2998	2050	5	5	2100	3.93	82.92	230.5	3.07	0	17.36	17.36
2999	2050	5	5	2200	3.04	86.75	220.73	3.07	0	2.4	2.4
3000	2050	5	5	2300	2.25	90.56	211.41	2.06	0	0	0
3001	2050	5	6	0	2.15	91.51	203.28	1.05	0	0	0
3002	2050	5	6	100	2.05	93.49	193.75	1.04	0	0	0
3003	2050	5	6	200	1.95	94.52	184.12	1.03	0	0	0
3004	2050	5	6	300	2.25	94.35	212.73	1.06	0	0	0
3005	2050	5	6	400	2.55	94.35	250	1.08	0	9.59	9.59

3006	2050	5	6	500	2.85	94.35	268.56	1.07	15.47	10	11.7
3007	2050	5	6	600	2.85	95.29	296.71	1.05	15.88	40.5	43.73
3008	2050	5	6	700	2.75	96.24	335.5	1	17.81	41	46.32
3009	2050	5	6	800	2.75	97.18	5.94	0.96	112.05	138.5	182.2
3010	2050	5	6	900	3.44	90.56	345.5	0.99	36.6	253	270.33
3011	2050	5	6	1000	4.23	84.83	306.24	1.04	26.39	199.8	214.13
3012	2050	5	6	1100	4.92	78.1	287.26	1.06	145.51	292	378.78
3013	2050	5	6	1200	5.72	68.38	306.24	1.04	289.92	297.9	479.18
3014	2050	5	6	1300	6.51	58.54	325.62	1.02	376.69	217.5	454.73
3015	2050	5	6	1400	7.3	48.57	345.5	0.99	384.94	223.5	458.18
3016	2050	5	6	1500	7.89	45.56	325.62	1.02	689.17	150.6	540.75
3017	2050	5	6	1600	8.49	43.54	222.11	1.07	451.11	169	395.56
3018	2050	5	6	1700	9.08	40.51	203.28	1.05	88.93	214.5	252.01
3019	2050	5	6	1800	8.59	44.55	184.12	1.03	233.83	158.5	236
3020	2050	5	6	1900	7.99	47.57	162.26	2	13.91	74.8	78.06
3021	2050	5	6	2000	7.5	51.58	142.15	1.97	14.04	32.3	34.33
3022	2050	5	6	2100	6.41	62.49	142.15	1.97	0	13.81	13.81
3023	2050	5	6	2200	5.32	72.28	142.15	1.97	0	1.63	1.63
3024	2050	5	6	2300	4.23	82.92	131.99	1.96	0	0	0
3025	2050	5	7	0	3.64	85.79	142.15	1.97	0	0	0
3026	2050	5	7	100	3.04	87.7	142.15	1.97	0	0	0
3027	2050	5	7	200	2.45	90.56	152.24	1.99	0	0	0
3028	2050	5	7	300	2.35	90.56	142.15	1.97	0	0.29	0.29
3029	2050	5	7	400	2.35	91.51	134.06	0.96	0	13.05	13.04
3030	2050	5	7	500	2.25	91.51	123.64	0.95	7.3	21.8	22.63
3031	2050	5	7	600	3.04	86.75	131.99	1.96	18.43	84.9	88.7
3032	2050	5	7	700	3.74	82.92	131.32	2.96	20.1	117.6	123.61
3033	2050	5	7	800	4.53	78.1	141.07	3.97	7.96	113	116.13
3034	2050	5	7	900	4.53	83.87	130.99	3.96	7.86	105.5	109.22
3035	2050	5	7	1000	4.53	88.65	120.88	3.95	3.83	70.9	72.98
3036	2050	5	7	1100	4.53	94.35	110.74	3.94	2.71	47.4	49
3037	2050	5	7	1200	4.63	94.35	110.74	3.94	5.14	115.9	119.1
3038	2050	5	7	1300	4.83	93.4	120.7	4.95	6.18	162.9	166.76
3039	2050	5	7	1400	4.92	93.4	120.7	4.95	4.2	127.2	129.74
3040	2050	5	7	1500	4.92	94.35	120.7	4.95	3.26	88.5	90.33
3041	2050	5	7	1600	4.83	96.24	120.7	4.95	3.27	61	62.62
3042	2050	5	7	1700	4.83	97.18	120.7	4.95	3.37	49.7	51.11
3043	2050	5	7	1800	4.73	97.18	120.7	4.95	3.69	45.1	46.32
3044	2050	5	7	1900	4.63	96.24	120.88	3.95	5.93	10.6	11.99
3045	2050	5	7	2000	4.53	96.24	120.88	3.95	7.26	15.4	16.49
3046	2050	5	7	2100	4.33	96.24	120.88	3.95	0	5.37	5.37
3047	2050	5	7	2200	4.23	97.18	120.7	4.95	0	0.58	0.58
3048	2050	5	7	2300	4.03	97.18	120.7	4.95	0	0	0
3049	2050	5	8	0	3.93	97.18	120.7	4.95	0	0	0
3050	2050	5	8	100	3.84	98.12	120.88	3.95	0	0	0
3051	2050	5	8	200	3.74	98.12	120.88	3.95	0	0	0
3052	2050	5	8	300	3.74	98.12	121.17	2.95	0	0.29	0.29
3053	2050	5	8	400	3.74	97.18	110.99	2.94	0	9.3	9.3
3054	2050	5	8	500	3.74	97.18	111.5	1.94	9.51	33.2	34.33
3055	2050	5	8	600	4.43	93.4	110.99	2.94	28.06	78.8	84.67
3056	2050	5	8	700	5.12	89.61	110.99	2.94	37.14	149	160.33
3057	2050	5	8	800	5.82	85.79	110.74	3.94	65.11	184	209.91
3058	2050	5	8	900	6.61	80.99	110.74	3.94	94.4	231.5	277.04
3059	2050	5	8	1000	7.3	77.14	120.7	4.95	26.18	206.1	220.56
3060	2050	5	8	1100	8.09	72.28	120.7	4.95	57.98	241	275.98
3061	2050	5	8	1200	8.39	72.28	110.59	4.94	6	146.7	150.46
3062	2050	5	8	1300	8.79	73.26	110.74	3.94	11.28	221.7	228.8
3063	2050	5	8	1400	9.08	73.26	100.57	3.93	7.94	196.8	201.67
3064	2050	5	8	1500	8.79	77.14	110.74	3.94	13.34	178.6	186.23
3065	2050	5	8	1600	8.39	80.99	110.74	3.94	3.16	127.3	128.88
3066	2050	5	8	1700	8.09	84.83	120.88	3.95	3.77	78.1	79.69
3067	2050	5	8	1800	7.89	84.83	120.88	3.95	3.6	33.7	34.91
3068	2050	5	8	1900	7.7	85.79	120.7	4.95	3.99	29.9	30.88
3069	2050	5	8	2000	7.5	85.79	120.7	4.95	6.25	37.4	38.36

3070	2050	5	8	2100	6.9	87.7	120.7	4.95	0	17.07	17.07
3071	2050	5	8	2200	6.21	88.65	110.74	3.94	0	3.45	3.45
3072	2050	5	8	2300	5.62	90.56	110.74	3.94	0	0	0
3073	2050	5	9	0	5.22	91.51	110.74	3.94	0	0	0
3074	2050	5	9	100	4.73	93.4	100.57	3.93	0	0	0
3075	2050	5	9	200	4.33	94.35	100.57	3.93	0	0	0
3076	2050	5	9	300	4.33	93.4	90.39	3.93	0	0.29	0.29
3077	2050	5	9	400	4.33	92.45	90.53	2.93	0	5.08	5.08
3078	2050	5	9	500	4.33	91.51	90.53	2.93	5.16	7.9	8.53
3079	2050	5	9	600	4.43	90.56	90.53	2.93	3.95	18.6	19.47
3080	2050	5	9	700	4.63	89.61	90.39	3.93	3.15	39.5	40.47
3081	2050	5	9	800	4.73	88.65	90.39	3.93	3.11	56	57.25
3082	2050	5	9	900	4.92	87.7	90.39	3.93	3.14	72.8	74.32
3083	2050	5	9	1000	5.22	87.7	90.39	3.93	4.82	146	148.64
3084	2050	5	9	1100	5.42	86.75	90.39	3.93	4.98	151.5	154.49
3085	2050	5	9	1200	5.82	84.83	90.39	3.93	2.3	86.5	87.93
3086	2050	5	9	1300	6.31	83.87	80.27	2.92	2.08	68.8	70.1
3087	2050	5	9	1400	6.71	81.96	80.27	2.92	3.25	138.7	140.68
3088	2050	5	9	1500	6.71	80.99	90.53	2.93	3.43	148.8	150.75
3089	2050	5	9	1600	6.81	80.03	90.53	2.93	3.52	91.7	93.5
3090	2050	5	9	1700	6.81	79.07	100.77	2.93	2.94	62.7	63.96
3091	2050	5	9	1800	6.31	81.96	100.77	2.93	3.92	51.4	52.74
3092	2050	5	9	1900	5.82	85.79	90.39	3.93	4.68	36.9	38.07
3093	2050	5	9	2000	5.32	88.65	90.39	3.93	4.29	16.9	17.55
3094	2050	5	9	2100	5.22	88.65	90.39	3.93	0	4.51	4.51
3095	2050	5	9	2200	5.12	88.65	80.27	2.92	0	0.77	0.77
3096	2050	5	9	2300	5.02	88.65	80.27	2.92	0	0	0
3097	2050	5	10	0	4.33	91.51	59.59	1.92	0	0	0
3098	2050	5	10	100	3.64	94.35	38.83	1.93	0	0	0
3099	2050	5	10	200	2.94	97.18	18.23	1.95	0	0	0
3100	2050	5	10	300	3.04	96.24	28.51	1.94	0	0	0
3101	2050	5	10	400	3.14	96.24	39.23	2.93	0	4.03	4.03
3102	2050	5	10	500	3.24	95.29	49.47	2.93	8.26	11.7	12.75
3103	2050	5	10	600	3.54	91.51	59.73	2.92	6.86	16.9	18.41
3104	2050	5	10	700	3.93	87.7	80.27	2.92	7.34	41.9	44.21
3105	2050	5	10	800	4.23	83.87	90.53	2.93	5.98	92.9	95.32
3106	2050	5	10	900	4.63	78.1	90.39	3.93	6.12	125.7	128.69
3107	2050	5	10	1000	4.92	72.28	90.39	3.93	8.29	163.2	167.81
3108	2050	5	10	1100	5.32	66.42	90.31	4.93	6.29	183.2	186.99
3109	2050	5	10	1200	5.12	64.46	90.26	5.93	7.61	193.4	198.21
3110	2050	5	10	1300	4.83	62.49	90.26	5.93	5.68	169	172.61
3111	2050	5	10	1400	4.63	60.52	90.22	6.93	5.01	172.7	175.77
3112	2050	5	10	1500	4.53	64.46	90.26	5.93	7.99	180	184.6
3113	2050	5	10	1600	4.43	69.36	90.26	5.93	12.71	173	179.51
3114	2050	5	10	1700	4.33	73.26	90.31	4.93	8.96	139.2	143.07
3115	2050	5	10	1800	3.84	80.99	90.39	3.93	8.84	81.9	84.96
3116	2050	5	10	1900	3.34	87.7	80.2	3.92	6.09	49.4	50.92
3117	2050	5	10	2000	2.85	95.29	80.27	2.92	8.6	27.7	29.06
3118	2050	5	10	2100	2.55	95.29	70	2.92	0	5.85	5.85
3119	2050	5	10	2200	2.15	95.29	59.73	2.92	0	1.63	1.63
3120	2050	5	10	2300	1.86	95.55	39.23	2.93	0	0	0
3121	2050	5	11	0	1.76	95.64	39.23	2.93	0	0	0
3122	2050	5	11	100	1.76	95.64	39.23	2.93	0	0	0
3123	2050	5	11	200	1.66	95.73	39.23	2.93	0	0	0
3124	2050	5	11	300	1.46	94	49.47	2.93	0	0.58	0.58
3125	2050	5	11	400	1.26	93.22	49.47	2.93	0	6.91	6.9
3126	2050	5	11	500	1.06	91.47	49.47	2.93	9.25	26.2	27.43
3127	2050	5	11	600	1.16	88.5	49.47	2.93	11.54	54.7	57.25
3128	2050	5	11	700	1.26	85.53	49.47	2.93	9.67	77.7	80.74
3129	2050	5	11	800	1.36	82.56	49.47	2.93	7.22	79.6	82.56
3130	2050	5	11	900	1.76	80.32	59.73	2.92	5.16	85.4	87.93
3131	2050	5	11	1000	2.05	77.21	80.2	3.92	3.57	98.4	100.4
3132	2050	5	11	1100	2.45	75.2	90.39	3.93	4.22	123.9	126.48
3133	2050	5	11	1200	2.65	76.17	80.2	3.92	5.5	134.8	138.28

3134	2050	5	11	1300	2.94	77.14	70	3.92	6.2	147.8	151.8
3135	2050	5	11	1400	3.14	78.1	59.8	3.92	5.31	144	147.29
3136	2050	5	11	1500	3.34	77.14	70	3.92	4.91	124.8	127.64
3137	2050	5	11	1600	3.54	75.2	70	2.92	5.85	101.1	104.14
3138	2050	5	11	1700	3.74	74.23	80.27	2.92	4.43	46.3	48.23
3139	2050	5	11	1800	3.84	74.23	70	2.92	4.98	46.8	48.52
3140	2050	5	11	1900	3.84	74.23	70	1.92	6.43	34.9	36.54
3141	2050	5	11	2000	3.93	74.23	59.59	1.92	7.57	16.6	17.84
3142	2050	5	11	2100	3.44	76.17	59.59	1.92	0	5.56	5.56
3143	2050	5	11	2200	3.04	52.07	59.73	2.92	0	1.34	1.34
3144	2050	5	11	2300	2.55	80.99	59.73	2.92	0	0	0
3145	2050	5	12	0	2.15	83.87	49.47	2.93	0	0	0
3146	2050	5	12	100	1.66	86.18	38.83	1.93	0	0	0
3147	2050	5	12	200	1.26	89.38	26.92	0.94	0	0	0
3148	2050	5	12	300	1.16	90.43	16.37	0.95	0	1.63	1.63
3149	2050	5	12	400	0.96	92.51	8.01	1.96	0	10.65	10.64
3150	2050	5	12	500	0.87	93.56	8.01	1.96	22.35	35	38.07
3151	2050	5	12	600	1.26	89.38	8.01	1.96	36.45	87.9	96.18
3152	2050	5	12	700	1.56	84.33	18.23	1.95	17.55	136.4	142.02
3153	2050	5	12	800	1.95	80.18	18.23	1.95	11.49	148.7	153.43
3154	2050	5	12	900	2.25	76.17	18.23	1.95	8.57	168.1	172.32
3155	2050	5	12	1000	2.65	71.31	18.83	2.95	8.34	161.5	166.18
3156	2050	5	12	1100	2.94	67.4	18.83	2.95	8.01	214.6	219.5
3157	2050	5	12	1200	3.54	64.46	18.83	2.95	12.36	276.8	284.71
3158	2050	5	12	1300	4.13	62.49	28.51	1.94	12.25	250.7	258.63
3159	2050	5	12	1400	4.73	59.53	28.51	1.94	9.93	241.3	247.5
3160	2050	5	12	1500	4.83	60.52	28.51	1.94	7.95	165	169.64
3161	2050	5	12	1600	4.92	60.52	16.37	0.95	9.68	143.9	148.92
3162	2050	5	12	1700	5.02	61.51	16.37	0.95	9.57	121.5	125.72
3163	2050	5	12	1800	4.83	63.48	16.37	0.95	11.35	91.6	95.61
3164	2050	5	12	1900	4.63	66.42	5.94	0.96	11.65	41.2	44.21
3165	2050	5	12	2000	4.43	68.38	5.94	0.96	14.97	29.2	31.74
3166	2050	5	12	2100	3.64	77.14	345.5	0.99	0	16.21	16.21
3167	2050	5	12	2200	2.75	86.75	325.62	1.02	0	7.48	7.48
3168	2050	5	12	2300	1.95	95.47	306.24	1.04	0	0	0
3169	2050	5	13	0	1.95	95.47	306.24	1.04	0	0	0
3170	2050	5	13	100	1.86	96.5	315.88	1.03	0	0	0
3171	2050	5	13	200	1.86	96.5	325.62	1.02	0	0	0
3172	2050	5	13	300	1.95	96.41	315.88	1.03	0	2.97	2.97
3173	2050	5	13	400	2.05	95.38	315.88	1.03	0	17.55	17.55
3174	2050	5	13	500	2.15	95.29	315.88	1.03	19.02	43.9	46.6
3175	2050	5	13	600	2.65	87.7	317.91	2.03	14.31	52.4	55.71
3176	2050	5	13	700	3.14	80.99	327.79	2.01	11.33	99.7	103.37
3177	2050	5	13	800	3.64	73.26	327.79	2.01	32.02	200.8	214.13
3178	2050	5	13	900	3.93	68.38	327.79	2.01	16.02	158	165.99
3179	2050	5	13	1000	4.33	64.46	327.79	2.01	8.38	134.6	139.33
3180	2050	5	13	1100	4.63	59.53	327.79	2.01	6.48	124.7	128.69
3181	2050	5	13	1200	5.02	57.55	317.91	2.03	4.67	158.2	161.2
3182	2050	5	13	1300	5.52	55.56	315.88	1.03	5.44	183.2	186.71
3183	2050	5	13	1400	5.91	53.57	306.24	1.04	7.72	192.8	197.64
3184	2050	5	13	1500	6.31	51.58	287.26	1.06	7.16	202	206.17
3185	2050	5	13	1600	6.61	50.58	269.25	2.07	16.29	242.6	251.15
3186	2050	5	13	1700	7	48.57	250	2.08	9.11	184	188.05
3187	2050	5	13	1800	7	49.58	221.09	2.07	461.17	129.9	295.16
3188	2050	5	13	1900	6.9	49.58	144.35	0.98	557.9	57	204.54
3189	2050	5	13	2000	6.9	50.58	113.09	0.94	515.38	36.6	125.72
3190	2050	5	13	2100	4.73	63.48	123.64	0.95	32.02	20.5	23.4
3191	2050	5	13	2200	2.65	75.2	123.64	0.95	0	5.37	5.37
3192	2050	5	13	2300	0.47	89.07	134.06	0.96	0	0	0
3193	2050	5	14	0	0.37	91.09	144.35	0.98	0	0	0
3194	2050	5	14	100	0.27	92.14	142.15	1.97	0	0	0
3195	2050	5	14	200	0.17	94.16	152.24	1.99	0	0	0
3196	2050	5	14	300	0.96	90.59	152.24	1.99	0	2.69	2.69
3197	2050	5	14	400	1.76	87.06	152.24	1.99	0	10.93	10.93

3198	2050	5	14	500	2.55	83.87	152.24	1.99	10.08	20.7	22.15
3199	2050	5	14	600	3.93	77.14	152.24	1.99	6.55	74.9	76.43
3200	2050	5	14	700	5.22	71.31	151.49	2.99	19	98.2	104.43
3201	2050	5	14	800	6.61	64.46	151.49	2.99	528.75	109.5	332.18
3202	2050	5	14	900	8.49	57.55	141.43	2.97	741.17	117.6	491.75
3203	2050	5	14	1000	10.47	51.58	130.99	3.96	272.95	226.1	382.81
3204	2050	5	14	1100	12.35	44.55	120.88	3.95	505.21	305.6	621.2
3205	2050	5	14	1200	12.84	42.53	130.99	3.96	56.03	276.2	312.71
3206	2050	5	14	1300	13.24	39.49	130.79	4.96	19.28	246.9	259.49
3207	2050	5	14	1400	13.74	37.46	140.85	4.97	42.06	282.8	309.55
3208	2050	5	14	1500	13.64	37.46	141.07	3.97	41.38	206.2	230.72
3209	2050	5	14	1600	13.64	37.46	130.99	3.96	24.11	191.8	204.54
3210	2050	5	14	1700	13.54	37.46	131.32	2.96	26.99	164.2	176.35
3211	2050	5	14	1800	13.34	37.46	141.43	2.97	55.62	143.2	163.31
3212	2050	5	14	1900	13.24	38.48	141.43	2.97	6.56	55.2	56.96
3213	2050	5	14	2000	13.04	38.48	151.49	2.99	4.2	29.1	29.82
3214	2050	5	14	2100	12.25	42.53	141.43	2.97	10.36	20.3	21.29
3215	2050	5	14	2200	11.36	47.57	130.99	3.96	0	6.43	6.42
3216	2050	5	14	2300	10.57	51.58	120.88	3.95	0	0	0
3217	2050	5	15	0	10.07	53.57	120.88	3.95	0	0	0
3218	2050	5	15	100	9.68	56.56	120.88	3.95	0	0	0
3219	2050	5	15	200	9.18	58.54	121.17	2.95	0	0	0
3220	2050	5	15	300	8.19	69.36	120.88	3.95	0	0.58	0.58
3221	2050	5	15	400	7.3	80.03	110.74	3.94	0	4.22	4.22
3222	2050	5	15	500	6.31	90.56	110.74	3.94	11.22	9.7	11.41
3223	2050	5	15	600	6.21	92.45	110.74	3.94	4.13	16.4	17.36
3224	2050	5	15	700	6.01	93.4	110.59	4.94	3.46	33.2	34.33
3225	2050	5	15	800	5.91	95.29	110.59	4.94	3.64	46.4	47.95
3226	2050	5	15	900	6.21	95.29	120.7	4.95	2.23	35.1	36.25
3227	2050	5	15	1000	6.41	96.24	120.88	3.95	3.35	61	62.91
3228	2050	5	15	1100	6.71	96.24	130.99	3.96	3.07	66	67.89
3229	2050	5	15	1200	6.9	96.24	130.99	3.96	3.56	85.6	87.93
3230	2050	5	15	1300	7.1	96.24	120.88	3.95	4.82	102.6	105.77
3231	2050	5	15	1400	7.3	96.24	120.88	3.95	4.48	101.3	104.14
3232	2050	5	15	1500	7.2	96.24	120.88	3.95	5.29	99.9	99.06
3233	2050	5	15	1600	7.2	96.24	120.7	4.95	3.56	63.9	65.78
3234	2050	5	15	1700	7.1	96.24	120.7	4.95	4.31	66.8	68.76
3235	2050	5	15	1800	7.1	95.29	120.88	3.95	4.57	57.5	59.17
3236	2050	5	15	1900	7.1	95.29	110.74	3.94	3.95	32.2	33.28
3237	2050	5	15	2000	7.1	94.35	110.99	2.94	1.74	18.3	18.6
3238	2050	5	15	2100	6.61	95.29	100.77	2.93	8.82	5	5.85
3239	2050	5	15	2200	6.21	96.24	101.17	1.93	0	2.11	2.11
3240	2050	5	15	2300	5.72	97.18	90.8	1.93	0	0.29	0.29
3241	2050	5	16	0	5.62	97.18	111.5	1.94	0	0	0
3242	2050	5	16	100	5.52	97.18	142.15	1.97	0	0	0
3243	2050	5	16	200	5.42	97.18	164.5	1	0	0	0
3244	2050	5	16	300	5.42	97.18	154.5	0.99	0	0.29	0.29
3245	2050	5	16	400	5.42	98.12	134.06	0.96	0	4.22	4.22
3246	2050	5	16	500	5.42	98.12	123.64	0.95	6.92	8.5	9.59
3247	2050	5	16	600	5.72	97.18	154.5	0.99	5.69	18.4	19.75
3248	2050	5	16	700	6.11	95.29	182.09	2.03	6.18	42.7	44.78
3249	2050	5	16	800	6.41	94.35	211.41	2.06	13.61	106.6	112.39
3250	2050	5	16	900	7.1	87.7	201.68	2.05	77.34	243.7	283.18
3251	2050	5	16	1000	7.8	80.99	191.91	2.04	58.31	228.1	261.89
3252	2050	5	16	1100	8.49	74.23	182.09	2.03	61.72	284.2	323.07
3253	2050	5	16	1200	8.49	73.26	182.09	2.03	171.86	278.1	391.34
3254	2050	5	16	1300	8.39	73.26	171.47	3.01	425.1	229.5	511.4
3255	2050	5	16	1400	8.39	72.28	171.47	3.01	27.21	254.8	272.24
3256	2050	5	16	1500	8.79	68.38	181.4	3.03	54.77	167.8	200.61
3257	2050	5	16	1600	9.28	65.44	191.29	3.04	159.33	208.3	293.82
3258	2050	5	16	1700	9.68	61.51	201.13	3.05	536.64	197.6	443.51
3259	2050	5	16	1800	8.69	73.26	221.09	2.07	155.69	170.9	228.32
3260	2050	5	16	1900	7.8	83.87	327.79	2.01	15.83	47.6	51.97
3261	2050	5	16	2000	6.81	95.29	345.5	0.99	21.56	60	63.96

3262	2050	5	16	2100	6.21	96.24	325.62	1.02	22.01	19.9	22.15
3263	2050	5	16	2200	5.62	296.24	296.71	1.05	0	4.22	4.22
3264	2050	5	16	2300	5.02	97.18	277.89	1.07	0	0	0
3265	2050	5	17	0	4.92	97.18	249.95	0.08	0	0	0
3266	2050	5	17	100	4.73	98.12	249.95	0.08	0	0	0
3267	2050	5	17	200	4.63	98.12	249.95	0.08	0	0	0
3268	2050	5	17	300	4.83	98.12	249.95	0.08	0	2.11	2.11
3269	2050	5	17	400	4.92	98.12	315.88	1.03	0	12.76	12.75
3270	2050	5	17	500	5.12	98.12	306.24	1.04	15.99	22.5	25.03
3271	2050	5	17	600	5.42	96.24	315.88	1.03	12.03	42.6	45.55
3272	2050	5	17	700	5.82	94.35	317.91	2.03	18.55	110.9	117.18
3273	2050	5	17	800	6.11	92.45	327.79	2.01	14.35	212.6	218.73
3274	2050	5	17	900	6.31	89.61	327.79	2.01	11.85	156.4	162.44
3275	2050	5	17	1000	6.51	87.7	327.79	2.01	13.27	190.7	198.4
3276	2050	5	17	1100	6.71	84.83	327.79	2.01	10.74	193.3	200.04
3277	2050	5	17	1200	7.1	77.14	328.53	3.01	10.71	202.6	209.62
3278	2050	5	17	1300	7.6	69.36	338.5	3	44.15	287.7	317.03
3279	2050	5	17	1400	7.99	61.51	338.87	4	16.79	208.4	219.21
3280	2050	5	17	1500	8.29	58.54	328.89	4.01	92.84	274.1	330.07
3281	2050	5	17	1600	8.69	55.56	309.03	4.04	26.2	184.1	198.21
3282	2050	5	17	1700	8.98	52.57	299.15	4.05	368.17	208.1	378.01
3283	2050	5	17	1800	8.88	52.57	299.15	4.05	546.41	107.2	310.6
3284	2050	5	17	1900	8.88	51.58	298.87	3.05	286.17	69.9	149.69
3285	2050	5	17	2000	8.79	51.58	298.87	3.05	526.12	42.4	141.16
3286	2050	5	17	2100	6.81	63.48	288.59	2.06	123.06	21.9	34.91
3287	2050	5	17	2200	4.73	76.17	278.91	2.07	0	13.81	13.81
3288	2050	5	17	2300	2.75	87.7	268.56	1.07	0	1.06	1.05
3289	2050	5	18	0	1.76	90.89	296.71	1.05	0	0	0
3290	2050	5	18	100	0.67	93.73	5.94	0.96	0	0	0
3291	2050	5	18	200	-0.32	97.19	37.58	0.93	0	0	0
3292	2050	5	18	300	0.27	96.96	16.37	0.95	0	10.36	10.36
3293	2050	5	18	400	0.96	96.34	249.95	0.08	0	55.44	55.43
3294	2050	5	18	500	1.56	95.82	249.95	0.08	468.07	57.8	132.62
3295	2050	5	18	600	3.74	80.99	26.92	0.94	350.63	105.1	192.36
3296	2050	5	18	700	6.01	67.4	113.09	0.94	353.34	115.5	236.57
3297	2050	5	18	800	8.19	52.57	142.15	1.97	637.78	125.5	402.47
3298	2050	5	18	900	8.98	52.57	142.15	1.97	459.89	202.6	440.54
3299	2050	5	18	1000	9.68	51.58	142.15	1.97	78.57	232.7	278.67
3300	2050	5	18	1100	10.47	51.58	142.15	1.97	40.36	274.6	300.24
3301	2050	5	18	1200	10.57	54.57	131.99	1.96	7.91	114.1	119.29
3302	2050	5	18	1300	10.67	57.55	121.77	1.95	371.08	157.9	406.21
3303	2050	5	18	1400	10.77	60.52	111.5	1.94	551.48	158.2	516.2
3304	2050	5	18	1500	10.96	60.52	121.77	1.95	600.86	183.7	547.94
3305	2050	5	18	1600	11.26	61.51	269.5	3.07	375.01	189.7	393.45
3306	2050	5	18	1700	11.46	61.51	279.26	3.07	412.28	134.2	325.75
3307	2050	5	18	1800	10.77	61.51	288.59	2.06	493.47	151.4	336.68
3308	2050	5	18	1900	9.97	62.49	308.08	2.04	682.97	66.9	259.68
3309	2050	5	18	2000	9.28	62.49	315.88	1.03	541.81	61.8	165.42
3310	2050	5	18	2100	7.3	71.31	296.71	1.05	160.27	28.6	46.13
3311	2050	5	18	2200	5.42	80.99	174.38	1.02	0	10.36	10.36
3312	2050	5	18	2300	3.44	89.61	164.5	1	0	1.06	1.05
3313	2050	5	19	0	2.75	91.51	154.5	0.99	0	0	0
3314	2050	5	19	100	1.95	94.52	152.24	1.99	0	0	0
3315	2050	5	19	200	1.26	97.03	152.24	1.99	0	0.29	0.29
3316	2050	5	19	300	2.25	96.24	142.15	1.97	0	13.05	13.04
3317	2050	5	19	400	3.24	97.18	134.06	0.96	0	47.38	47.37
3318	2050	5	19	500	4.23	97.18	134.06	0.96	257.67	49.8	91.87
3319	2050	5	19	600	5.42	87.7	131.99	1.96	562.74	72.5	214.42
3320	2050	5	19	700	6.51	79.07	141.43	2.97	200.31	156.7	225.93
3321	2050	5	19	800	7.7	69.36	141.07	3.97	29.35	162.5	175.29
3322	2050	5	19	900	7.6	76.17	141.07	3.97	6.78	115	118.53
3323	2050	5	19	1000	7.4	83.87	141.43	2.97	5.75	126.1	129.46
3324	2050	5	19	1100	7.3	90.56	141.43	2.97	4.3	85.7	88.41
3325	2050	5	19	1200	7.89	91.51	141.43	2.97	6.24	130.4	134.54

3326	2050	5	19	1300	8.39	91.51	141.07	3.97	7.66	152.8	157.94
3327	2050	5	19	1400	8.98	92.45	141.07	3.97	4.38	90.4	93.21
3328	2050	5	19	1500	9.38	93.4	151.11	3.99	3.64	63.1	65.3
3329	2050	5	19	1600	9.68	94.35	151.49	2.99	3.25	43	44.78
3330	2050	5	19	1700	10.07	95.29	161.5	3	3.56	43.3	44.97
3331	2050	5	19	1800	10.47	95.29	161.5	3	4.49	30.8	32.51
3332	2050	5	19	1900	10.77	95.29	151.11	3.99	4.72	30.6	31.93
3333	2050	5	19	2000	11.16	95.29	151.11	3.99	4.57	11.7	12.56
3334	2050	5	19	2100	11.16	94.35	170.89	5.01	9.41	15.7	16.78
3335	2050	5	19	2200	11.06	93.4	180.6	7.03	0	3.74	3.74
3336	2050	5	19	2300	11.06	92.45	200.43	8.05	0	0.58	0.58
3337	2050	5	20	0	10.67	91.51	200.49	7.05	0	0	0
3338	2050	5	20	100	10.37	91.51	190.65	6.04	0	0	0
3339	2050	5	20	200	9.97	90.56	190.78	5.04	0	0.29	0.29
3340	2050	5	20	300	9.97	90.56	200.68	5.05	0	6.14	6.14
3341	2050	5	20	400	9.87	90.56	200.85	4.05	14.9	8.3	9.59
3342	2050	5	20	500	9.87	90.56	210.71	4.06	9.44	15.8	17.36
3343	2050	5	20	600	9.68	89.61	210.71	4.06	10.62	56.2	58.88
3344	2050	5	20	700	9.38	88.65	201.13	3.05	6	35.2	37.3
3345	2050	5	20	800	9.18	87.7	201.13	3.05	5.25	41.9	44.21
3346	2050	5	20	900	9.48	85.79	210.95	3.06	5.16	63.7	66.36
3347	2050	5	20	1000	9.68	82.92	220.55	4.07	7.51	109.6	114.02
3348	2050	5	20	1100	9.97	80.99	230.38	4.07	8.36	166.5	171.84
3349	2050	5	20	1200	11.95	71.31	240.19	4.08	361.27	325.8	567.89
3350	2050	5	20	1300	14.03	61.51	240.19	4.08	815.61	122.1	672.31
3351	2050	5	20	1400	16.01	51.58	250	4.08	853.04	101.3	659.85
3352	2050	5	20	1500	16.31	48.57	240.15	5.08	241.57	154.8	302.64
3353	2050	5	20	1600	16.71	46.56	230.25	6.07	51.82	204.1	232.54
3354	2050	5	20	1700	17	43.54	220.32	7.07	420.34	169.2	367.08
3355	2050	5	20	1800	15.32	55.56	220.37	6.07	135.36	113	164.65
3356	2050	5	20	1900	13.74	68.38	210.71	4.06	10.7	58.5	61.56
3357	2050	5	20	2000	12.05	80.03	210.95	3.06	92.83	68.2	86.59
3358	2050	5	20	2100	11.56	80.99	210.95	3.06	27.99	21.8	25.03
3359	2050	5	20	2200	10.96	80.99	210.95	3.06	0	17.36	17.36
3360	2050	5	20	2300	10.47	81.96	201.13	3.05	0	3.17	3.16
3361	2050	5	21	0	10.07	81.96	210.71	4.06	0	0	0
3362	2050	5	21	100	9.68	80.99	220.55	4.07	0	0	0
3363	2050	5	21	200	9.28	80.99	230.38	4.07	0	0.77	0.77
3364	2050	5	21	300	9.48	78.1	230.38	4.07	0	13.81	13.81
3365	2050	5	21	400	9.58	74.23	240.19	4.08	375.91	21.5	56.19
3366	2050	5	21	500	9.78	71.31	250	4.08	537.3	34.5	125.72
3367	2050	5	21	600	11.06	64.46	250	4.08	656.65	46.3	216.05
3368	2050	5	21	700	12.25	58.54	259.84	5.08	754.03	52.9	318.08
3369	2050	5	21	800	13.54	51.58	259.84	5.08	799.83	81.8	436.03
3370	2050	5	21	900	14.33	48.57	250	5.08	724.08	132.6	513.32
3371	2050	5	21	1000	15.22	46.56	250	5.08	643.7	133.2	516.01
3372	2050	5	21	1100	16.01	43.54	240.15	5.08	640.4	163.2	576.13
3373	2050	5	21	1200	15.32	45.56	240.13	6.08	420.17	233.4	516.01
3374	2050	5	21	1300	14.53	47.57	230.25	6.07	235.94	188.2	347.9
3375	2050	5	21	1400	13.83	49.58	230.22	7.07	263.44	221.9	394.99
3376	2050	5	21	1500	14.53	44.55	240.11	7.08	351.7	158.1	374.27
3377	2050	5	21	1600	15.32	39.49	250	7.08	237.92	224.1	355.38
3378	2050	5	21	1700	16.01	34.41	259.89	7.08	645.43	121.6	427.3
3379	2050	5	21	1800	15.12	37.46	269.75	6.07	488.93	146.4	334.57
3380	2050	5	21	1900	14.23	40.51	269.7	5.07	69.3	76.7	96.95
3381	2050	5	21	2000	13.34	43.54	279.44	4.07	57.81	65.4	77
3382	2050	5	21	2100	12.35	48.57	279.44	4.07	20.78	30.1	32.51
3383	2050	5	21	2200	11.36	52.57	289.05	3.06	0	19.95	19.95
3384	2050	5	21	2300	10.37	57.55	289.05	3.06	0	3.74	3.74
3385	2050	5	22	0	8.59	65.44	289.05	3.06	0	0	0
3386	2050	5	22	100	6.71	73.26	279.26	3.07	0	0	0
3387	2050	5	22	200	4.92	80.99	278.91	2.07	0	1.06	1.05
3388	2050	5	22	300	5.12	81.96	278.91	2.07	0	9.59	9.59
3389	2050	5	22	400	5.32	82.92	278.91	2.07	123.82	18	29.82

3390	2050	5	22	500	5.52	83.87	278.91	2.07	312.65	39.2	93.21
3391	2050	5	22	600	7.4	75.2	308.08	2.04	661.17	43.7	216.53
3392	2050	5	22	700	9.28	65.44	335.5	1	751.97	51.2	317.79
3393	2050	5	22	800	11.16	56.56	355.65	0.98	813.73	58.2	420.88
3394	2050	5	22	900	12.15	52.57	335.5	1	858.22	68	521.57
3395	2050	5	22	1000	13.24	47.57	327.79	2.01	875.99	94.8	617.94
3396	2050	5	22	1100	14.23	43.54	308.08	2.04	462.03	195.1	494.14
3397	2050	5	22	1200	14.33	42.53	298.31	2.05	643.56	202.8	637.41
3398	2050	5	22	1300	14.43	40.51	287.26	1.06	509.53	206.2	552.45
3399	2050	5	22	1400	14.53	39.49	277.89	1.07	83.41	224.4	279.44
3400	2050	5	22	1500	14.53	39.49	306.24	1.04	40.46	243.9	268.79
3401	2050	5	22	1600	14.63	39.49	16.37	0.95	247.33	240.6	377.73
3402	2050	5	22	1700	14.63	39.49	48.34	0.93	169.39	168.3	249.04
3403	2050	5	22	1800	14.43	39.49	59.15	0.92	143.5	175.1	230.72
3404	2050	5	22	1900	14.23	40.51	70	1.92	210.23	133.5	195.53
3405	2050	5	22	2000	14.03	40.51	80.41	1.92	81.48	68.6	85.25
3406	2050	5	22	2100	13.14	45.56	90.8	1.93	8.47	28.8	29.82
3407	2050	5	22	2200	12.35	49.58	101.17	1.93	0	9.02	9.01
3408	2050	5	22	2300	11.46	54.57	110.99	2.94	0	1.82	1.82
3409	2050	5	23	0	11.36	54.57	121.17	2.95	0	0	0
3410	2050	5	23	100	11.26	54.57	121.17	2.95	0	0	0
3411	2050	5	23	200	11.16	54.57	131.32	2.96	0	0.77	0.77
3412	2050	5	23	300	10.47	59.53	131.32	2.96	0	10.36	10.36
3413	2050	5	23	400	9.78	63.48	130.99	3.96	34.27	23.8	27.14
3414	2050	5	23	500	9.08	68.38	130.99	3.96	143.52	60.3	85.54
3415	2050	5	23	600	9.78	65.44	130.99	3.96	269.64	106.2	177.4
3416	2050	5	23	700	10.57	62.49	130.99	3.96	112.62	162.2	202.43
3417	2050	5	23	800	11.26	59.53	130.99	3.96	192.32	175.1	261.31
3418	2050	5	23	900	12.35	56.56	141.07	3.97	168.4	236.4	325.75
3419	2050	5	23	1000	13.34	53.57	141.07	3.97	99.56	255.2	314.82
3420	2050	5	23	1100	14.43	50.58	151.11	3.99	22.37	216	230.43
3421	2050	5	23	1200	13.24	65.44	151.11	3.99	9.8	184.9	191.5
3422	2050	5	23	1300	12.15	79.07	151.49	2.99	6.68	138	142.5
3423	2050	5	23	1400	10.96	93.4	151.49	2.99	5.39	112.1	115.65
3424	2050	5	23	1500	10.67	93.4	182.09	2.03	5.56	106.1	109.51
3425	2050	5	23	1600	10.27	93.4	250	2.08	5.5	77.9	80.93
3426	2050	5	23	1700	9.97	93.4	277.89	1.07	10.06	74.6	79.4
3427	2050	5	23	1800	10.47	89.61	306.24	1.04	80.08	172.2	203.49
3428	2050	5	23	1900	10.96	86.75	335.5	1	107.19	114	145.95
3429	2050	5	23	2000	11.46	82.92	5.94	0.96	453.31	81	175.01
3430	2050	5	23	2100	9.87	86.75	26.92	0.94	310.76	43.8	82.85
3431	2050	5	23	2200	8.19	89.61	154.5	0.99	0	27.72	27.71
3432	2050	5	23	2300	6.61	93.4	174.38	1.02	0	5.56	5.56
3433	2050	5	24	0	5.32	94.35	191.91	2.04	0	0	0
3434	2050	5	24	100	4.03	96.24	230.74	2.07	0	0	0
3435	2050	5	24	200	2.75	97.18	259.74	3.08	0	1.82	1.82
3436	2050	5	24	300	4.03	89.61	259.62	2.08	0	18.61	18.6
3437	2050	5	24	400	5.42	81.96	259.62	2.08	406.8	23.3	64.44
3438	2050	5	24	500	6.71	74.23	269.25	2.07	571.8	35.6	137.7
3439	2050	5	24	600	8.29	63.48	259.62	2.08	691.31	44.5	229.09
3440	2050	5	24	700	9.97	51.58	250	2.08	774.84	53.3	332.18
3441	2050	5	24	800	11.56	40.51	250	2.08	836.04	61.5	438.43
3442	2050	5	24	900	12.45	37.46	240.38	2.08	865.09	70.4	531.92
3443	2050	5	24	1000	13.34	33.38	240.25	3.08	902.87	71.2	614.78
3444	2050	5	24	1100	14.23	30.31	230.5	3.07	907.83	77.5	669.44
3445	2050	5	24	1200	14.63	29.29	230.5	3.07	912.86	78.6	699.45
3446	2050	5	24	1300	15.02	29.29	220.55	4.07	636.48	163.4	599.05
3447	2050	5	24	1400	15.42	28.26	220.55	4.07	298.23	248.3	446.48
3448	2050	5	24	1500	14.73	32.36	210.71	4.06	25	201.3	216.82
3449	2050	5	24	1600	13.93	37.46	210.71	4.06	11.86	182.5	189.1
3450	2050	5	24	1700	13.24	41.52	200.85	4.05	60.62	197.5	226.69
3451	2050	5	24	1800	12.55	49.58	210.95	3.06	42.33	119.4	136.07
3452	2050	5	24	1900	11.76	58.54	221.09	2.07	39.97	92.4	104.43
3453	2050	5	24	2000	11.06	66.42	231.43	1.07	34.64	65.4	72.69

3454	2050	5	24	2100	10.57	72.28	211.41	2.06	19.78	38.5	41.04
3455	2050	5	24	2200	10.07	78.1	191.91	2.04	0	12.57	12.56
3456	2050	5	24	2300	9.58	83.87	171.47	3.01	0	2.69	2.69
3457	2050	5	25	0	8.39	87.7	181.4	3.03	0	0	0
3458	2050	5	25	100	7.2	92.45	191.29	3.04	0	0	0
3459	2050	5	25	200	6.01	96.24	201.13	3.05	0	2.11	2.11
3460	2050	5	25	300	6.01	92.45	220.73	3.07	0	12.57	12.56
3461	2050	5	25	400	6.11	88.65	230.38	4.07	280.97	22.2	51.4
3462	2050	5	25	500	6.11	84.83	250	4.08	572.63	37.6	141.44
3463	2050	5	25	600	7.4	74.23	240.15	5.08	694.81	48.4	235.71
3464	2050	5	25	700	8.59	63.48	240.15	5.08	777.66	57.6	339.37
3465	2050	5	25	800	9.87	52.57	240.13	6.08	831.15	68.2	444.85
3466	2050	5	25	900	10.57	49.58	250	6.08	736.04	179.5	573.73
3467	2050	5	25	1000	11.16	46.56	250	6.08	525.3	238.1	555.51
3468	2050	5	25	1100	11.85	43.54	259.87	6.08	371.67	294.2	537.29
3469	2050	5	25	1200	12.35	43.54	269.7	5.07	250.04	234.6	405.15
3470	2050	5	25	1300	12.84	43.54	289.43	5.06	756.85	135	654.77
3471	2050	5	25	1400	13.34	43.54	299.15	4.05	720.53	122.7	603.37
3472	2050	5	25	1500	13.54	41.52	308.71	3.04	492.61	144.6	452.33
3473	2050	5	25	1600	13.83	40.51	318.6	3.03	601.1	196.2	534.32
3474	2050	5	25	1700	14.03	38.48	327.79	2.01	373.81	184.6	365.74
3475	2050	5	25	1800	14.03	37.46	347.76	1.99	472.95	148.5	335.92
3476	2050	5	25	1900	14.03	35.43	111.5	1.94	259.89	104	182.97
3477	2050	5	25	2000	14.03	34.41	131.99	1.96	259.94	81.8	137.22
3478	2050	5	25	2100	11.76	46.56	131.99	1.96	249.92	30.2	63.1
3479	2050	5	25	2200	9.58	58.54	131.99	1.96	0	16.5	16.49
3480	2050	5	25	2300	7.3	70.34	131.99	1.96	0	4.8	4.79
3481	2050	5	26	0	6.51	73.26	131.99	1.96	0	0	0
3482	2050	5	26	100	5.62	77.14	121.77	1.95	0	0	0
3483	2050	5	26	200	4.83	80.03	121.77	1.95	0	2.4	2.4
3484	2050	5	26	300	5.42	81.96	121.77	1.95	0	9.3	9.3
3485	2050	5	26	400	6.01	82.92	134.06	0.96	5.58	11.1	11.7
3486	2050	5	26	500	6.61	84.83	144.35	0.98	5.35	9.4	10.36
3487	2050	5	26	600	6.71	88.65	134.06	0.96	3.82	16.1	17.07
3488	2050	5	26	700	6.71	91.51	121.77	1.95	4.86	39.3	41.04
3489	2050	5	26	800	6.81	95.29	111.5	1.94	5.47	68.9	71.35
3490	2050	5	26	900	7.89	94.35	142.15	1.97	8.01	117.4	121.69
3491	2050	5	26	1000	8.88	94.35	201.13	3.05	8.77	133.2	138.47
3492	2050	5	26	1100	9.97	93.4	230.5	3.07	6.79	132.2	136.65
3493	2050	5	26	1200	11.06	81.96	240.25	3.08	23.26	181	196.87
3494	2050	5	26	1300	12.25	69.36	250	4.08	145.41	312.8	412.92
3495	2050	5	26	1400	13.34	57.55	259.81	4.08	324.84	279.2	496.54
3496	2050	5	26	1500	13.93	49.58	269.62	4.07	684.6	154.6	583.9
3497	2050	5	26	1600	14.63	42.53	279.44	4.07	684.06	122.8	509.29
3498	2050	5	26	1700	15.22	34.41	289.28	4.06	629.6	124	430.76
3499	2050	5	26	1800	14.82	34.41	298.87	3.05	531.28	114.7	326.62
3500	2050	5	26	1900	14.53	34.41	308.71	3.04	321.47	98.4	196.87
3501	2050	5	26	2000	14.13	34.41	317.91	2.03	365.11	84.7	163.6
3502	2050	5	26	2100	12.25	43.54	327.79	2.01	364.79	34.8	83.91
3503	2050	5	26	2200	10.27	53.57	345.5	0.99	0	37.6	37.59
3504	2050	5	26	2300	8.39	62.49	355.65	0.98	0	10.36	10.36
3505	2050	5	27	0	6.11	72.28	335.5	1	0	0.58	0.58
3506	2050	5	27	100	3.84	82.92	315.88	1.03	0	0	0
3507	2050	5	27	200	1.56	92.96	287.26	1.06	0	5.56	5.56
3508	2050	5	27	300	2.75	90.56	306.24	1.04	0	25.8	25.8
3509	2050	5	27	400	4.03	87.7	249.95	0.08	447.59	22	70.87
3510	2050	5	27	500	5.22	85.79	249.95	0.08	584.57	33.2	142.21
3511	2050	5	27	600	7.7	71.31	16.37	0.95	549.99	105.3	256.23
3512	2050	5	27	700	10.07	56.56	134.06	0.96	630.51	73.1	304.46
3513	2050	5	27	800	12.55	41.52	152.24	1.99	821.88	60.9	437.09
3514	2050	5	27	900	13.74	38.48	162.26	2	830.72	78	526.65
3515	2050	5	27	1000	15.02	36.45	161.5	3	810.9	118.9	612.38
3516	2050	5	27	1100	16.21	33.38	171.47	3.01	271.93	253.9	432.87
3517	2050	5	27	1200	16.71	31.34	181.05	4.03	227.88	263.7	420.11

3518	2050	5	27	1300	17.3	28.26	190.97	4.04	202.39	224.4	364.11
3519	2050	5	27	1400	17.79	26.2	200.68	5.05	214.07	286.2	429.89
3520	2050	5	27	1500	17.6	28.26	220.44	5.07	321.85	239.2	441.69
3521	2050	5	27	1600	17.4	29.29	259.81	4.08	296.52	203.7	371.88
3522	2050	5	27	1700	17.2	31.34	279.44	4.07	442.78	147.3	364.11
3523	2050	5	27	1800	15.62	41.52	269.5	3.07	137	118.7	173.66
3524	2050	5	27	1900	13.93	51.58	250	3.08	16.3	74.1	79.11
3525	2050	5	27	2000	12.35	61.51	240.38	2.08	87.33	58.4	77.48
3526	2050	5	27	2100	12.15	64.46	250	2.08	117.54	49.2	65.3
3527	2050	5	27	2200	11.95	68.38	268.56	1.07	0	39.14	39.12
3528	2050	5	27	2300	11.76	71.31	277.89	1.07	0	30.89	30.88
3529	2050	5	28	0	9.78	76.17	287.26	1.06	0	2.4	2.4
3530	2050	5	28	100	7.89	81.96	287.26	1.06	0	0	0
3531	2050	5	28	200	5.91	86.75	287.26	1.06	0	6.43	6.42
3532	2050	5	28	300	6.41	86.75	306.24	1.04	0	26.67	26.66
3533	2050	5	28	400	7	87.7	249.95	0.08	455.55	22.3	73.26
3534	2050	5	28	500	7.5	87.7	249.95	0.08	597.53	34	146.81
3535	2050	5	28	600	9.28	74.23	249.95	0.08	698.92	44.6	238.11
3536	2050	5	28	700	11.16	59.53	26.92	0.94	765.68	56.9	339.66
3537	2050	5	28	800	12.94	45.56	48.34	0.93	828.22	60	440.83
3538	2050	5	28	900	13.83	41.52	26.92	0.94	593.92	135.4	457.32
3539	2050	5	28	1000	14.63	36.45	278.91	2.07	599.19	184.3	550.05
3540	2050	5	28	1100	15.52	32.36	259.62	2.08	628.12	151.7	566.54
3541	2050	5	28	1200	15.62	30.31	288.59	2.06	919.79	113.1	746.34
3542	2050	5	28	1300	15.62	29.29	327.79	2.01	870.08	124	726.97
3543	2050	5	28	1400	15.72	27.23	357.85	1.97	698.22	164.4	634.72
3544	2050	5	28	1500	16.01	26.2	347.76	1.99	297.47	161.6	349.44
3545	2050	5	28	1600	16.41	26.2	348.51	2.99	371.61	176.7	388.37
3546	2050	5	28	1700	16.71	25.17	338.5	3	303.4	119.2	268.5
3547	2050	5	28	1800	16.51	25.17	338.5	3	743.08	114.2	414.45
3548	2050	5	28	1900	16.21	26.2	328.53	3.01	316.17	55.6	154.2
3549	2050	5	28	2000	16.01	26.2	328.53	3.01	622.58	50.8	188.82
3550	2050	5	28	2100	14.43	35.43	328.53	3.01	384.87	35.8	89.76
3551	2050	5	28	2200	12.94	43.54	338.5	3	0	42.59	42.58
3552	2050	5	28	2300	11.36	52.57	338.5	3	0	12.76	12.75
3553	2050	5	29	0	9.78	60.52	338.5	3	0	1.82	1.82
3554	2050	5	29	100	8.09	69.36	348.51	2.99	0	0.58	0.58
3555	2050	5	29	200	6.51	77.14	347.76	1.99	0	7.48	7.48
3556	2050	5	29	300	6.71	74.23	347.76	1.99	0	29.06	29.06
3557	2050	5	29	400	6.9	72.28	357.85	1.97	451.65	25.1	76.72
3558	2050	5	29	500	7.1	69.36	357.85	1.97	593.63	36.5	149.98
3559	2050	5	29	600	8.39	63.48	8.01	1.96	697.63	47.2	241.85
3560	2050	5	29	700	9.78	58.54	8.68	2.96	782.77	55.3	345.99
3561	2050	5	29	800	11.06	52.57	18.83	2.95	842.51	61.4	450.41
3562	2050	5	29	900	12.25	49.58	8.68	2.96	881.13	65.1	544.49
3563	2050	5	29	1000	13.34	46.56	357.85	1.97	908.1	65.8	621.97
3564	2050	5	29	1100	14.53	43.54	347.76	1.99	924.57	67.1	679.51
3565	2050	5	29	1200	15.62	39.49	347.76	1.99	932.85	66.1	710.19
3566	2050	5	29	1300	16.61	36.45	357.85	1.97	931.37	68.8	716.04
3567	2050	5	29	1400	17.7	32.36	357.85	1.97	914.1	71.8	689.38
3568	2050	5	29	1500	17.99	31.34	8.01	1.96	900.95	68.9	639.81
3569	2050	5	29	1600	18.19	29.29	18.23	1.95	872.19	63.3	562.04
3570	2050	5	29	1700	18.49	28.26	28.51	1.94	832.51	60.2	471.7
3571	2050	5	29	1800	18.39	29.29	38.83	1.93	776.53	54.9	370.53
3572	2050	5	29	1900	18.19	29.29	38.83	1.93	695.02	51.1	269.56
3573	2050	5	29	2000	18.09	30.31	49.2	1.93	585.76	41.8	173.18
3574	2050	5	29	2100	15.91	40.51	70	1.92	295.19	31.1	73.26
3575	2050	5	29	2200	13.64	51.58	91.67	0.93	0	42.11	42.1
3576	2050	5	29	2300	11.46	61.51	113.09	0.94	0	7.48	7.48
3577	2050	5	30	0	10.37	64.46	123.64	0.95	0	2.11	2.11
3578	2050	5	30	100	9.28	66.42	142.15	1.97	0	0.77	0.77
3579	2050	5	30	200	8.19	69.36	162.26	2	0	5.56	5.56
3580	2050	5	30	300	8.59	66.42	152.24	1.99	0	30.41	30.4
3581	2050	5	30	400	9.08	64.46	142.15	1.97	326.28	26.7	64.73

3582	2050	5	30	500	9.48	61.51	142.15	1.97	212.97	79	120.16
3583	2050	5	30	600	10.96	52.57	131.32	2.96	656.65	57	241.56
3584	2050	5	30	700	12.35	44.55	131.32	2.96	740.26	79.5	355.86
3585	2050	5	30	800	13.83	35.43	120.88	3.95	811.45	70.2	446.48
3586	2050	5	30	900	15.02	33.38	120.88	3.95	674.91	142.3	510.64
3587	2050	5	30	1000	16.31	30.31	120.88	3.95	601.19	168.1	537.29
3588	2050	5	30	1100	17.5	28.26	120.88	3.95	791	152.4	677.68
3589	2050	5	30	1200	18.19	27.23	120.88	3.95	706.79	152.2	641.44
3590	2050	5	30	1300	18.88	27.23	130.99	3.96	912.05	79.6	715.18
3591	2050	5	30	1400	19.58	26.2	130.99	3.96	906.44	71.8	685.93
3592	2050	5	30	1500	19.97	26.2	151.11	3.99	887.34	75	639.04
3593	2050	5	30	1600	20.37	27.23	171.47	3.01	831.23	127.1	604.13
3594	2050	5	30	1700	20.76	27.23	191.29	3.04	474.18	207.3	442.74
3595	2050	5	30	1800	20.27	29.29	191.29	3.04	188.32	191	267.93
3596	2050	5	30	1900	19.87	30.31	182.09	2.03	696.28	55.9	276.46
3597	2050	5	30	2000	19.38	32.36	182.09	2.03	593.13	39.7	174.24
3598	2050	5	30	2100	17.5	43.54	172.21	2.02	376.72	28.9	83.62
3599	2050	5	30	2200	15.52	53.57	172.21	2.02	0	34.63	34.62
3600	2050	5	30	2300	13.64	64.46	162.26	2	0	8.54	8.53
3601	2050	5	31	0	11.95	66.42	141.07	3.97	0	2.69	2.69
3602	2050	5	31	100	10.27	69.36	19.3	4.95	0	2.4	2.4
3603	2050	5	31	200	8.59	71.31	359.29	5.97	0	6.43	6.42
3604	2050	5	31	300	8.09	68.38	359.15	4.97	0	26.67	26.66
3605	2050	5	31	400	7.5	64.46	349.11	4.99	379.39	37.3	82.28
3606	2050	5	31	500	7	61.51	348.89	3.99	566.97	43.7	154.49
3607	2050	5	31	600	7.5	57.55	348.89	3.99	675.39	56.5	247.69
3608	2050	5	31	700	8.09	54.57	349.11	4.99	744.86	71.1	350.59
3609	2050	5	31	800	8.59	50.58	349.11	4.99	828.45	76.8	462.4
3610	2050	5	31	900	9.38	48.57	349.26	5.99	857.41	90.4	559.93
3611	2050	5	31	1000	10.27	45.56	339.25	6	675.85	165.2	581.5
3612	2050	5	31	1100	11.06	43.54	339.36	7	447.07	236.7	534.32
3613	2050	5	31	1200	11.66	42.53	339.36	7	419.68	232.8	523.97
3614	2050	5	31	1300	12.25	41.52	339.25	6	614.4	186.7	615.83
3615	2050	5	31	1400	12.84	40.51	339.25	6	242.13	280.7	445.14
3616	2050	5	31	1500	12.55	41.52	339.25	6	553.99	212.2	565.49
3617	2050	5	31	1600	12.15	42.53	349.11	4.99	268.73	198.4	353.18
3618	2050	5	31	1700	11.76	44.55	349.11	4.99	502.59	177.5	428.07
3619	2050	5	31	1800	11.26	45.56	349.11	4.99	435.92	136.7	315.88
3620	2050	5	31	1900	10.57	47.57	349.11	4.99	580.65	86.7	271.96
3621	2050	5	31	2000	9.87	48.57	349.11	4.99	517.06	54.7	173.18
3622	2050	5	31	2100	9.08	50.58	348.89	3.99	264.55	46.6	85.73
3623	2050	5	31	2200	8.29	51.58	358.93	3.97	0	34.91	34.91
3624	2050	5	31	2300	7.5	53.57	358.57	2.97	0	7.77	7.77
3625	2050	6	1	0	6.47	55.92	28.78	3.03	0	5.56	5.56
3626	2050	6	1	100	5.87	56.92	19.11	4.05	0	3.28	3.28
3627	2050	6	1	200	5.37	58.9	19.11	4.05	0	14.1	14.1
3628	2050	6	1	300	5.07	59.88	19.11	4.05	0	38.62	38.63
3629	2050	6	1	400	4.87	61.85	19.11	4.05	431.83	37.5	90.46
3630	2050	6	1	500	4.77	62.84	19.11	4.05	535.78	52.6	159.47
3631	2050	6	1	600	4.87	64.8	29.09	4.03	626.75	66.8	246.55
3632	2050	6	1	700	5.07	65.77	29.27	5.04	310.15	134.1	251.52
3633	2050	6	1	800	5.27	67.73	39.27	5.03	150.64	228.3	298.98
3634	2050	6	1	900	5.77	65.77	39.27	5.03	323.69	307.6	485.96
3635	2050	6	1	1000	6.27	64.8	29.27	5.04	166.39	296.3	399.37
3636	2050	6	1	1100	6.77	62.84	29.27	5.04	57.45	237.9	276.34
3637	2050	6	1	1200	7.58	57.91	29.27	5.04	41.77	266.5	295.71
3638	2050	6	1	1300	8.38	51.94	39.27	5.03	46.23	249.4	281.9
3639	2050	6	1	1400	9.18	46.93	39.27	5.03	189.27	208.3	337.61
3640	2050	6	1	1500	8.98	46.93	39.27	5.03	147.34	269.6	364.12
3641	2050	6	1	1600	8.88	46.93	29.09	4.03	135.27	272.9	351.41
3642	2050	6	1	1700	8.68	46.93	29.09	4.03	55.68	198.2	226.2
3643	2050	6	1	1800	8.28	48.94	29.09	4.03	29.71	154.8	167.12
3644	2050	6	1	1900	7.98	50.94	29.09	4.03	148.61	109.7	157.78
3645	2050	6	1	2000	7.58	52.94	29.09	4.03	67.06	64.3	80.03

3646	2050	6	1	2100	6.97	59.88	29.09	4.03	26.7	36.7	40.81
3647	2050	6	1	2200	6.37	66.75	29.09	4.03	0	18.17	18.17
3648	2050	6	1	2300	5.77	73.55	29.09	4.03	0	7.15	7.15
3649	2050	6	2	0	5.37	78.35	29.09	4.03	0	3.28	3.28
3650	2050	6	2	100	4.87	82.17	28.78	3.03	0	4.96	4.96
3651	2050	6	2	200	4.47	86.92	28.78	3.03	0	7.74	7.75
3652	2050	6	2	300	4.27	85.02	28.78	3.03	0	10.52	10.53
3653	2050	6	2	400	4.06	84.07	18.81	3.04	43.9	27.6	33.07
3654	2050	6	2	500	3.86	82.17	18.81	3.04	132.82	82.5	109.23
3655	2050	6	2	600	4.37	74.51	18.81	3.04	46.9	91.3	104.86
3656	2050	6	2	700	4.77	67.73	29.09	4.03	38.15	153.2	167.71
3657	2050	6	2	800	5.27	59.88	29.09	4.03	35.23	152.8	169.4
3658	2050	6	2	900	5.37	60.87	19.11	4.05	23.37	143.8	156.69
3659	2050	6	2	1000	5.47	61.85	19.11	4.05	24.47	161.3	176.55
3660	2050	6	2	1100	5.57	62.84	9.16	4.06	26.67	219.3	237.22
3661	2050	6	2	1200	5.57	63.82	8.88	3.05	24.66	211.7	228.98
3662	2050	6	2	1300	5.57	65.77	18.81	3.04	15.17	111.2	121.94
3663	2050	6	2	1400	5.57	66.75	18.23	2.03	17.09	122.4	134.05
3664	2050	6	2	1500	5.67	63.82	18.23	2.03	17.21	114.7	125.81
3665	2050	6	2	1600	5.87	59.88	18.81	3.04	17.71	119.9	130.18
3666	2050	6	2	1700	5.97	56.92	18.81	3.04	21.8	101.5	112.5
3667	2050	6	2	1800	5.77	56.92	18.23	2.03	17.23	96	103.17
3668	2050	6	2	1900	5.67	56.92	18.23	2.03	18.43	51.9	57.89
3669	2050	6	2	2000	5.47	56.92	16.48	1.02	27.48	27.2	33.66
3670	2050	6	2	2100	5.17	59.88	16.48	1.02	43.6	23.7	30.38
3671	2050	6	2	2200	4.97	61.85	6.7	1.03	59.77	9.7	14.89
3672	2050	6	2	2300	4.67	64.8	6.7	1.03	0	8.84	8.84
3673	2050	6	3	0	4.37	67.73	337.87	1.06	0	6.06	6.06
3674	2050	6	3	100	4.06	70.64	290.37	2.08	0	7.74	7.75
3675	2050	6	3	200	3.76	73.55	261.2	2.06	0	8.24	8.24
3676	2050	6	3	300	4.06	71.61	251.42	2.06	0	10.52	10.53
3677	2050	6	3	400	4.47	69.67	252.78	1.05	36.49	13.1	17.67
3678	2050	6	3	500	4.77	67.73	243.14	1.04	28.89	31.1	36.94
3679	2050	6	3	600	5.87	60.87	241.59	2.05	32.48	56.2	65.64
3680	2050	6	3	700	6.87	54.93	241.59	2.05	34.95	133.4	146.76
3681	2050	6	3	800	7.98	47.93	241.07	3.05	82.36	241.3	280.21
3682	2050	6	3	900	8.88	44.91	231.15	3.04	104.12	304.2	361.84
3683	2050	6	3	1000	9.88	42.89	231.15	3.04	194.9	339.9	461.13
3684	2050	6	3	1100	10.78	39.84	221.2	3.03	280.81	289.6	478.31
3685	2050	6	3	1200	11.69	37.8	220.9	4.04	379.29	293.2	558.84
3686	2050	6	3	1300	12.49	36.78	210.91	4.03	183.72	301.8	431.34
3687	2050	6	3	1400	13.39	34.73	210.73	5.04	64.86	266.1	310.6
3688	2050	6	3	1500	11.19	52.94	210.73	5.04	32.3	195.9	216.76
3689	2050	6	3	1600	8.98	70.64	200.6	6.03	13.75	126.6	134.65
3690	2050	6	3	1700	6.77	87.86	200.6	6.03	5.53	80.5	83.31
3691	2050	6	3	1800	7.17	88.8	200.6	6.03	14.41	75.1	81.13
3692	2050	6	3	1900	7.68	88.8	210.73	5.04	17.97	54.8	60.67
3693	2050	6	3	2000	8.08	89.74	210.73	5.04	8.79	35.4	37.53
3694	2050	6	3	2100	7.88	90.68	210.73	5.04	61.88	25.7	35.35
3695	2050	6	3	2200	7.68	91.62	200.9	4.02	144.65	45	57.89
3696	2050	6	3	2300	7.48	92.56	200.9	4.02	0	25.91	25.92
3697	2050	6	4	0	6.77	92.56	210.91	4.03	0	5.56	5.56
3698	2050	6	4	100	6.07	91.62	221.2	3.03	0	4.96	4.96
3699	2050	6	4	200	5.37	91.62	231.15	3.04	0	12.11	12.11
3700	2050	6	4	300	5.87	89.74	231.15	3.04	0	42.5	42.5
3701	2050	6	4	400	6.27	86.92	231.72	2.04	459.48	32.8	91.55
3702	2050	6	4	500	6.77	85.02	231.72	2.04	574.74	44.3	161.65
3703	2050	6	4	600	7.98	79.31	221.8	2.03	672.97	57.7	253.8
3704	2050	6	4	700	9.18	73.55	211.22	3.02	726.42	74.2	352.5
3705	2050	6	4	800	10.38	67.73	201.2	3.01	514.34	157.7	401.06
3706	2050	6	4	900	11.09	64.8	191.14	3	627.05	183.8	531.83
3707	2050	6	4	1000	11.79	60.87	190.85	4.01	438.68	234.1	507.5
3708	2050	6	4	1100	12.49	57.91	180.78	4	97.47	238.3	303.95
3709	2050	6	4	1200	12.09	65.77	180.78	4	27.45	221.8	241.09

3710	2050	6	4	1300	11.59	74.51	170.92	2.98	12.27	122.6	131.27
3711	2050	6	4	1400	11.19	82.17	170.92	2.98	12.01	96.6	104.86
3712	2050	6	4	1500	11.89	77.4	181.04	2.99	17.78	126.4	137.92
3713	2050	6	4	1600	12.69	73.55	180.78	4	38.74	178.7	201.37
3714	2050	6	4	1700	13.39	68.7	190.85	4.01	28.29	156.6	170.99
3715	2050	6	4	1800	13.69	66.75	190.85	4.01	70.1	159.1	188.66
3716	2050	6	4	1900	14.09	63.82	191.14	3	211.67	143.7	213.49
3717	2050	6	4	2000	14.4	61.85	191.14	3	148.66	89.6	125.21
3718	2050	6	4	2100	13.89	65.77	181.04	2.99	59.59	55.1	64.54
3719	2050	6	4	2200	13.29	70.64	170.92	2.98	30.36	19.3	22.04
3720	2050	6	4	2300	12.79	74.51	160.76	2.97	0	7.15	7.15
3721	2050	6	5	0	12.49	81.22	160.76	2.97	0	5.56	5.56
3722	2050	6	5	100	12.29	87.86	160.76	2.97	0	7.74	7.75
3723	2050	6	5	200	11.99	94.43	160.76	2.97	0	3.87	3.87
3724	2050	6	5	300	11.99	94.43	160.76	2.97	0	2.78	2.78
3725	2050	6	5	400	11.99	95.36	150.58	2.97	27.3	12.5	15.99
3726	2050	6	5	500	11.99	95.36	150.58	2.97	29.47	26.5	32.57
3727	2050	6	5	600	11.99	95.36	150.43	3.98	20.5	38.7	44.68
3728	2050	6	5	700	12.09	94.43	150.43	3.98	11.86	24.6	29.19
3729	2050	6	5	800	12.09	94.43	150.34	4.98	8.42	27.5	31.48
3730	2050	6	5	900	12.49	93.49	160.45	4.99	3.06	33.6	35.35
3731	2050	6	5	1000	12.79	93.49	180.62	5.01	7.01	55.8	60.17
3732	2050	6	5	1100	13.19	92.56	190.68	5.02	15.89	121.7	132.36
3733	2050	6	5	1200	13.59	89.74	200.72	5.03	9.98	113.2	120.25
3734	2050	6	5	1300	14.09	85.97	200.72	5.03	10.66	114.4	121.94
3735	2050	6	5	1400	14.5	83.13	210.73	5.04	20.59	160.6	174.86
3736	2050	6	5	1500	15.1	78.35	210.73	5.04	18.82	157.7	169.9
3737	2050	6	5	1600	15.7	73.55	200.72	5.03	18.28	121.7	132.36
3738	2050	6	5	1700	16.3	68.7	200.72	5.03	109.34	205.2	260.95
3739	2050	6	5	1800	15.8	70.64	190.85	4.01	54.11	159.7	182.61
3740	2050	6	5	1900	15.3	71.61	191.14	3	43.56	131.2	145.67
3741	2050	6	5	2000	14.8	73.55	181.57	1.98	37.56	77	86.09
3742	2050	6	5	2100	13.79	79.31	181.57	1.98	37.91	47.9	54.02
3743	2050	6	5	2200	12.69	85.02	183.2	0.98	23.08	32	34.16
3744	2050	6	5	2300	11.69	90.68	183.2	0.98	0	21.55	21.55
3745	2050	6	6	0	10.99	92.56	183.2	0.98	0	12.71	12.71
3746	2050	6	6	100	10.38	93.49	183.2	0.98	0	11.02	11.02
3747	2050	6	6	200	9.68	95.36	183.2	0.98	0	13.21	13.21
3748	2050	6	6	300	10.48	94.43	183.2	0.98	0	18.17	18.17
3749	2050	6	6	400	11.29	92.56	302.2	0.06	48.67	19.6	25.92
3750	2050	6	6	500	12.09	91.62	302.2	0.06	28.86	41.5	47.46
3751	2050	6	6	600	12.69	87.86	302.2	0.06	20.29	39.8	45.78
3752	2050	6	6	700	13.19	83.13	36.35	1	34.21	110.3	123.52
3753	2050	6	6	800	13.79	79.31	56.67	0.98	36.98	163.3	180.92
3754	2050	6	6	900	14.2	78.35	46.45	0.99	29.64	167.2	183.7
3755	2050	6	6	1000	14.5	76.43	36.35	1	25.15	172.9	188.66
3756	2050	6	6	1100	14.9	75.47	26.36	1.01	16.55	135	146.16
3757	2050	6	6	1200	13.69	81.22	18.23	2.03	11.08	83.2	91.05
3758	2050	6	6	1300	12.49	87.86	358.48	2.05	7.35	70.3	75.56
3759	2050	6	6	1400	11.29	93.49	349.11	3.07	10.86	102.3	109.82
3760	2050	6	6	1500	10.89	93.49	349.11	3.07	11.56	78	85.49
3761	2050	6	6	1600	10.48	93.49	359.23	4.07	9.59	60.6	66.23
3762	2050	6	6	1700	10.08	93.49	359.23	4.07	3.58	41.8	43.59
3763	2050	6	6	1800	9.68	93.49	359.23	4.07	3.69	23.8	25.42
3764	2050	6	6	1900	9.18	94.43	349.11	3.07	0	15.49	15.49
3765	2050	6	6	2000	8.78	94.43	349.11	3.07	0	7.15	7.15
3766	2050	6	6	2100	8.28	93.49	349.33	4.08	0	3.28	3.28
3767	2050	6	6	2200	7.68	93.49	359.23	4.07	0	2.78	2.78
3768	2050	6	6	2300	7.17	92.56	359.39	5.07	0	2.78	2.78
3769	2050	6	7	0	6.87	92.56	359.23	4.07	0	2.78	2.78
3770	2050	6	7	100	6.57	91.62	9.16	4.06	0	4.96	4.96
3771	2050	6	7	200	6.27	91.62	8.88	3.05	0	7.74	7.75
3772	2050	6	7	300	6.07	88.8	8.88	3.05	0	19.06	19.06
3773	2050	6	7	400	5.87	86.92	358.98	3.06	51.66	45.6	52.43

3774	2050	6	7	500	5.67	84.07	358.98	3.06	107.29	94.6	116.97
3775	2050	6	7	600	6.27	80.27	8.88	3.05	219.8	145.4	210.21
3776	2050	6	7	700	6.97	76.43	29.09	4.03	74.73	164	192.83
3777	2050	6	7	800	7.58	72.58	39.09	4.02	38.88	202.4	220.93
3778	2050	6	7	900	8.48	69.67	39.09	4.02	265.29	258.7	406.82
3779	2050	6	7	1000	9.48	66.75	29.09	4.03	248.31	308.1	463.62
3780	2050	6	7	1100	10.38	63.82	29.09	4.03	270.17	350.3	533.12
3781	2050	6	7	1200	11.49	61.85	48.83	3	231	388.8	551.69
3782	2050	6	7	1300	12.59	60.87	69.02	2.99	153.17	391	499.76
3783	2050	6	7	1400	13.69	58.9	89	1.96	340.84	340.5	576.22
3784	2050	6	7	1500	14.4	56.92	78.74	1.97	631.77	237.7	648.7
3785	2050	6	7	1600	15.1	55.92	79.17	2.98	556.17	193.7	521.6
3786	2050	6	7	1700	15.8	53.94	69.02	2.99	724.6	108.7	480.5
3787	2050	6	7	1800	15.7	54.93	99.53	2.96	759.02	74.4	397.78
3788	2050	6	7	1900	15.7	55.92	140.38	2.96	519.79	93.1	267.01
3789	2050	6	7	2000	15.6	56.92	170.92	2.98	518.46	62.7	189.76
3790	2050	6	7	2100	14.2	63.82	170.92	2.98	429.52	41.4	111.71
3791	2050	6	7	2200	12.69	71.61	171.38	1.97	283.03	27.6	54.91
3792	2050	6	7	2300	11.29	78.35	171.38	1.97	0	22.64	22.64
3793	2050	6	8	0	9.88	83.13	171.38	1.97	0	10.23	10.23
3794	2050	6	8	100	8.38	88.8	181.57	1.98	0	10.52	10.53
3795	2050	6	8	200	6.97	93.49	181.57	1.98	0	17.67	17.67
3796	2050	6	8	300	8.18	88.8	171.38	1.97	0	19.26	19.26
3797	2050	6	8	400	9.48	84.07	171.38	1.97	30.49	26	30.09
3798	2050	6	8	500	10.68	79.31	161.15	1.97	23.86	51.8	56.8
3799	2050	6	8	600	10.58	79.31	171.38	1.97	24.32	58.4	65.64
3800	2050	6	8	700	10.48	79.31	170.92	2.98	15.99	53.7	59.88
3801	2050	6	8	800	10.38	79.31	181.04	2.99	17.67	73.2	81.62
3802	2050	6	8	900	10.99	77.4	170.68	3.99	20.41	128.7	140.11
3803	2050	6	8	1000	11.59	75.47	170.68	3.99	23.81	167.7	182.61
3804	2050	6	8	1100	12.19	73.55	160.45	4.99	28.8	227	246.55
3805	2050	6	8	1200	12.89	71.61	180.62	5.01	20.93	189.1	203.86
3806	2050	6	8	1300	13.49	69.67	190.68	5.02	21.84	208.7	224.21
3807	2050	6	8	1400	14.2	67.73	210.73	5.04	61.62	304.1	346.74
3808	2050	6	8	1500	14.9	64.8	200.9	4.02	353.26	275.1	505.32
3809	2050	6	8	1600	15.6	62.84	190.85	4.01	532.62	195.6	510.29
3810	2050	6	8	1700	16.3	59.88	181.04	2.99	538.83	166.6	443.76
3811	2050	6	8	1800	16.5	59.88	160.76	2.97	693.26	94.5	390.83
3812	2050	6	8	1900	16.8	58.9	38.79	3.02	687.48	61.1	292.13
3813	2050	6	8	2000	17	58.9	18.81	3.04	562.7	51	189.76
3814	2050	6	8	2100	15.9	62.84	48.83	3	368.62	42.6	103.47
3815	2050	6	8	2200	14.9	66.75	109.6	1.95	113.75	22.5	33.66
3816	2050	6	8	2300	13.79	70.64	140.58	1.95	0	13.01	13.01
3817	2050	6	9	0	13.19	75.47	150.88	1.96	0	8.84	8.84
3818	2050	6	9	100	12.59	79.31	171.38	1.97	0	8.24	8.24
3819	2050	6	9	200	11.99	84.07	181.57	1.98	0	14.89	14.89
3820	2050	6	9	300	11.99	84.07	211.83	2.01	0	23.13	23.14
3821	2050	6	9	400	11.99	84.07	261.2	2.06	60.01	40.5	48.56
3822	2050	6	9	500	11.99	84.07	290.37	2.08	39.69	44.6	52.93
3823	2050	6	9	600	11.69	84.07	309.76	2.08	33.33	55.4	65.34
3824	2050	6	9	700	11.49	83.13	319.63	3.09	16.63	51.7	58.19
3825	2050	6	9	800	11.19	83.13	339.27	3.08	10.39	63.1	68.12
3826	2050	6	9	900	11.19	82.17	349.11	3.07	15.87	110.3	119.16
3827	2050	6	9	1000	11.19	81.22	348.67	2.06	18.39	138.2	149.74
3828	2050	6	9	1100	11.19	80.27	358.48	2.05	21.92	163.3	178.14
3829	2050	6	9	1200	11.29	75.47	348.67	2.06	13.1	138.9	148.15
3830	2050	6	9	1300	11.49	69.67	349.11	3.07	15.14	144.5	155.3
3831	2050	6	9	1400	11.59	64.8	339.27	3.08	237.19	205	369.58
3832	2050	6	9	1500	12.19	57.91	339.27	3.08	200.95	238.1	369.28
3833	2050	6	9	1600	12.79	51.94	329.44	3.08	73.97	240	283.79
3834	2050	6	9	1700	13.39	44.91	329.44	3.08	151.11	238.7	316.66
3835	2050	6	9	1800	13.39	44.91	329.44	3.08	307.52	173.1	305.04
3836	2050	6	9	1900	13.29	43.9	338.91	2.07	210.84	125.2	196.41
3837	2050	6	9	2000	13.29	43.9	338.91	2.07	246.57	85.6	146.76

3838	2050	6	9	2100	11.29	59.88	348.67	2.06	115.36	30.7	49.95
3839	2050	6	9	2200	9.28	75.47	358.98	3.06	11.22	8.5	9.63
3840	2050	6	9	2300	7.27	90.68	8.88	3.05	0	3.28	3.28
3841	2050	6	10	0	6.87	91.62	8.88	3.05	0	0.6	0.6
3842	2050	6	10	100	6.57	92.56	358.48	2.05	0	4.37	4.37
3843	2050	6	10	200	6.17	93.49	358.48	2.05	0	9.93	9.93
3844	2050	6	10	300	6.27	89.74	358.48	2.05	0	17.67	17.67
3845	2050	6	10	400	6.27	86.92	358.48	2.05	170.4	37.4	60.37
3846	2050	6	10	500	6.37	83.13	358.48	2.05	561.62	46.2	164.63
3847	2050	6	10	600	7.27	72.58	339.27	3.08	594.94	112.6	289.65
3848	2050	6	10	700	8.28	60.87	329.44	3.08	547.73	117.1	330.16
3849	2050	6	10	800	9.18	49.94	309.88	4.1	668.7	128.1	448.22
3850	2050	6	10	900	8.78	54.93	329.44	3.08	453.49	193.5	447.63
3851	2050	6	10	1000	8.38	60.87	8.88	3.05	310.09	228.4	423.4
3852	2050	6	10	1100	7.98	65.77	28.18	2.02	109.15	196.2	270.29
3853	2050	6	10	1200	7.68	70.64	18.23	2.03	209.03	195.5	343.37
3854	2050	6	10	1300	7.27	76.43	18.81	3.04	340.72	233.7	476.62
3855	2050	6	10	1400	6.97	81.22	8.88	3.05	398.53	225.7	502.54
3856	2050	6	10	1500	7.07	74.51	9.16	4.06	368.39	235.1	476.03
3857	2050	6	10	1600	7.07	66.75	359.39	5.07	200.26	216	334.83
3858	2050	6	10	1700	7.17	59.88	359.49	6.08	114.34	191.3	250.43
3859	2050	6	10	1800	7.27	56.92	359.49	6.08	184.06	181.8	260.95
3860	2050	6	10	1900	7.27	53.94	349.46	5.08	91.24	128.5	159.47
3861	2050	6	10	2000	7.37	50.94	349.46	5.08	59.45	84.5	99.3
3862	2050	6	10	2100	6.77	52.94	349.46	5.08	37.76	37.2	43.59
3863	2050	6	10	2200	6.17	54.93	359.39	5.07	61.31	21.9	28.1
3864	2050	6	10	2300	5.57	56.92	359.39	5.07	0	14.6	14.6
3865	2050	6	11	0	5.07	60.87	359.23	4.07	0	8.84	8.84
3866	2050	6	11	100	4.47	64.8	359.23	4.07	0	6.06	6.06
3867	2050	6	11	200	3.96	68.7	358.98	3.06	0	7.74	7.75
3868	2050	6	11	300	4.06	67.73	358.98	3.06	0	14.89	14.89
3869	2050	6	11	400	4.27	67.73	359.23	4.07	40.7	32.5	38.03
3870	2050	6	11	500	4.37	66.75	359.23	4.07	33.05	65.3	72.29
3871	2050	6	11	600	5.17	63.82	359.23	4.07	33.65	100.3	110.32
3872	2050	6	11	700	6.07	60.87	358.98	3.06	63.05	163.3	187.87
3873	2050	6	11	800	6.87	57.91	358.98	3.06	160.82	209.8	286.87
3874	2050	6	11	900	7.48	53.94	339.27	3.08	169.12	209.7	304.54
3875	2050	6	11	1000	8.18	48.94	309.84	3.09	103.95	220.6	286.07
3876	2050	6	11	1100	8.78	44.91	290.25	3.09	62.59	234.4	276.94
3877	2050	6	11	1200	9.38	42.89	300.05	3.09	75.62	261.1	314.67
3878	2050	6	11	1300	10.08	40.86	319.72	4.09	51.56	286.5	323.31
3879	2050	6	11	1400	10.68	38.82	329.58	4.09	50.61	294.2	329.37
3880	2050	6	11	1500	11.09	38.82	309.88	4.1	85.18	303.4	359.16
3881	2050	6	11	1600	11.39	37.8	300.03	4.1	81.41	275.1	323.51
3882	2050	6	11	1700	11.79	37.8	280.34	4.09	65.43	195.6	229.47
3883	2050	6	11	1800	11.59	37.8	300.05	3.09	73.69	155.8	187.57
3884	2050	6	11	1900	11.29	38.82	319.63	3.09	47.23	96.7	112.8
3885	2050	6	11	2000	11.09	38.82	338.91	2.07	41.4	77.1	87.48
3886	2050	6	11	2100	9.68	47.93	338.91	2.07	139.72	70.4	94.03
3887	2050	6	11	2200	8.28	57.91	329.17	2.07	129.21	33.7	46.87
3888	2050	6	11	2300	6.87	66.75	329.17	2.07	0	22.34	22.34
3889	2050	6	12	0	6.47	71.61	319.46	2.08	0	10.72	10.72
3890	2050	6	12	100	6.17	77.4	300.13	1.07	0	8.24	8.24
3891	2050	6	12	200	5.77	82.17	290.73	1.07	0	10.52	10.53
3892	2050	6	12	300	6.17	80.27	280.67	2.08	0	11.02	11.02
3893	2050	6	12	400	6.67	78.35	270.95	2.07	33.78	12.8	17.38
3894	2050	6	12	500	7.07	76.43	260.81	3.07	18.22	28.1	31.97
3895	2050	6	12	600	7.88	72.58	250.95	3.06	27.37	68	76.16
3896	2050	6	12	700	8.78	68.7	250.95	3.06	24.04	81.1	90.46
3897	2050	6	12	800	9.58	64.8	241.07	3.05	132.75	188.1	251.82
3898	2050	6	12	900	10.18	62.84	250.95	3.06	90.42	268.9	319.64
3899	2050	6	12	1000	10.78	60.87	250.72	4.07	45.94	258.4	287.36
3900	2050	6	12	1100	11.39	58.9	260.61	4.08	30.13	223.6	244.07
3901	2050	6	12	1200	12.79	56.92	260.81	3.07	28.47	231.1	251.32

3902	2050	6	12	1300	14.2	55.92	250.95	3.06	50.89	283.6	319.93
3903	2050	6	12	1400	15.6	53.94	251.42	2.06	78.86	299.3	354.19
3904	2050	6	12	1500	15.9	52.94	261.2	2.06	92.75	255.5	316.36
3905	2050	6	12	1600	16.3	52.94	280.67	2.08	47.09	197.1	225.11
3906	2050	6	12	1700	16.6	51.94	290.37	2.08	22.76	136.5	148.35
3907	2050	6	12	1800	15.5	59.88	290.25	3.09	34.45	151.4	166.32
3908	2050	6	12	1900	14.3	67.73	300.03	5.1	34.01	131	142.59
3909	2050	6	12	2000	13.19	75.47	300.02	6.11	19.93	57.6	62.66
3910	2050	6	12	2100	12.49	79.31	300.03	5.1	24.19	24.6	28.7
3911	2050	6	12	2200	11.69	84.07	300.03	4.1	24.86	18.1	20.65
3912	2050	6	12	2300	10.99	87.86	300.05	3.09	0	15.19	15.19
3913	2050	6	13	0	10.68	89.74	290.25	3.09	0	5.26	5.26
3914	2050	6	13	100	10.28	91.62	290.37	2.08	0	0.6	0.6
3915	2050	6	13	200	9.98	93.49	280.67	2.08	0	4.17	4.17
3916	2050	6	13	300	9.98	92.56	300.07	2.08	0	14.1	14.1
3917	2050	6	13	400	9.88	92.56	329.17	2.07	16.52	18.4	20.65
3918	2050	6	13	500	9.88	91.62	348.67	2.06	30.4	47.3	53.82
3919	2050	6	13	600	9.78	85.97	358.48	2.05	25.34	62.2	69.81
3920	2050	6	13	700	9.58	80.27	358.48	2.05	52.39	127.4	147.85
3921	2050	6	13	800	9.48	74.51	8.33	2.04	29.84	110.1	124.42
3922	2050	6	13	900	10.18	69.67	338.91	2.07	24	143.5	156.99
3923	2050	6	13	1000	10.99	63.82	262.34	1.06	32.92	224.2	244.96
3924	2050	6	13	1100	11.69	58.9	233.41	1.03	195.35	291	423.9
3925	2050	6	13	1200	11.39	64.8	261.2	2.06	193.17	302.9	439.98
3926	2050	6	13	1300	11.19	69.67	338.91	2.07	70.95	273.9	324.6
3927	2050	6	13	1400	10.89	75.47	8.88	3.05	55.67	266.2	305.04
3928	2050	6	13	1500	11.09	73.55	28.18	2.02	85.15	269.9	325.79
3929	2050	6	13	1600	11.19	70.64	58.36	1.99	183.6	223.8	333.24
3930	2050	6	13	1700	11.39	68.7	77.42	0.96	105.31	228.2	283
3931	2050	6	13	1800	11.19	66.75	58.36	1.99	227.41	185.8	284.39
3932	2050	6	13	1900	10.99	63.82	39.09	4.02	134.15	119	164.93
3933	2050	6	13	2000	10.78	61.85	19.29	5.05	90.29	76.5	99.3
3934	2050	6	13	2100	10.18	62.84	19.11	4.05	101.49	54.6	71.99
3935	2050	6	13	2200	9.58	64.8	9.16	4.06	84.54	34.2	43
3936	2050	6	13	2300	8.98	65.77	8.88	3.05	0	19.06	19.06
3937	2050	6	14	0	8.38	68.7	8.88	3.05	0	9.63	9.63
3938	2050	6	14	100	7.88	72.58	19.11	4.05	0	8.24	8.24
3939	2050	6	14	200	7.27	75.47	19.11	4.05	0	6.06	6.06
3940	2050	6	14	300	6.97	76.43	9.16	4.06	0	14.1	14.1
3941	2050	6	14	400	6.57	77.4	9.16	4.06	41.67	27.6	33.36
3942	2050	6	14	500	6.27	78.35	359.23	4.07	25.93	49.9	55.41
3943	2050	6	14	600	6.97	71.61	9.33	5.06	25.56	91	98.7
3944	2050	6	14	700	7.78	64.8	9.33	5.06	242.73	155	249.93
3945	2050	6	14	800	8.48	57.91	19.41	6.06	478.71	172.4	402.45
3946	2050	6	14	900	8.68	56.92	19.29	5.05	273.31	254.5	408.21
3947	2050	6	14	1000	8.88	54.93	8.88	3.05	193.33	307.5	429.46
3948	2050	6	14	1100	9.08	53.94	8.33	2.04	140.79	334.1	430.05
3949	2050	6	14	1200	9.98	52.94	358.48	2.05	87.17	308.6	370.48
3950	2050	6	14	1300	10.78	51.94	358.98	3.06	233.15	328	494.79
3951	2050	6	14	1400	11.69	50.94	349.11	3.07	310.8	348.6	565.39
3952	2050	6	14	1500	12.69	47.93	358.98	3.06	359.99	288.7	525.18
3953	2050	6	14	1600	13.59	45.92	358.98	3.06	561.01	181.8	516.64
3954	2050	6	14	1700	14.6	42.89	8.88	3.05	698.05	106.4	469.97
3955	2050	6	14	1800	14.09	43.9	8.88	3.05	751.97	88.3	414.86
3956	2050	6	14	1900	13.69	44.91	358.98	3.06	681.88	88.5	322.42
3957	2050	6	14	2000	13.19	45.92	358.98	3.06	518.12	62.8	194.22
3958	2050	6	14	2100	11.19	55.92	349.11	3.07	488.13	42.8	126.9
3959	2050	6	14	2200	9.18	64.8	338.91	2.07	278.01	23.4	52.43
3960	2050	6	14	2300	7.17	74.51	329.17	2.07	0	18.17	18.17
3961	2050	6	15	0	5.97	80.27	319.46	2.08	0	13.8	13.8
3962	2050	6	15	100	4.77	86.92	319.46	2.08	0	15.99	15.99
3963	2050	6	15	200	3.56	92.56	309.76	2.08	0	25.12	25.12
3964	2050	6	15	300	5.37	85.97	319.46	2.08	0	50.74	50.74
3965	2050	6	15	400	7.17	79.31	319.46	2.08	503.49	33	102.37

3966	2050	6	15	500	8.98	72.58	329.17	2.07	633.67	41.8	177.05
3967	2050	6	15	600	9.98	66.75	329.17	2.07	689.62	56.6	263.43
3968	2050	6	15	700	11.09	61.85	339.27	3.08	767.5	66.5	366.6
3969	2050	6	15	800	12.09	55.92	339.27	3.08	808.74	79	467.79
3970	2050	6	15	900	12.99	51.94	349.11	3.07	708.32	111.6	509.99
3971	2050	6	15	1000	13.99	46.93	349.11	3.07	702.41	138.4	581.48
3972	2050	6	15	1100	14.9	42.89	358.98	3.06	763.08	130	649.8
3973	2050	6	15	1200	15.9	39.84	339.27	3.08	861.4	103.8	715.53
3974	2050	6	15	1300	16.9	36.78	319.63	3.09	898.26	92	735.09
3975	2050	6	15	1400	17.91	33.71	300.05	3.09	865.68	100.4	704.71
3976	2050	6	15	1500	18.11	33.71	309.84	3.09	628.55	152.6	565.99
3977	2050	6	15	1600	18.21	32.68	309.84	3.09	479.16	143.2	429.46
3978	2050	6	15	1700	18.41	32.68	319.63	3.09	624.25	137.8	463.42
3979	2050	6	15	1800	18.01	34.73	349.11	3.07	553.4	100.2	340.89
3980	2050	6	15	1900	17.61	36.78	28.78	3.03	485.06	80.4	247.15
3981	2050	6	15	2000	17.2	38.82	58.91	2.99	499.65	56	183.1
3982	2050	6	15	2100	15.4	45.92	48.83	3	478.67	38.8	121.64
3983	2050	6	15	2200	13.59	51.94	48.24	2	358.56	27.6	65.34
3984	2050	6	15	2300	11.79	58.9	38.18	2.01	0	31.18	31.18
3985	2050	6	16	0	9.88	69.67	58.36	1.99	0	14.3	14.3
3986	2050	6	16	100	8.08	79.31	67	0.97	0	13.21	13.21
3987	2050	6	16	200	6.17	89.74	87.94	0.95	0	26.51	26.51
3988	2050	6	16	300	8.08	79.31	109.18	0.95	0	53.52	53.52
3989	2050	6	16	400	9.88	67.73	119.93	1.95	494.59	30.4	98.7
3990	2050	6	16	500	11.79	56.92	140.58	1.95	590.03	43.5	169.6
3991	2050	6	16	600	13.39	52.94	140.58	1.95	674.67	54.9	257.38
3992	2050	6	16	700	15	47.93	150.88	1.96	737.14	70.5	358.86
3993	2050	6	16	800	16.6	43.9	150.88	1.96	800	72.8	457.36
3994	2050	6	16	900	18.21	38.82	181.57	1.98	843.01	75.4	549.71
3995	2050	6	16	1000	19.91	34.73	221.8	2.03	670.51	105.6	528.75
3996	2050	6	16	1100	21.52	29.59	251.42	2.06	669.32	180.2	636.29
3997	2050	6	16	1200	22.02	28.55	221.8	2.03	492.1	196.5	546.13
3998	2050	6	16	1300	22.42	26.48	140.38	2.96	668.77	235.6	714.64
3999	2050	6	16	1400	22.92	25.44	109.74	2.96	815.36	206.1	775.61
4000	2050	6	16	1500	22.42	26.48	130.26	1.95	520.67	212.6	555.27
4001	2050	6	16	1600	22.02	26.48	171.38	1.97	526.56	198.6	513.56
4002	2050	6	16	1700	21.52	27.52	193.46	0.99	318.48	156.1	322.42
4003	2050	6	16	1800	21.82	27.52	211.83	2.01	597.65	132.6	393.02
4004	2050	6	16	1900	22.02	26.48	221.2	3.03	630.44	118.4	335.72
4005	2050	6	16	2000	22.32	26.48	240.8	4.06	478.39	110.2	232.25
4006	2050	6	16	2100	20.31	34.73	231.15	3.04	314.9	78.8	133.45
4007	2050	6	16	2200	18.41	43.9	221.2	3.03	206.08	52.6	74.47
4008	2050	6	16	2300	16.4	51.94	211.83	2.01	0	33.96	33.96
4009	2050	6	17	0	14.7	60.87	191.71	1.99	0	16.28	16.28
4010	2050	6	17	100	12.89	70.64	171.38	1.97	0	17.97	17.97
4011	2050	6	17	200	11.19	79.31	150.88	1.96	0	23.43	23.43
4012	2050	6	17	300	11.39	81.22	130.53	0.94	0	33.06	33.07
4013	2050	6	17	400	11.69	83.13	16.48	1.02	130.28	38.5	56.5
4014	2050	6	17	500	11.89	85.02	302.2	0.06	429.47	52.5	144.28
4015	2050	6	17	600	14.7	68.7	357.01	1.04	649.2	57	251.82
4016	2050	6	17	700	17.61	51.94	183.2	0.98	752.9	60.8	355.28
4017	2050	6	17	800	20.41	34.73	181.57	1.98	802.96	67.2	453.19
4018	2050	6	17	900	21.52	32.68	181.04	2.99	832.24	79.3	547.52
4019	2050	6	17	1000	22.62	29.59	181.04	2.99	858.94	80.8	622.79
4020	2050	6	17	1100	23.72	27.52	180.78	4	832.23	97.5	664.69
4021	2050	6	17	1200	23.92	24.4	181.04	2.99	799.87	139.9	708.28
4022	2050	6	17	1300	24.02	22.31	181.57	1.98	703.56	191	695.08
4023	2050	6	17	1400	24.23	19.17	183.2	0.98	382.89	280.7	548.32
4024	2050	6	17	1500	24.02	20.22	183.2	0.98	208.48	306.7	444.05
4025	2050	6	17	1600	23.82	20.22	171.38	1.97	149.52	285.6	375.14
4026	2050	6	17	1700	23.62	21.26	171.38	1.97	81.27	223.1	265.62
4027	2050	6	17	1800	23.12	23.35	161.15	1.97	41.6	158.4	176.55
4028	2050	6	17	1900	22.72	26.48	161.15	1.97	39.9	116.7	130.48
4029	2050	6	17	2000	22.22	28.55	150.88	1.96	34.36	81.7	90.46

4030	2050	6	17	2100	20.41	37.8	150.88	1.96	43.05	64.2	71.69
4031	2050	6	17	2200	18.71	46.93	162.36	0.96	41.53	46	50.44
4032	2050	6	17	2300	16.9	55.92	162.36	0.96	0	21.55	21.55
4033	2050	6	18	0	14.8	67.73	162.36	0.96	0	9.63	9.63
4034	2050	6	18	100	12.79	79.31	150.88	1.96	0	6.35	6.35
4035	2050	6	18	200	10.68	90.68	150.88	1.96	0	11.82	11.82
4036	2050	6	18	300	12.29	80.27	140.58	1.95	0	36.64	36.64
4037	2050	6	18	400	13.89	68.7	141.19	0.95	286.2	39.8	79.44
4038	2050	6	18	500	15.5	57.91	130.53	0.94	563.53	43.1	163.54
4039	2050	6	18	600	16.7	50.94	130.26	1.95	680.9	51.7	255.99
4040	2050	6	18	700	17.81	44.91	130.26	1.95	753.87	62.4	357.17
4041	2050	6	18	800	19.01	37.8	130.17	2.96	793.68	70.4	451.8
4042	2050	6	18	900	20.11	35.76	119.95	2.96	829.65	80.3	546.93
4043	2050	6	18	1000	21.12	32.68	109.74	2.96	830.82	100.5	624.77
4044	2050	6	18	1100	22.22	30.62	99.53	2.96	862.74	104.3	692.3
4045	2050	6	18	1200	22.92	29.59	89.34	2.97	739.33	177.4	702.82
4046	2050	6	18	1300	23.52	27.52	89.51	3.98	625.22	211.2	659.23
4047	2050	6	18	1400	24.23	26.48	79.38	3.98	627.47	219.1	657.84
4048	2050	6	18	1500	24.23	26.48	99.65	3.97	540	233.8	589.72
4049	2050	6	18	1600	24.23	27.52	119.95	2.96	362.76	230.3	447.63
4050	2050	6	18	1700	24.23	27.52	140.38	2.96	347.78	207.7	389.74
4051	2050	6	18	1800	23.32	27.52	140.28	3.97	379.34	149.6	315.27
4052	2050	6	18	1900	22.42	27.52	140.28	3.97	347.55	143.3	263.43
4053	2050	6	18	2000	21.52	27.52	140.23	4.98	247.08	120.1	183.4
4054	2050	6	18	2100	20.01	33.71	140.28	3.97	126.55	69.7	91.85
4055	2050	6	18	2200	18.61	38.82	130.17	2.96	77.96	33.9	42.2
4056	2050	6	18	2300	17.1	44.91	130.26	1.95	0	18.77	18.77
4057	2050	6	19	0	15.3	55.92	130.26	1.95	0	9.63	9.63
4058	2050	6	19	100	13.39	67.73	119.85	0.94	0	8.24	8.24
4059	2050	6	19	200	11.59	78.35	119.85	0.94	0	14.6	14.6
4060	2050	6	19	300	12.09	79.31	87.94	0.95	0	27.01	27.01
4061	2050	6	19	400	12.69	81.22	36.35	1	44.69	36.6	42.8
4062	2050	6	19	500	13.19	82.17	6.7	1.03	40.56	67.2	75.86
4063	2050	6	19	600	14.8	71.61	18.23	2.03	35.07	95.6	106.15
4064	2050	6	19	700	16.3	60.87	18.23	2.03	34.63	132.6	146.16
4065	2050	6	19	800	17.91	49.94	28.78	3.03	50.42	182.6	206.83
4066	2050	6	19	900	17.51	52.94	28.78	3.03	42.24	193.6	217.36
4067	2050	6	19	1000	17.2	56.92	28.78	3.03	23.5	152.9	167.71
4068	2050	6	19	1100	16.8	59.88	28.78	3.03	18.59	122.4	135.14
4069	2050	6	19	1200	16.7	62.84	48.83	3	16.5	97.2	108.93
4070	2050	6	19	1300	16.6	66.75	79.17	2.98	17.66	112.2	124.92
4071	2050	6	19	1400	16.5	69.67	99.53	2.96	13.71	106.3	115.88
4072	2050	6	19	1500	15.5	77.4	79.17	2.98	10.29	95.3	102.08
4073	2050	6	19	1600	14.5	85.02	38.18	2.01	6.81	53.8	57.89
4074	2050	6	19	1700	13.49	92.56	18.23	2.03	17.1	49.8	58.78
4075	2050	6	19	1800	13.79	91.62	18.23	2.03	23.46	59.5	69.81
4076	2050	6	19	1900	14.09	91.62	18.23	2.03	20.16	48.2	55.21
4077	2050	6	19	2000	14.4	90.68	18.23	2.03	25.39	26.5	33.07
4078	2050	6	19	2100	14.3	90.68	18.23	2.03	39.18	20.7	27.6
4079	2050	6	19	2200	14.3	91.62	16.48	1.02	50.34	12	17.38
4080	2050	6	19	2300	14.2	91.62	16.48	1.02	0	11.82	11.82
4081	2050	6	20	0	14.2	91.62	16.48	1.02	0	9.13	9.14
4082	2050	6	20	100	14.2	91.62	26.36	1.01	0	8.24	8.24
4083	2050	6	20	200	14.2	91.62	26.36	1.01	0	10.52	10.53
4084	2050	6	20	300	14.09	90.68	26.36	1.01	0	15.19	15.19
4085	2050	6	20	400	13.99	90.68	38.18	2.01	56.99	25.2	33.07
4086	2050	6	20	500	13.89	89.74	38.18	2.01	51.58	73.1	84.1
4087	2050	6	20	600	14.4	87.86	28.18	2.02	36.47	103	113.89
4088	2050	6	20	700	14.9	86.92	18.23	2.03	24.86	90.4	100.09
4089	2050	6	20	800	15.4	85.02	8.33	2.04	16.35	69.4	77.25
4090	2050	6	20	900	15.7	83.13	8.33	2.04	18.22	90.4	100.69
4091	2050	6	20	1000	16.1	81.22	18.81	3.04	17.27	105.8	116.67
4092	2050	6	20	1100	16.4	79.31	18.81	3.04	14.01	94.7	104.26
4093	2050	6	20	1200	16.4	81.22	18.81	3.04	10.91	70.9	78.64

4094	2050	6	20	1300	16.4	82.17	8.88	3.05	11.4	92.5	100.69
4095	2050	6	20	1400	16.4	84.07	8.88	3.05	20.34	147.9	162.15
4096	2050	6	20	1500	17	83.13	18.81	3.04	28.06	198	216.57
4097	2050	6	20	1600	17.61	83.13	28.18	2.02	21.38	139.7	152.52
4098	2050	6	20	1700	18.21	82.17	38.18	2.01	22.05	138.2	149.74
4099	2050	6	20	1800	18.51	74.51	28.18	2.02	196.2	207.8	293.72
4100	2050	6	20	1900	18.71	67.73	28.78	3.03	209.46	171.5	244.07
4101	2050	6	20	2000	19.01	59.88	18.81	3.04	264.77	109.3	177.34
4102	2050	6	20	2100	18.01	61.85	18.81	3.04	242.49	75.5	118.06
4103	2050	6	20	2200	17	63.82	8.33	2.04	157.89	41.8	58.78
4104	2050	6	20	2300	16	65.77	8.33	2.04	0	27.6	27.6
4105	2050	6	21	0	14.6	70.64	8.33	2.04	0	15.99	15.99
4106	2050	6	21	100	13.19	75.47	18.81	3.04	0	13.8	13.8
4107	2050	6	21	200	11.79	80.27	18.81	3.04	0	20.16	20.16
4108	2050	6	21	300	11.99	79.31	28.78	3.03	0	42.79	42.8
4109	2050	6	21	400	12.19	77.4	28.78	3.03	319.09	42.9	86.88
4110	2050	6	21	500	12.39	76.43	38.79	3.02	305.4	63.2	128.29
4111	2050	6	21	600	13.59	72.58	38.79	3.02	193.85	102.8	160.76
4112	2050	6	21	700	14.8	68.7	29.09	4.03	184.5	145.9	217.86
4113	2050	6	21	800	16	64.8	29.09	4.03	361.01	202	375.14
4114	2050	6	21	900	17.91	57.91	39.09	4.02	635.89	201.3	558.54
4115	2050	6	21	1000	19.81	51.94	39.09	4.02	773.93	126.7	614.55
4116	2050	6	21	1100	21.72	44.91	49.13	4.01	826.96	98.2	661.41
4117	2050	6	21	1200	23.22	39.84	59.19	4	850.37	94.4	698.65
4118	2050	6	21	1300	24.63	33.71	79.38	3.98	854.66	93.5	706.1
4119	2050	6	21	1400	26.13	28.55	89.51	3.98	858.73	91.2	691.8
4120	2050	6	21	1500	26.33	27.52	99.72	4.98	869.29	82.6	655.95
4121	2050	6	21	1600	26.63	25.44	99.72	4.98	847.52	77.2	585.55
4122	2050	6	21	1700	26.83	24.4	109.87	5.99	790.11	83.2	497.28
4123	2050	6	21	1800	25.63	29.59	109.84	4.98	701.03	88.9	395.8
4124	2050	6	21	1900	24.43	34.73	109.8	3.97	491.95	108.1	278.63
4125	2050	6	21	2000	23.22	39.84	109.74	2.96	380.21	78.2	175.95
4126	2050	6	21	2100	21.42	52.94	109.8	3.97	296.33	62.5	114.49
4127	2050	6	21	2200	19.61	64.8	99.65	3.97	125.31	32.9	46.37
4128	2050	6	21	2300	17.81	77.4	99.72	4.98	0	17.38	17.38
4129	2050	6	22	0	17.1	79.31	89.51	3.98	0	7.74	7.75
4130	2050	6	22	100	16.5	81.22	89.51	3.98	0	5.56	5.56
4131	2050	6	22	200	15.8	83.13	79.17	2.98	0	5.56	5.56
4132	2050	6	22	300	15.7	82.17	89.34	2.97	0	7.45	7.45
4133	2050	6	22	400	15.7	82.17	89.34	2.97	13.64	16.6	18.47
4134	2050	6	22	500	15.6	81.22	99.53	2.96	21.58	37.6	42.2
4135	2050	6	22	600	16.4	78.35	99.53	2.96	26.3	80.1	87.98
4136	2050	6	22	700	17.2	75.47	99.29	1.96	22.04	97.6	106.15
4137	2050	6	22	800	18.01	72.58	99.29	1.96	318.26	145.1	297.59
4138	2050	6	22	900	19.51	69.67	109.6	1.95	648.5	130.3	494.3
4139	2050	6	22	1000	21.12	65.77	119.95	2.96	562.09	184.5	538.68
4140	2050	6	22	1100	22.62	62.84	130.17	2.96	285.72	270.5	465.01
4141	2050	6	22	1200	23.12	60.87	140.58	1.95	234.84	306.2	473.05
4142	2050	6	22	1300	23.72	59.88	150.88	1.96	365.31	278.3	540.07
4143	2050	6	22	1400	24.23	57.91	162.36	0.96	202.95	205.6	347.54
4144	2050	6	22	1500	25.03	54.93	181.57	1.98	349.05	226.3	456.47
4145	2050	6	22	1600	25.93	52.94	211.22	3.02	605.48	183.3	546.43
4146	2050	6	22	1700	26.73	49.94	230.87	4.05	680.85	130.7	487.65
4147	2050	6	22	1800	25.93	50.94	241.07	3.05	639.09	106.6	386.46
4148	2050	6	22	1900	25.03	50.94	260.81	3.07	520.5	91.2	271.68
4149	2050	6	22	2000	24.23	51.94	270.95	2.07	304.16	70.7	148.94
4150	2050	6	22	2100	22.62	61.85	290.37	2.08	250.74	55.6	99.59
4151	2050	6	22	2200	20.92	71.61	36.35	1	197.64	38.1	59.28
4152	2050	6	22	2300	19.31	81.22	56.67	0.98	0	32.86	32.87
4153	2050	6	23	0	18.51	84.07	36.35	1	0	17.38	17.38
4154	2050	6	23	100	17.61	85.97	302.2	0.06	0	13.8	13.8
4155	2050	6	23	200	16.8	88.8	302.2	0.06	0	19.86	19.86
4156	2050	6	23	300	17.3	88.8	302.2	0.06	0	34.16	34.16
4157	2050	6	23	400	17.71	89.74	98.53	0.95	52.09	29.5	36.64

4158	2050	6	23	500	18.21	89.74	130.53	0.94	35.53	50.7	58.19
4159	2050	6	23	600	18.41	88.8	130.53	0.94	22.25	41.3	47.96
4160	2050	6	23	700	18.61	86.92	119.85	0.94	17.29	64.9	71.69
4161	2050	6	23	800	18.81	85.97	109.85	0.94	14.66	75.7	82.71
4162	2050	6	23	900	20.21	80.27	109.18	0.95	16.26	111.9	121.04
4163	2050	6	23	1000	21.72	75.47	89	1.96	286.3	215.9	396.09
4164	2050	6	23	1100	23.12	69.67	78.74	1.97	571.47	213.3	602.13
4165	2050	6	23	1200	23.02	63.82	48.83	3	529.38	202	577.81
4166	2050	6	23	1300	22.92	56.92	329.58	4.09	284.47	239.5	443.26
4167	2050	6	23	1400	22.82	50.94	300.03	5.1	255.92	229.9	408.8
4168	2050	6	23	1500	22.82	54.93	319.72	4.09	472.75	236.8	548.61
4169	2050	6	23	1600	22.92	59.88	79.38	3.98	236.53	149.2	291.04
4170	2050	6	23	1700	22.92	63.82	99.53	2.96	276.7	214.3	359.35
4171	2050	6	23	1800	22.32	68.7	119.93	1.95	405.33	261.3	438.79
4172	2050	6	23	1900	21.72	73.55	161.15	1.97	201.78	163.7	233.64
4173	2050	6	23	2000	21.12	78.35	183.2	0.98	130.52	95.2	128.79
4174	2050	6	23	2100	20.61	80.27	183.2	0.98	114.95	74.2	94.33
4175	2050	6	23	2200	20.01	83.13	193.46	0.99	76.11	48.9	57.1
4176	2050	6	23	2300	19.51	85.02	193.46	0.99	0	30.58	30.58
4177	2050	6	24	0	18.31	87.86	162.36	0.96	0	14.6	14.6
4178	2050	6	24	100	17	91.62	119.85	0.94	0	11.02	11.02
4179	2050	6	24	200	15.8	94.43	87.94	0.95	0	17.08	17.08
4180	2050	6	24	300	16.9	90.68	56.67	0.98	0	39.42	39.42
4181	2050	6	24	400	17.91	87.86	302.2	0.06	299.52	42.6	83.31
4182	2050	6	24	500	19.01	84.07	302.2	0.06	219.7	74.5	120.84
4183	2050	6	24	600	19.31	82.17	358.48	2.05	109.35	115.3	147.85
4184	2050	6	24	700	19.71	79.31	359.23	4.07	42.98	125.6	142.29
4185	2050	6	24	800	20.01	77.4	359.49	6.08	23.62	114.5	125.81
4186	2050	6	24	900	18.71	79.31	359.49	6.08	36.53	196.1	216.57
4187	2050	6	24	1000	17.4	80.27	359.39	5.07	29.01	174	192.24
4188	2050	6	24	1100	16.1	82.17	359.39	5.07	18.25	116.1	128.49
4189	2050	6	24	1200	16.4	77.4	9.33	5.06	20.75	148.8	163.54
4190	2050	6	24	1300	16.8	73.55	19.11	4.05	29.11	228	248.84
4191	2050	6	24	1400	17.1	68.7	29.09	4.03	28.04	231.1	250.72
4192	2050	6	24	1500	17.3	66.75	39.09	4.02	64.81	278.9	321.62
4193	2050	6	24	1600	17.61	64.8	39.09	4.02	214.3	290.4	418.93
4194	2050	6	24	1700	17.81	62.84	49.13	4.01	345.18	230.9	411.78
4195	2050	6	24	1800	17.61	61.85	49.13	4.01	129.95	209.5	266.41
4196	2050	6	24	1900	17.4	61.85	59.19	4	102.3	158.2	193.63
4197	2050	6	24	2000	17.2	60.87	59.19	4	79.35	103.7	124.12
4198	2050	6	24	2100	16	64.8	58.91	2.99	179.38	64.6	96.02
4199	2050	6	24	2200	14.9	68.7	58.91	2.99	191.12	38.9	59.28
4200	2050	6	24	2300	13.69	72.58	58.36	1.99	0	28.69	28.7
4201	2050	6	25	0	13.19	73.55	58.36	1.99	0	15.99	15.99
4202	2050	6	25	100	12.59	73.55	68.53	1.98	0	11.82	11.82
4203	2050	6	25	200	12.09	74.51	68.53	1.98	0	11.02	11.02
4204	2050	6	25	300	12.09	75.47	68.53	1.98	0	17.08	17.08
4205	2050	6	25	400	11.99	76.43	56.67	0.98	25.86	21.9	25.42
4206	2050	6	25	500	11.99	77.4	56.67	0.98	17.25	36.1	39.72
4207	2050	6	25	600	12.39	76.43	46.45	0.99	32.45	75.1	84.7
4208	2050	6	25	700	12.89	75.47	28.18	2.02	32.35	115.2	127.7
4209	2050	6	25	800	13.29	74.51	18.23	2.03	33.75	174.4	190.55
4210	2050	6	25	900	14.9	71.61	28.18	2.02	52.1	267.4	296.5
4211	2050	6	25	1000	16.6	67.73	181.57	1.98	76.54	308.6	356.67
4212	2050	6	25	1100	18.21	64.8	191.71	1.99	49.08	301.2	334.53
4213	2050	6	25	1200	20.11	60.87	181.57	1.98	41.32	305.5	334.83
4214	2050	6	25	1300	22.02	56.92	160.76	2.97	383.91	275	549.71
4215	2050	6	25	1400	23.92	52.94	150.58	2.97	622.08	211.7	646.22
4216	2050	6	25	1500	24.33	50.94	140.38	2.96	369.44	204	447.43
4217	2050	6	25	1600	24.73	49.94	140.58	1.95	235.98	170.3	311.69
4218	2050	6	25	1700	25.13	47.93	130.26	1.95	357.11	149.1	336.22
4219	2050	6	25	1800	25.13	47.93	119.93	1.95	316.49	125.4	263.93
4220	2050	6	25	1900	25.03	48.94	119.93	1.95	403.37	104.1	243.87
4221	2050	6	25	2000	25.03	48.94	109.6	1.95	391	79.1	179.53

4222	2050	6	25	2100	23.32	54.93	119.93	1.95	213.34	54.6	91.85
4223	2050	6	25	2200	21.72	61.85	140.58	1.95	97.11	34.3	44.68
4224	2050	6	25	2300	20.01	67.73	150.88	1.96	0	21.74	21.75
4225	2050	6	26	0	19.51	71.61	150.88	1.96	0	10.52	10.53
4226	2050	6	26	100	19.11	75.47	162.36	0.96	0	6.35	6.35
4227	2050	6	26	200	18.61	79.31	162.36	0.96	0	9.63	9.63
4228	2050	6	26	300	19.11	77.4	162.36	0.96	0	29.19	29.19
4229	2050	6	26	400	19.71	75.47	172.83	0.97	211.05	45.8	74.17
4230	2050	6	26	500	20.21	73.55	172.83	0.97	343.36	66.8	138.72
4231	2050	6	26	600	21.92	67.73	191.71	1.99	454.88	85.4	219.84
4232	2050	6	26	700	23.72	60.87	210.91	4.03	565.83	98.7	317.45
4233	2050	6	26	800	25.43	54.93	230.69	5.06	616.11	112	405.43
4234	2050	6	26	900	26.73	49.94	230.69	5.06	541.15	131.4	433.63
4235	2050	6	26	1000	27.94	43.9	220.6	6.06	579.03	143.3	506.71
4236	2050	6	26	1100	29.24	38.82	220.6	6.06	669.59	144.6	599.06
4237	2050	6	26	1200	29.54	37.8	220.6	6.06	613.51	168.5	603.23
4238	2050	6	26	1300	29.94	35.76	230.58	6.07	573.36	203.9	613.95
4239	2050	6	26	1400	30.24	34.73	230.58	6.07	586.37	188.9	598.26
4240	2050	6	26	1500	30.34	34.73	230.58	6.07	567.07	172.3	545.83
4241	2050	6	26	1600	30.34	33.71	240.54	6.08	581.49	146.7	495.09
4242	2050	6	26	1700	30.44	33.71	240.54	6.08	665.8	120	468.58
4243	2050	6	26	1800	29.94	31.65	240.64	5.07	688.41	89.5	390.53
4244	2050	6	26	1900	29.54	30.62	250.57	5.08	657.88	63.6	291.24
4245	2050	6	26	2000	29.04	28.55	250.72	4.07	580.18	49.3	198
4246	2050	6	26	2100	26.73	34.73	260.81	3.07	473.63	38.5	121.04
4247	2050	6	26	2200	24.53	39.84	260.81	3.07	340.2	27.7	63.75
4248	2050	6	26	2300	22.22	45.92	270.95	2.07	0	31.47	31.48
4249	2050	6	27	0	20.41	53.94	290.37	2.08	0	16.78	16.78
4250	2050	6	27	100	18.61	62.84	309.84	3.09	0	13.8	13.8
4251	2050	6	27	200	16.8	70.64	329.44	3.08	0	25.91	25.92
4252	2050	6	27	300	17.91	67.73	339.27	3.08	0	50.24	50.24
4253	2050	6	27	400	18.91	63.82	339.27	3.08	482.38	33	97.41
4254	2050	6	27	500	20.01	60.87	349.11	3.07	591.06	41.2	164.44
4255	2050	6	27	600	20.81	56.92	358.98	3.06	667.78	51.3	247.94
4256	2050	6	27	700	21.52	51.94	358.98	3.06	749.48	57.2	346.15
4257	2050	6	27	800	22.32	47.93	8.88	3.05	809.89	61.3	446.24
4258	2050	6	27	900	23.12	43.9	339.27	3.08	851.38	65	539.78
4259	2050	6	27	1000	24.02	40.86	309.84	3.09	871.81	66.4	612.86
4260	2050	6	27	1100	24.83	36.78	280.45	3.08	897.58	66.6	675.22
4261	2050	6	27	1200	25.33	36.78	280.45	3.08	920.57	64.3	716.03
4262	2050	6	27	1300	25.83	35.76	280.67	2.08	926.54	63.4	725.46
4263	2050	6	27	1400	26.33	35.76	280.67	2.08	920.67	63.3	705.6
4264	2050	6	27	1500	26.33	34.73	280.45	3.08	904.45	63.2	658.44
4265	2050	6	27	1600	26.43	34.73	290.19	4.09	875.89	62.9	587.24
4266	2050	6	27	1700	26.43	33.71	290.15	5.1	832.56	64.8	500.36
4267	2050	6	27	1800	25.83	34.73	300.03	5.1	766.43	60.5	395.3
4268	2050	6	27	1900	25.13	34.73	319.78	5.1	698.46	55.4	296.8
4269	2050	6	27	2000	24.53	35.76	329.66	5.1	611.36	48.9	205.25
4270	2050	6	27	2100	22.52	38.82	329.66	5.1	515.31	36.5	126.01
4271	2050	6	27	2200	20.61	40.86	339.45	4.08	379.33	27.4	67.32
4272	2050	6	27	2300	18.61	43.9	339.45	4.08	0	32.57	32.57
4273	2050	6	28	0	16.4	49.94	349.33	4.08	0	14.89	14.89
4274	2050	6	28	100	14.09	54.93	359.23	4.07	0	13.01	13.01
4275	2050	6	28	200	11.89	60.87	9.16	4.06	0	25.62	25.62
4276	2050	6	28	300	11.69	59.88	9.16	4.06	0	52.13	52.13
4277	2050	6	28	400	11.49	58.9	18.81	3.04	529.07	32.3	102.37
4278	2050	6	28	500	11.29	57.91	18.81	3.04	639.9	41.4	174.07
4279	2050	6	28	600	12.09	56.92	28.78	3.03	723.63	48.9	261.25
4280	2050	6	28	700	12.99	55.92	38.18	2.01	801.31	51.8	359.95
4281	2050	6	28	800	13.79	54.93	48.24	2	849.57	57	460.04
4282	2050	6	28	900	14.9	51.94	48.24	2	883.39	61.8	553.58
4283	2050	6	28	1000	16.1	48.94	58.91	2.99	900.44	63.1	626.66
4284	2050	6	28	1100	17.2	45.92	58.91	2.99	921.14	63.3	687.03
4285	2050	6	28	1200	18.51	43.9	89.34	2.97	919.81	70.8	721.29

4286	2050	6	28	1300	19.91	40.86	171.38	1.97	916.91	73.5	728.14
4287	2050	6	28	1400	21.22	38.82	201.8	2	914.03	71.1	708.28
4288	2050	6	28	1500	22.22	38.82	191.71	1.99	892.75	70	657.05
4289	2050	6	28	1600	23.32	37.8	191.14	3	857.53	69.7	582.57
4290	2050	6	28	1700	24.33	37.8	181.04	2.99	818.1	69.2	496.78
4291	2050	6	28	1800	24.33	38.82	201.2	3.01	762.17	66.1	398.58
4292	2050	6	28	1900	24.33	39.84	211.22	3.02	634.52	79.5	298.49
4293	2050	6	28	2000	24.33	40.86	231.15	3.04	487.36	59	183.4
4294	2050	6	28	2100	22.52	48.94	261.2	2.06	402.27	49.8	119.45
4295	2050	6	28	2200	20.71	55.92	328.39	1.07	326.17	32.1	66.23
4296	2050	6	28	2300	18.91	63.82	302.2	0.06	0	33.96	33.96
4297	2050	6	29	0	17	71.61	302.2	0.06	0	15.69	15.69
4298	2050	6	29	100	15.2	78.35	337.87	1.06	0	13.01	13.01
4299	2050	6	29	200	13.29	85.97	328.39	1.07	0	15.69	15.69
4300	2050	6	29	300	14.7	79.31	328.39	1.07	0	40.31	40.31
4301	2050	6	29	400	16.1	72.58	318.95	1.07	436.43	34	91.25
4302	2050	6	29	500	17.51	65.77	318.95	1.07	537.92	44.1	155
4303	2050	6	29	600	19.61	58.9	337.87	1.06	661.75	49.6	242.98
4304	2050	6	29	700	21.72	52.94	87.94	0.95	744.23	56.2	341.48
4305	2050	6	29	800	23.82	45.92	109.18	0.95	774.83	68.4	435.02
4306	2050	6	29	900	24.53	41.87	77.42	0.96	720.28	114	514.16
4307	2050	6	29	1000	25.23	37.8	302.2	0.06	313.64	228.5	424.49
4308	2050	6	29	1100	25.93	33.71	302.2	0.06	263.83	253.5	431.94
4309	2050	6	29	1200	27.13	31.65	328.39	1.07	538.96	225.8	606.5
4310	2050	6	29	1300	28.34	28.34	252.78	1.05	767.53	147.7	695.08
4311	2050	6	29	1400	29.54	28.55	221.8	2.03	653.98	149.9	605.41
4312	2050	6	29	1500	29.14	32.68	211.83	2.01	554.45	173.6	537.89
4313	2050	6	29	1600	28.74	35.76	193.46	0.99	463.6	182.5	459.54
4314	2050	6	29	1700	28.34	39.84	183.2	0.98	407.26	163	375.64
4315	2050	6	29	1800	28.34	39.84	181.57	1.98	548.11	126.1	364.91
4316	2050	6	29	1900	28.34	38.82	190.85	4.01	529.55	137.9	320.23
4317	2050	6	29	2000	28.34	38.82	190.68	5.02	270.9	91.3	160.26
4318	2050	6	29	2100	26.53	46.93	170.68	3.99	74.48	40.7	53.52
4319	2050	6	29	2200	24.73	53.94	48.83	3	56.27	25.3	31.18
4320	2050	6	29	2300	22.92	61.85	28.18	2.02	0	22.34	22.34
4321	2050	6	30	0	20.92	71.61	58.36	1.99	0	13.5	13.5
4322	2050	6	30	100	18.81	81.22	130.53	0.94	0	11.02	11.02
4323	2050	6	30	200	16.8	90.68	162.36	0.96	0	19.06	19.06
4324	2050	6	30	300	18.11	84.07	162.36	0.96	0	47.76	47.76
4325	2050	6	30	400	19.41	78.35	162.36	0.96	319.59	44	85.49
4326	2050	6	30	500	20.71	71.61	162.36	0.96	286.6	55.8	114.49
4327	2050	6	30	600	22.22	68.7	191.71	1.99	224.25	103.6	168.8
4328	2050	6	30	700	23.82	66.75	231.72	2.04	441.76	143.4	312.19
4329	2050	6	30	800	25.33	63.82	260.81	3.07	589.4	150.5	428.66
4330	2050	6	30	900	25.33	58.9	241.07	3.05	502.81	170.5	449.32
4331	2050	6	30	1000	25.33	52.94	201.2	3.01	272.49	205.7	375.64
4332	2050	6	30	1100	25.33	47.93	181.04	2.99	94.63	254.1	318.05
4333	2050	6	30	1200	25.53	49.94	190.85	4.01	58.95	298.2	339.79
4334	2050	6	30	1300	25.63	51.94	210.73	5.04	38.67	244.4	271.97
4335	2050	6	30	1400	25.83	53.94	220.6	6.06	86.42	259	319.14
4336	2050	6	30	1500	26.33	49.94	220.6	6.06	297.54	241.9	437.2
4337	2050	6	30	1600	24.63	51.94	220.6	6.06	366.66	235.1	453.98
4338	2050	6	30	1700	23.82	53.94	220.6	6.06	338.47	183.4	359.95
4339	2050	6	30	1800	22.92	56.92	230.69	5.06	115	83.7	133.75
4340	2050	6	30	1900	22.02	58.9	18.81	3.04	18.54	29.8	36.14
4341	2050	6	30	2000	21.02	60.87	28.18	2.02	32.54	29.3	37.53
4342	2050	6	30	2100	19.91	62.84	48.24	2	123.69	43.9	65.14
4343	2050	6	30	2200	18.91	64.8	78.74	1.97	118.37	32.8	44.98
4344	2050	6	30	2300	18.01	66.75	99.29	1.96	0	17.38	17.38
4345	2050	7	1	0	17.1	66.48	170.33	2.95	0	6.13	6.13
4346	2050	7	1	100	16.31	68.53	170.25	3.95	0	5.32	5.32
4347	2050	7	1	200	15.62	70.59	170.25	3.95	0	10.85	10.85
4348	2050	7	1	300	15.02	72.65	170.25	3.95	0	18.98	18.98
4349	2050	7	1	400	14.63	74.72	180.35	3.95	32.53	37.9	42.08

4350	2050	7	1	500	14.33	76.79	180.35	3.95	24.4	55.3	60.26
4351	2050	7	1	600	14.13	79.91	190.43	3.95	23.56	69.9	76.73
4352	2050	7	1	700	14.13	82	210.76	2.97	19.74	74.5	82.05
4353	2050	7	1	800	13.84	84.1	220.81	2.98	10.66	54.7	59.66
4354	2050	7	1	900	14.43	82	220.81	2.98	12.34	87.7	94.61
4355	2050	7	1	1000	14.92	79.91	230.63	3.98	96.21	183.8	243.85
4356	2050	7	1	1100	15.52	77.83	230.63	3.98	194.03	197.1	328.11
4357	2050	7	1	1200	16.11	75.75	230.63	3.98	78.83	206.4	261.93
4358	2050	7	1	1300	16.8	73.68	230.63	3.98	30.82	225.5	247.47
4359	2050	7	1	1400	17.4	71.62	230.63	3.98	175.76	252.5	374.72
4360	2050	7	1	1500	17.4	68.53	220.61	3.97	116.06	262.8	338.96
4361	2050	7	1	1600	17.5	66.48	220.48	4.97	76.67	250	295.67
4362	2050	7	1	1700	17.5	63.41	210.45	4.96	51.2	199	225.67
4363	2050	7	1	1800	17	67.5	210.45	4.96	71.22	159.3	190.22
4364	2050	7	1	1900	16.61	70.59	220.48	4.97	45.79	77.5	93.2
4365	2050	7	1	2000	16.11	74.72	220.48	4.97	172.06	52.6	96.21
4366	2050	7	1	2100	15.62	77.83	210.45	4.96	109.4	35.9	54.64
4367	2050	7	1	2200	15.02	82	210.57	3.97	24.29	18.4	20.89
4368	2050	7	1	2300	14.53	85.15	200.51	3.96	0	14.26	14.26
4369	2050	7	2	0	13.94	87.25	210.57	3.97	0	8.14	8.14
4370	2050	7	2	100	13.44	89.36	220.81	2.98	0	5.32	5.32
4371	2050	7	2	200	12.85	91.48	230.84	2.98	0	11.15	11.15
4372	2050	7	2	300	12.75	87.25	240.84	2.99	0	26.52	26.51
4373	2050	7	2	400	12.65	83.05	240.84	2.99	45.46	45.8	51.62
4374	2050	7	2	500	12.55	78.87	250.82	3	26.63	65.7	71.11
4375	2050	7	2	600	12.95	74.72	240.84	2.99	15.04	58.1	62.47
4376	2050	7	2	700	13.44	70.59	240.84	2.99	21.93	106.4	114.69
4377	2050	7	2	800	13.84	66.48	230.84	2.98	35.98	186.1	203.08
4378	2050	7	2	900	15.12	60.36	240.84	2.99	124.68	218.4	287.34
4379	2050	7	2	1000	16.41	54.29	240.63	3.99	577.23	185.5	544.85
4380	2050	7	2	1100	17.69	48.27	250.61	4	658.07	214.2	657.84
4381	2050	7	2	1200	17.99	47.27	240.63	3.99	481.13	261.5	600.39
4382	2050	7	2	1300	18.39	46.27	220.48	4.97	299.84	296.4	509.7
4383	2050	7	2	1400	18.68	45.28	210.45	4.96	416.96	306.2	595.87
4384	2050	7	2	1500	18.19	46.27	220.61	3.97	401.64	310.9	574.18
4385	2050	7	2	1600	17.79	48.27	240.63	3.99	141.61	230.3	314.66
4386	2050	7	2	1700	17.3	49.27	250.82	3	22.6	118.5	130.26
4387	2050	7	2	1800	17.2	52.27	240.84	2.99	17.3	100.8	108.27
4388	2050	7	2	1900	17.1	55.29	240.84	2.99	14.22	59.3	64.18
4389	2050	7	2	2000	17	58.33	230.84	2.98	14.89	47.1	50.82
4390	2050	7	2	2100	16.21	61.37	220.81	2.98	18.77	38.1	41.28
4391	2050	7	2	2200	15.42	65.45	220.81	2.98	22.15	20.3	22.6
4392	2050	7	2	2300	14.63	68.53	210.76	2.97	0	10.85	10.85
4393	2050	7	3	0	13.94	70.59	210.76	2.97	0	4.22	4.22
4394	2050	7	3	100	13.24	71.62	200.68	2.96	0	3.92	3.92
4395	2050	7	3	200	12.55	73.68	200.68	2.96	0	11.95	11.95
4396	2050	7	3	300	12.75	76.79	200.68	2.96	0	24.51	24.51
4397	2050	7	3	400	12.95	79.91	190.58	2.96	111.17	37.2	51.32
4398	2050	7	3	500	13.14	83.05	190.58	2.96	137.18	68.3	96.01
4399	2050	7	3	600	14.33	76.79	210.76	2.97	250.31	106.2	178.27
4400	2050	7	3	700	15.62	70.59	230.84	2.98	457.44	115.3	288.75
4401	2050	7	3	800	16.8	64.43	250.82	3	622.77	122.7	414.89
4402	2050	7	3	900	17.3	56.3	260.58	4	524.92	166.5	456.17
4403	2050	7	3	1000	17.89	49.27	270.42	5.01	584.11	191.9	554.89
4404	2050	7	3	1100	18.39	41.31	280.31	6.01	634.11	189.5	616.26
4405	2050	7	3	1200	18.58	42.3	280.31	6.01	369.75	229	489.01
4406	2050	7	3	1300	18.88	42.3	290.22	7.01	265.67	228.1	416.8
4407	2050	7	3	1400	19.08	43.29	290.22	7.01	375.87	257.1	517.83
4408	2050	7	3	1500	19.18	43.29	290.25	6.01	533.54	224	573.27
4409	2050	7	3	1600	19.18	43.29	300.19	6.02	403.83	239.6	479.87
4410	2050	7	3	1700	19.28	43.29	300.23	5.02	422.75	189.6	409.26
4411	2050	7	3	1800	18.78	42.3	310.18	4.03	354.39	112.3	265.85
4412	2050	7	3	1900	18.29	41.31	310.18	4.03	226.93	88.5	166.02
4413	2050	7	3	2000	17.79	40.32	320.1	3.03	439.01	68.4	178.87

4414	2050	7	3	2100	15.62	52.27	310.24	3.03	493.9	43.7	127.25
4415	2050	7	3	2200	13.34	63.41	300.56	2.03	336.08	27.6	61.36
4416	2050	7	3	2300	11.17	75.75	290.75	2.03	0	23.4	23.4
4417	2050	7	4	0	9.49	83.05	261.15	2.01	0	5.83	5.83
4418	2050	7	4	100	7.71	89.36	191.78	0.96	0	4.42	4.42
4419	2050	7	4	200	6.02	96.79	160.59	0.95	0	13.16	13.16
4420	2050	7	4	300	8.1	88.31	181.43	0.96	0	42.99	42.99
4421	2050	7	4	400	10.18	80.96	222.45	0.98	245.94	50.6	81.45
4422	2050	7	4	500	12.25	72.65	242.52	1	140.09	86	114.09
4423	2050	7	4	600	13.64	65.45	241.26	2	170.62	102.6	151.45
4424	2050	7	4	700	14.92	58.33	250.82	3	589	88.2	310.54
4425	2050	7	4	800	16.31	51.27	250.61	4	713.17	101.4	434.98
4426	2050	7	4	900	16.51	50.27	260.58	4	687.08	172.3	550.47
4427	2050	7	4	1000	16.8	48.27	270.42	5.01	457.53	272.7	556.3
4428	2050	7	4	1100	17	47.27	280.37	5.01	130.38	262.6	350.11
4429	2050	7	4	1200	17.89	46.27	280.37	5.01	62.86	286.2	330.32
4430	2050	7	4	1300	18.88	46.27	290.3	5.02	261.78	312.9	498.55
4431	2050	7	4	1400	19.77	45.28	290.3	5.02	294.09	284.8	488.51
4432	2050	7	4	1500	20.27	44.28	280.37	5.01	265.04	294.9	468.12
4433	2050	7	4	1600	20.76	43.29	270.42	5.01	207.84	275.7	399.22
4434	2050	7	4	1700	21.25	42.3	260.46	5	160.57	233.4	316.67
4435	2050	7	4	1800	20.46	46.27	270.53	4.01	59.56	118.2	143.92
4436	2050	7	4	1900	19.77	51.27	280.91	2.02	6.52	54.4	56.64
4437	2050	7	4	2000	18.98	55.29	291.47	1.03	9.88	52.8	55.24
4438	2050	7	4	2100	17.89	60.36	301.1	1.04	6.91	37.9	39.07
4439	2050	7	4	2200	16.9	66.48	301.1	1.04	18.24	16.9	18.68
4440	2050	7	4	2300	15.81	71.62	310.71	1.04	0	6.43	6.43
4441	2050	7	5	0	15.32	71.62	310.71	1.04	0	4.22	4.22
4442	2050	7	5	100	14.92	71.62	320.3	1.04	0	3.62	3.62
4443	2050	7	5	200	14.43	71.62	320.3	1.04	0	4.42	4.42
4444	2050	7	5	300	14.43	73.68	301.1	1.04	0	11.45	11.45
4445	2050	7	5	400	14.33	75.75	280.91	2.02	11.27	30.5	31.84
4446	2050	7	5	500	14.33	77.83	261.15	2.01	18.57	58.3	61.97
4447	2050	7	5	600	15.32	72.65	271.05	2.02	107.94	75.8	106.56
4448	2050	7	5	700	16.21	66.48	270.7	3.01	533.84	85.8	286.54
4449	2050	7	5	800	17.2	61.37	280.61	3.02	445.21	155.7	363.27
4450	2050	7	5	900	17.69	61.37	280.61	3.02	187.34	278.5	381.34
4451	2050	7	5	1000	18.09	60.36	290.5	3.02	327.34	297.2	499.65
4452	2050	7	5	1100	18.58	60.36	290.5	3.02	575.42	230.2	615.96
4453	2050	7	5	1200	19.38	57.31	290.38	4.02	288	246.8	448.63
4454	2050	7	5	1300	20.07	54.29	300.28	4.02	92.87	252.8	318.57
4455	2050	7	5	1400	20.86	51.27	300.23	5.02	137.95	260.1	355.43
4456	2050	7	5	1500	21.06	46.27	300.23	5.02	294.87	235.1	427.44
4457	2050	7	5	1600	21.35	40.32	300.23	5.02	508.48	196.4	497.95
4458	2050	7	5	1700	21.55	35.39	300.23	5.02	423.14	151.8	370.8
4459	2050	7	5	1800	20.96	41.31	300.23	5.02	328.92	155.1	296.88
4460	2050	7	5	1900	20.27	47.27	290.3	5.02	169.88	119.2	176.86
4461	2050	7	5	2000	19.67	53.28	290.3	5.02	109.62	76.4	103.75
4462	2050	7	5	2100	18.88	58.33	290.3	5.02	109.5	53.8	72.01
4463	2050	7	5	2200	18.09	64.43	290.38	4.02	122.65	31.5	43.49
4464	2050	7	5	2300	17.3	69.56	290.38	4.02	0	22	21.99
4465	2050	7	6	0	16.41	71.62	290.38	4.02	0	8.94	8.94
4466	2050	7	6	100	15.62	74.72	290.38	4.02	0	7.53	7.53
4467	2050	7	6	200	14.73	76.79	290.38	4.02	0	25.91	25.91
4468	2050	7	6	300	14.92	73.68	300.28	4.02	0	52.73	52.73
4469	2050	7	6	400	15.02	70.59	310.18	4.03	476.45	40.7	98.73
4470	2050	7	6	500	15.22	67.5	320.08	4.03	592.52	46.1	162.6
4471	2050	7	6	600	15.42	65.45	320.08	4.03	683.12	53.2	246.36
4472	2050	7	6	700	15.62	63.41	329.97	4.03	625.74	110.6	344.79
4473	2050	7	6	800	15.81	61.37	329.97	4.03	488.73	179	405.95
4474	2050	7	6	900	16.41	57.31	329.97	4.03	170.55	224.9	318.27
4475	2050	7	6	1000	17	53.28	329.97	5.03	284.59	231.7	407.36
4476	2050	7	6	1100	17.6	49.27	329.97	5.03	509.1	209	549.57
4477	2050	7	6	1200	18.09	46.27	329.97	5.03	621.79	185.7	620.78

4478	2050	7	6	1300	18.49	43.29	339.86	4.03	726.83	136.5	650.3
4479	2050	7	6	1400	18.98	40.32	339.86	4.03	572.2	141.4	536.51
4480	2050	7	6	1500	19.67	38.34	329.97	4.03	533.14	149.4	496.54
4481	2050	7	6	1600	20.27	37.36	320.08	4.03	659.6	123.5	513.92
4482	2050	7	6	1700	20.96	35.39	310.18	4.03	754.32	108	497.45
4483	2050	7	6	1800	20.27	35.39	300.28	4.02	710.03	90.4	395.61
4484	2050	7	6	1900	19.47	36.38	290.5	3.02	274.43	94.9	187.71
4485	2050	7	6	2000	18.78	36.38	280.61	3.02	34.08	69.4	77.84
4486	2050	7	6	2100	18.09	40.32	280.46	4.02	13.88	34.3	36.56
4487	2050	7	6	2200	17.3	44.28	280.46	4.02	7.58	12.4	13.16
4488	2050	7	6	2300	16.61	48.27	280.37	5.01	0	3.92	3.92
4489	2050	7	7	0	15.91	56.3	290.38	4.02	0	0.8	0.8
4490	2050	7	7	100	15.32	63.41	290.5	3.02	0	1.71	1.71
4491	2050	7	7	200	14.63	71.62	300.56	2.03	0	6.93	6.93
4492	2050	7	7	300	14.73	73.68	300.56	2.03	0	26.21	26.21
4493	2050	7	7	400	14.92	74.72	290.5	3.02	354.35	32.8	75.32
4494	2050	7	7	500	15.02	76.79	290.5	3.02	574.51	44.1	155.97
4495	2050	7	7	600	16.01	73.68	290.5	3.02	679.53	54.4	245.26
4496	2050	7	7	700	17	69.56	300.38	3.03	747.1	70	348.2
4497	2050	7	7	800	17.99	66.48	300.38	3.03	504.25	120.7	354.03
4498	2050	7	7	900	18.68	60.36	300.28	4.02	366.05	179.7	379.44
4499	2050	7	7	1000	19.38	54.29	290.38	4.02	402.7	202.1	450.04
4500	2050	7	7	1100	20.07	48.27	290.3	5.02	491.6	205.5	533.7
4501	2050	7	7	1200	20.36	44.28	300.23	5.02	707.5	190.8	684.85
4502	2050	7	7	1300	20.76	40.32	310.12	6.02	814.29	148.5	723.12
4503	2050	7	7	1400	21.06	36.38	320.05	6.02	630.25	155	589.44
4504	2050	7	7	1500	20.86	37.36	310.12	6.02	266.58	224	397.31
4505	2050	7	7	1600	20.66	39.33	300.23	5.02	88.2	217.9	270.06
4506	2050	7	7	1700	20.46	40.32	290.3	5.02	104.56	188.9	242.75
4507	2050	7	7	1800	19.97	41.31	290.38	4.02	128.35	145.6	200.56
4508	2050	7	7	1900	19.47	42.3	300.38	3.03	61.83	96.4	117.21
4509	2050	7	7	2000	18.98	43.29	300.56	2.03	31.9	70.8	78.64
4510	2050	7	7	2100	17.79	45.28	310.36	2.03	27.98	35.6	40.17
4511	2050	7	7	2200	16.61	47.27	329.96	3.03	29.31	12.6	15.37
4512	2050	7	7	2300	15.42	49.27	339.81	3.03	0	7.23	7.23
4513	2050	7	8	0	14.33	53.28	349.68	3.03	0	6.93	6.93
4514	2050	7	8	100	13.14	57.31	359.32	2.03	0	10.85	10.85
4515	2050	7	8	200	12.06	61.37	9.15	2.03	0	10.35	10.34
4516	2050	7	8	300	11.86	62.39	359.32	2.03	0	6.73	6.73
4517	2050	7	8	400	11.56	64.43	359.32	2.03	23.85	17.3	20.09
4518	2050	7	8	500	11.36	65.45	349.52	2.03	121.06	58.7	82.05
4519	2050	7	8	600	11.56	59.34	359.32	2.03	563.14	74.5	231.6
4520	2050	7	8	700	11.86	54.29	9.15	2.03	795.54	63.7	358.45
4521	2050	7	8	800	12.06	48.27	9.15	2.02	861.88	63.9	461.19
4522	2050	7	8	900	12.95	46.27	9.15	2.03	887.66	71.4	554.29
4523	2050	7	8	1000	13.74	44.28	359.55	3.03	877.56	86.7	625.5
4524	2050	7	8	1100	14.63	42.3	349.68	3.03	881.52	100.2	687.36
4525	2050	7	8	1200	14.92	41.31	339.81	3.03	793.13	152.3	704.94
4526	2050	7	8	1300	15.22	40.32	339.81	3.03	713.28	169.6	671.8
4527	2050	7	8	1400	15.52	39.33	329.96	3.03	767.67	142.1	670.09
4528	2050	7	8	1500	16.11	36.38	320.08	4.03	860.08	120	677.92
4529	2050	7	8	1600	16.8	34.41	300.28	4.02	651.5	168.1	552.08
4530	2050	7	8	1700	17.4	31.48	290.3	5.02	672.2	135.6	480.97
4531	2050	7	8	1800	17.2	32.46	300.28	4.02	472.4	119.9	321.69
4532	2050	7	8	1900	16.9	33.43	320.1	3.03	370.11	113.6	237.73
4533	2050	7	8	2000	16.71	34.41	329.94	2.04	431.49	78.4	184.09
4534	2050	7	8	2100	15.52	43.29	320.15	2.04	408.13	42.2	108.27
4535	2050	7	8	2200	14.33	52.27	170.5	1.95	170.09	20	35.75
4536	2050	7	8	2300	13.14	61.37	160.29	1.95	0	7.53	7.53
4537	2050	7	9	0	12.25	67.5	150.07	1.95	0	3.11	3.11
4538	2050	7	9	100	11.36	74.72	150.14	0.95	0	2.81	2.81
4539	2050	7	9	200	10.47	80.96	139.68	0.95	0	3.92	3.92
4540	2050	7	9	300	11.07	80.96	108.42	0.96	0	5.32	5.32
4541	2050	7	9	400	11.56	80.96	327.03	0.04	0	7.23	7.23

4542	2050	7	9	500	12.16	80.96	327.03	0.04	0	20.39	20.39
4543	2050	7	9	600	12.55	84.1	329.87	1.04	8.95	45.8	48.31
4544	2050	7	9	700	12.85	86.2	262.29	1.01	11.16	59.5	63.57
4545	2050	7	9	800	13.24	89.36	231.26	1.99	14.65	92.6	99.33
4546	2050	7	9	900	13.24	90.42	221.22	1.98	17.14	132.1	141.41
4547	2050	7	9	1000	13.34	92.54	222.45	0.98	10.65	99.2	105.76
4548	2050	7	9	1100	13.34	93.6	212.3	0.98	61.3	171.6	212.32
4549	2050	7	9	1200	14.13	85.15	181.43	0.96	159.01	303.2	413.68
4550	2050	7	9	1300	15.02	77.83	150.14	0.95	109.17	302.5	379.13
4551	2050	7	9	1400	15.81	69.56	118.8	0.96	30.94	172.9	194.14
4552	2050	7	9	1500	16.41	67.5	99.06	1.96	64.44	229.8	271.47
4553	2050	7	9	1600	17	65.45	78.83	1.98	103.44	280.4	341.17
4554	2050	7	9	1700	17.6	63.41	59.16	2.99	120.9	230	291.86
4555	2050	7	9	1800	17.3	66.48	79.22	2.97	149.78	186.7	250.48
4556	2050	7	9	1900	17.1	69.56	89.29	2.97	262.49	125	212.62
4557	2050	7	9	2000	16.8	72.65	109.49	2.95	219.67	78.3	131.67
4558	2050	7	9	2100	15.91	75.75	89.29	2.97	82.71	38.1	51.32
4559	2050	7	9	2200	15.02	79.91	78.83	1.98	11.74	16.5	17.58
4560	2050	7	9	2300	14.13	83.05	58.74	1.99	0	6.93	6.93
4561	2050	7	10	0	13.84	86.2	78.83	1.98	0	2.21	2.21
4562	2050	7	10	100	13.54	89.36	88.93	1.97	0	0.6	0.6
4563	2050	7	10	200	13.24	92.54	109.23	1.96	0	1.91	1.91
4564	2050	7	10	300	13.24	90.42	119.41	1.95	0	7.23	7.23
4565	2050	7	10	400	13.34	87.25	129.75	2.95	14.45	22.4	24
4566	2050	7	10	500	13.34	85.15	139.9	2.95	24.95	49.4	54.13
4567	2050	7	10	600	14.23	83.05	139.9	2.95	85.63	90.9	114.39
4568	2050	7	10	700	15.12	80.96	129.75	2.95	154.74	131	187.71
4569	2050	7	10	800	16.01	78.87	129.75	2.95	338.84	162.6	317.47
4570	2050	7	10	900	17.69	73.68	139.9	2.95	591.23	140.9	460.28
4571	2050	7	10	1000	19.38	67.5	139.84	1.95	722.25	123.3	564.13
4572	2050	7	10	1100	21.06	62.39	150.07	1.95	767.81	128.1	636.95
4573	2050	7	10	1200	21.65	60.36	129.62	1.95	708.04	195.8	686.86
4574	2050	7	10	1300	22.24	59.34	89.29	2.97	445.36	241.3	553.49
4575	2050	7	10	1400	22.84	57.31	69.18	2.98	280.56	239.5	431.56
4576	2050	7	10	1500	22.94	57.31	49.17	2.99	222.26	233.4	376.93
4577	2050	7	10	1600	22.94	58.33	29.44	4.01	232.18	236	372.2
4578	2050	7	10	1700	23.03	58.33	9.57	4.02	172	227.1	314.96
4579	2050	7	10	1800	20.76	67.5	9.57	4.02	101.52	172.1	215.13
4580	2050	7	10	1900	18.49	75.75	359.73	5.02	72.83	129.3	153.46
4581	2050	7	10	2000	16.21	85.15	359.73	5.02	57.84	98.7	112.69
4582	2050	7	10	2100	15.32	87.25	359.73	5.02	37.42	49	54.94
4583	2050	7	10	2200	14.33	88.31	349.76	4.03	31.79	17	19.79
4584	2050	7	10	2300	13.44	90.42	349.76	4.03	0	6.43	6.43
4585	2050	7	11	0	12.75	90.42	359.66	4.02	0	1.1	1.1
4586	2050	7	11	100	12.06	89.36	359.66	4.02	0	0	0
4587	2050	7	11	200	11.36	89.36	9.57	4.02	0	3.31	3.31
4588	2050	7	11	300	10.97	89.36	9.57	4.02	0	9.24	9.24
4589	2050	7	11	400	10.47	89.36	19.5	4.01	21.15	16.9	19.28
4590	2050	7	11	500	10.08	89.36	19.5	4.01	24.64	35.3	39.87
4591	2050	7	11	600	10.18	87.25	19.5	4.01	32.75	87.3	96.21
4592	2050	7	11	700	10.18	86.2	9.57	4.02	27.37	104.4	114.39
4593	2050	7	11	800	10.28	84.1	9.57	4.02	22.65	118.6	128.86
4594	2050	7	11	900	10.77	80.96	9.57	4.02	22.09	147.1	158.99
4595	2050	7	11	1000	11.17	76.79	19.5	4.01	22.72	169.2	182.99
4596	2050	7	11	1100	11.66	73.68	19.5	4.01	29.32	225.6	244.96
4597	2050	7	11	1200	12.16	71.62	19.5	4.01	45.81	301.7	333.34
4598	2050	7	11	1300	12.55	70.59	29.25	3.01	59.88	323	364.87
4599	2050	7	11	1400	13.05	68.53	29.25	3.01	130.81	301.5	390.89
4600	2050	7	11	1500	13.44	65.45	39.2	3	266.34	260.6	432.16
4601	2050	7	11	1600	13.74	61.37	59.16	2.99	416.53	213.7	457.27
4602	2050	7	11	1700	14.13	58.33	69.18	2.98	319.54	178.9	341.47
4603	2050	7	11	1800	14.13	58.33	89.29	2.97	135.53	157.9	215.13
4604	2050	7	11	1900	14.23	59.34	109.23	1.96	45.46	125.3	140.31
4605	2050	7	11	2000	14.23	59.34	129.62	1.95	21.49	92.5	97.62

4606	2050	7	11	2100	13.74	63.41	139.84	1.95	10.57	46.1	47.71
4607	2050	7	11	2200	13.14	68.53	139.84	1.95	0	15.67	15.67
4608	2050	7	11	2300	12.65	72.65	150.07	1.95	0	4.22	4.22
4609	2050	7	12	0	12.25	77.83	160.29	1.95	0	0.6	0.6
4610	2050	7	12	100	11.76	84.1	170.5	1.95	0	1.71	1.71
4611	2050	7	12	200	11.36	89.36	180.7	1.96	0	13.16	13.16
4612	2050	7	12	300	11.56	89.36	211.14	1.97	0	35.96	35.96
4613	2050	7	12	400	11.86	88.31	260.77	3.01	59.09	50.5	56.95
4614	2050	7	12	500	12.06	88.31	290.5	3.02	116.9	75.3	96.82
4615	2050	7	12	600	12.75	83.05	300.38	3.03	419.39	89.8	203.08
4616	2050	7	12	700	13.54	76.79	320.1	3.03	609.63	87.6	308.23
4617	2050	7	12	800	14.23	71.62	329.96	3.03	484.67	129.3	348.7
4618	2050	7	12	900	14.43	66.48	339.81	3.03	248.38	169.9	303.01
4619	2050	7	12	1000	14.63	61.37	339.81	3.03	77.12	192	238.83
4620	2050	7	12	1100	14.83	56.3	349.68	3.03	149.46	182.1	280.61
4621	2050	7	12	1200	15.02	53.28	359.55	3.03	94.89	263.7	329.22
4622	2050	7	12	1300	15.12	51.27	9.15	2.03	82.15	317.6	374.92
4623	2050	7	12	1400	15.32	48.27	19	2.02	189.64	312.4	441.6
4624	2050	7	12	1500	15.91	47.27	38.8	2.01	247.07	276.3	434.98
4625	2050	7	12	1600	16.41	47.27	68.76	1.98	480.55	245.4	525.57
4626	2050	7	12	1700	17	46.27	88.93	1.97	497.26	183.3	435.48
4627	2050	7	12	1800	16.9	48.27	99.06	1.96	307.59	167	296.28
4628	2050	7	12	1900	16.8	49.27	109.23	1.96	296.49	126.5	223.76
4629	2050	7	12	2000	16.71	51.27	119.41	1.95	154.96	91	127.75
4630	2050	7	12	2100	16.01	55.29	129.62	1.95	64.04	47.6	57.45
4631	2050	7	12	2200	15.22	60.36	129.75	2.95	0	23.4	23.4
4632	2050	7	12	2300	14.53	64.43	139.9	2.95	0	8.64	8.64
4633	2050	7	13	0	13.94	69.56	139.9	2.95	0	3.31	3.31
4634	2050	7	13	100	13.44	73.68	150.04	2.95	0	2.21	2.21
4635	2050	7	13	200	12.85	78.87	150.04	2.95	0	5.83	5.83
4636	2050	7	13	300	12.95	80.96	150.04	2.95	0	18.68	18.68
4637	2050	7	13	400	13.14	82	150.07	1.95	84.99	32.2	41.28
4638	2050	7	13	500	13.24	84.1	150.07	1.95	459.26	47.6	130.86
4639	2050	7	13	600	14.73	80.96	160.29	1.95	415.73	123	234.31
4640	2050	7	13	700	16.21	78.87	160.19	2.95	281.92	195.7	297.08
4641	2050	7	13	800	17.69	75.75	170.33	2.95	272.89	174.5	297.38
4642	2050	7	13	900	18.29	71.62	170.25	3.95	550.62	147.5	441.6
4643	2050	7	13	1000	18.98	67.5	160.14	3.94	612.6	167.8	538.12
4644	2050	7	13	1100	19.57	63.41	160.11	4.94	458.34	214.3	515.52
4645	2050	7	13	1200	20.46	56.3	170.2	4.94	571.03	193.7	586.73
4646	2050	7	13	1300	21.35	48.27	180.28	4.95	510.49	215.8	571.06
4647	2050	7	13	1400	22.24	41.31	190.35	4.95	539.09	221.1	587.53
4648	2050	7	13	1500	22.14	41.31	200.41	4.96	541.4	193.8	540.63
4649	2050	7	13	1600	22.05	42.3	200.51	3.96	445.29	177.3	436.08
4650	2050	7	13	1700	21.95	42.3	210.57	3.97	345.39	158.3	332.84
4651	2050	7	13	1800	21.45	45.28	210.57	3.97	255.38	149	255.8
4652	2050	7	13	1900	20.86	47.27	200.68	2.96	102.86	112.7	146.23
4653	2050	7	13	2000	20.36	50.27	200.68	2.96	26.21	68.9	75.02
4654	2050	7	13	2100	19.18	62.39	190.58	2.96	7.81	27.8	29.03
4655	2050	7	13	2200	18.09	74.72	170.5	1.95	0	8.34	8.34
4656	2050	7	13	2300	16.9	87.25	160.29	1.95	0	1.71	1.71
4657	2050	7	14	0	16.51	89.36	160.29	1.95	0	0	0
4658	2050	7	14	100	16.01	91.48	160.19	2.95	0	0	0
4659	2050	7	14	200	15.62	93.6	160.19	2.95	0	0	0
4660	2050	7	14	300	15.42	92.54	150.04	2.95	0	4.72	4.72
4661	2050	7	14	400	15.32	90.42	150.03	3.94	9.84	18.3	19.28
4662	2050	7	14	500	15.12	89.36	139.92	3.94	11.89	30.5	32.64
4663	2050	7	14	600	15.02	91.48	139.92	3.94	12.73	41.2	44.59
4664	2050	7	14	700	14.92	93.6	150.03	4.94	10.3	45.9	49.61
4665	2050	7	14	800	14.83	95.73	150.03	4.94	12.67	74.3	80.05
4666	2050	7	14	900	15.12	93.6	150.03	4.94	11	79.2	85.07
4667	2050	7	14	1000	15.52	91.48	160.14	3.94	8.89	75.8	81.15
4668	2050	7	14	1100	15.81	89.36	160.14	3.94	6.85	62.7	67.19
4669	2050	7	14	1200	16.11	88.31	160.14	3.94	7.16	67.1	72.01

4670	2050	7	14	1300	16.31	88.31	160.14	3.94	12.73	122.5	131.37
4671	2050	7	14	1400	16.61	87.25	160.14	3.94	33.26	233.9	256.41
4672	2050	7	14	1500	17.4	80.96	160.14	3.94	24.68	171.9	187.71
4673	2050	7	14	1600	18.09	75.75	150.03	4.94	47.06	152.1	179.37
4674	2050	7	14	1700	18.88	69.56	150.03	4.94	263.4	211.7	344.28
4675	2050	7	14	1800	18.78	71.62	150.03	3.94	245.11	165.6	267.55
4676	2050	7	14	1900	18.58	73.68	139.9	2.95	77.38	91.8	116.9
4677	2050	7	14	2000	18.49	75.75	139.84	1.95	16.17	47.1	50.82
4678	2050	7	14	2100	17.89	78.87	139.84	1.95	15.72	32.5	34.85
4679	2050	7	14	2200	17.4	83.05	139.84	1.95	0	20.39	20.39
4680	2050	7	14	2300	16.8	86.2	139.84	1.95	0	7.23	7.23
4681	2050	7	15	0	16.21	87.25	139.84	1.95	0	1.1	1.1
4682	2050	7	15	100	15.72	89.36	150.07	1.95	0	0	0
4683	2050	7	15	200	15.12	90.42	150.07	1.95	0	3.31	3.31
4684	2050	7	15	300	15.32	89.36	150.07	1.95	0	11.95	11.95
4685	2050	7	15	400	15.42	89.36	150.07	1.95	234.5	27.1	50.82
4686	2050	7	15	500	15.62	88.31	150.07	1.95	425.37	48.5	123.33
4687	2050	7	15	600	16.8	83.05	150.07	1.95	533.47	68	208.1
4688	2050	7	15	700	17.99	78.87	160.29	1.95	622.91	79.7	300.7
4689	2050	7	15	800	19.18	73.68	160.29	1.95	695.22	89.3	399.22
4690	2050	7	15	900	19.97	67.5	139.84	1.95	723.83	104.3	487.7
4691	2050	7	15	1000	20.76	61.37	109.49	2.95	672.27	126.6	530.09
4692	2050	7	15	1100	21.55	55.29	89.29	2.97	477.97	174.8	486.8
4693	2050	7	15	1200	21.65	55.29	89.29	2.97	315.01	192.9	408.46
4694	2050	7	15	1300	21.85	56.3	78.83	1.98	260.48	274.5	454.76
4695	2050	7	15	1400	21.95	56.3	78.83	1.98	113.12	234.9	311.34
4696	2050	7	15	1500	21.95	58.33	78.83	1.98	91.02	206.8	264.74
4697	2050	7	15	1600	21.95	60.36	77.63	0.98	180.18	236.3	340.37
4698	2050	7	15	1700	21.95	62.39	77.63	0.98	89.89	182.7	227.68
4699	2050	7	15	1800	20.76	71.62	98.09	0.97	11.36	67.3	72.01
4700	2050	7	15	1900	19.47	80.96	109.23	1.96	19.13	68.9	75.02
4701	2050	7	15	2000	18.29	90.42	129.62	1.95	81.57	68.8	87.58
4702	2050	7	15	2100	17.6	92.54	109.23	1.96	46.37	29.1	35.96
4703	2050	7	15	2200	16.9	93.6	78.83	1.98	0	11.95	11.95
4704	2050	7	15	2300	16.21	95.73	58.74	1.99	0	5.62	5.62
4705	2050	7	16	0	16.11	94.66	58.74	1.99	0	0.8	0.8
4706	2050	7	16	100	15.91	94.66	57.47	1	0	0	0
4707	2050	7	16	200	15.81	93.6	57.47	1	0	1.1	1.1
4708	2050	7	16	300	15.91	91.48	67.51	0.99	0	13.36	13.36
4709	2050	7	16	400	16.11	89.36	68.76	1.98	21.54	30.5	32.64
4710	2050	7	16	500	16.21	87.25	78.83	1.98	19.95	53.7	57.15
4711	2050	7	16	600	17.1	80.96	78.83	1.98	44.59	94.2	105.76
4712	2050	7	16	700	17.89	74.72	79.22	2.97	78.69	156.4	184.09
4713	2050	7	16	800	18.78	68.53	79.22	2.97	75.02	211.4	244.65
4714	2050	7	16	900	19.87	61.37	89.47	3.96	261.79	233.6	371.6
4715	2050	7	16	1000	20.86	55.29	89.47	3.96	477.52	222.2	507.79
4716	2050	7	16	1100	21.95	48.27	99.63	4.95	695.01	172.9	625.2
4717	2050	7	16	1200	22.34	46.27	99.63	4.95	588.91	176.6	578.29
4718	2050	7	16	1300	22.64	44.28	89.47	3.96	320.11	189.9	410.67
4719	2050	7	16	1400	23.03	42.3	89.47	3.96	315.68	153.6	366.28
4720	2050	7	16	1500	23.23	39.33	89.29	2.97	308.64	142.5	338.36
4721	2050	7	16	1600	23.33	35.39	89.29	2.97	444.11	126	381.34
4722	2050	7	16	1700	23.53	32.46	88.93	1.97	434.43	116.5	333.34
4723	2050	7	16	1800	23.23	38.34	109.23	1.96	562.73	100.5	332.23
4724	2050	7	16	1900	23.03	44.28	231.26	1.99	610.89	73.6	268.66
4725	2050	7	16	2000	22.74	50.27	251.22	2	515.24	56.5	174.05
4726	2050	7	16	2100	21.06	59.34	231.26	1.99	355.11	48	99.33
4727	2050	7	16	2200	19.28	68.53	221.22	1.98	0	39.57	39.57
4728	2050	7	16	2300	17.6	77.83	201.02	1.97	0	8.34	8.34
4729	2050	7	17	0	16.21	83.05	222.45	0.98	0	0.6	0.6
4730	2050	7	17	100	14.83	88.31	339.46	1.04	0	1.91	1.91
4731	2050	7	17	200	13.44	93.6	327.03	0.04	0	4.72	4.72
4732	2050	7	17	300	14.63	88.31	327.03	0.04	0	18.18	18.18
4733	2050	7	17	400	15.72	84.1	67.51	0.99	210.4	45.2	65.28

4734	2050	7	17	500	16.9	78.87	98.09	0.97	160.73	82.8	110.18
4735	2050	7	17	600	17.89	70.59	109.23	1.96	51.13	100.6	113.79
4736	2050	7	17	700	18.78	61.37	129.62	1.95	47.11	143.9	160.39
4737	2050	7	17	800	19.77	53.28	139.9	2.95	57.47	182.5	207.8
4738	2050	7	17	900	20.96	48.27	150.04	2.95	82.5	220	263.34
4739	2050	7	17	1000	22.05	44.28	150.03	3.94	389.86	266	498.25
4740	2050	7	17	1100	23.23	39.33	160.14	3.94	718.65	178.1	644.18
4741	2050	7	17	1200	23.03	43.29	160.19	2.95	404.35	214.1	489.01
4742	2050	7	17	1300	22.74	48.27	150.04	2.95	94.92	251.9	317.17
4743	2050	7	17	1400	22.54	52.27	150.07	1.95	39.31	265.7	292.06
4744	2050	7	17	1500	21.16	64.43	180.7	1.96	199.52	266.1	392.29
4745	2050	7	17	1600	19.67	75.75	261.15	2.01	188.52	181.9	289.85
4746	2050	7	17	1700	18.29	88.31	290.75	2.03	79.3	130.5	169.93
4747	2050	7	17	1800	18.29	85.15	261.15	2.01	52.28	126.2	147.54
4748	2050	7	17	1900	18.29	82	222.45	0.98	52.64	94.9	111.58
4749	2050	7	17	2000	18.29	78.87	191.78	0.96	26.23	52.4	58.35
4750	2050	7	17	2100	17.79	84.1	222.45	0.98	1.51	26.3	26.51
4751	2050	7	17	2200	17.3	89.36	291.47	1.03	0	11.75	11.75
4752	2050	7	17	2300	16.8	94.66	320.3	1.04	0	2.51	2.51
4753	2050	7	18	0	16.51	94.66	329.87	1.04	0	0	0
4754	2050	7	18	100	16.21	94.66	119.41	1.95	0	0	0
4755	2050	7	18	200	15.91	94.66	129.62	1.95	0	1.91	1.91
4756	2050	7	18	300	15.81	94.66	98.09	0.97	0	13.36	13.36
4757	2050	7	18	400	15.81	95.73	27.79	1.02	40.96	27.4	31.23
4758	2050	7	18	500	15.72	95.73	327.03	0.04	14.12	40.9	43.29
4759	2050	7	18	600	16.31	87.25	18.04	1.02	20.43	66.5	71.71
4760	2050	7	18	700	17	78.87	129.62	1.95	28.01	110.2	119.92
4761	2050	7	18	800	17.6	70.59	150.04	2.95	30.39	156.3	169.63
4762	2050	7	18	900	18.09	66.48	129.75	2.95	23.6	178.5	190.82
4763	2050	7	18	1000	18.68	61.37	109.49	2.95	25.8	214.9	230.19
4764	2050	7	18	1100	19.18	57.31	89.29	2.97	116.41	251.5	326.71
4765	2050	7	18	1200	20.17	52.27	89.29	2.97	125.22	289.3	374.11
4766	2050	7	18	1300	21.06	48.27	89.29	2.97	184.66	321.2	447.73
4767	2050	7	18	1400	22.05	43.29	89.29	2.97	259.1	300.5	473.94
4768	2050	7	18	1500	22.24	42.3	109.49	2.95	293.55	253.6	438.59
4769	2050	7	18	1600	22.44	40.32	119.41	1.95	260.73	232.6	381.34
4770	2050	7	18	1700	22.64	39.33	139.84	1.95	118.75	207.1	265.85
4771	2050	7	18	1800	22.34	43.29	108.42	0.96	37.05	147.6	162.6
4772	2050	7	18	1900	22.05	47.27	27.79	1.02	19.6	101.8	107.97
4773	2050	7	18	2000	21.75	51.27	327.03	0.04	17.48	66.4	70.3
4774	2050	7	18	2100	20.07	63.41	349.05	1.04	24.82	38.9	42.38
4775	2050	7	18	2200	18.39	74.72	349.05	1.04	0	21.49	21.49
4776	2050	7	18	2300	16.71	87.25	339.72	2.04	0	6.93	6.93
4777	2050	7	19	0	16.01	88.31	9.15	2.03	0	0.8	0.8
4778	2050	7	19	100	15.22	89.36	77.63	0.98	0	0	0
4779	2050	7	19	200	14.53	90.42	108.42	0.96	0	1.1	1.1
4780	2050	7	19	300	14.73	86.2	77.63	0.98	0	13.96	13.96
4781	2050	7	19	400	15.02	80.96	37.62	1.01	320.62	25	53.83
4782	2050	7	19	500	15.22	76.79	8.33	1.03	481.54	38.7	118.01
4783	2050	7	19	600	16.51	70.59	8.33	1.03	525.58	50.5	182.69
4784	2050	7	19	700	17.69	64.43	19	2.02	667.72	62.6	292.36
4785	2050	7	19	800	18.98	58.33	19	2.02	764.67	71.5	404.54
4786	2050	7	19	900	19.97	55.29	19.33	3.02	798.35	77.6	492.42
4787	2050	7	19	1000	20.86	52.27	9.43	3.02	838.55	77.4	572.77
4788	2050	7	19	1100	21.85	49.27	9.57	4.02	843.17	84.1	626.9
4789	2050	7	19	1200	21.95	49.27	9.66	5.01	659.87	135.5	581.11
4790	2050	7	19	1300	21.95	48.27	9.66	5.01	618.99	183.5	606.52
4791	2050	7	19	1400	22.05	48.27	9.71	6.01	733.73	139.9	629.41
4792	2050	7	19	1500	21.85	49.27	19.67	6.01	808.13	98.3	605.71
4793	2050	7	19	1600	21.65	50.27	19.6	5.01	801.21	91.4	546.56
4794	2050	7	19	1700	21.45	51.27	29.55	5	761.46	81.8	456.37
4795	2050	7	19	1800	20.46	53.28	29.55	5	713.69	70.5	359.05
4796	2050	7	19	1900	19.38	56.3	19.5	4.01	638.26	61.5	260.32
4797	2050	7	19	2000	18.39	58.33	19.5	4.01	537.37	50.8	169.03

4798	2050	7	19	2100	16.8	64.43	19.5	4.01	419.26	44.2	101.24
4799	2050	7	19	2200	15.22	70.59	29.44	4.01	0	51.93	51.92
4800	2050	7	19	2300	13.64	76.79	29.44	4.01	0	18.98	18.98
4801	2050	7	20	0	12.85	80.96	29.44	4.01	0	3.31	3.31
4802	2050	7	20	100	11.96	85.15	19.33	3.02	0	0	0
4803	2050	7	20	200	11.17	89.36	19.33	3.02	0	3.62	3.62
4804	2050	7	20	300	11.27	88.31	19.33	3.02	0	18.38	18.38
4805	2050	7	20	400	11.27	87.25	19.33	3.02	0	53.03	53.03
4806	2050	7	20	500	11.36	86.2	19.33	3.02	80.78	71.2	84.26
4807	2050	7	20	600	11.76	85.15	19.33	3.02	31.59	71.1	78.94
4808	2050	7	20	700	12.06	85.15	29.25	3.01	18.6	71.8	78.14
4809	2050	7	20	800	12.45	84.1	29.25	3.01	21.54	113.1	122.43
4810	2050	7	20	900	13.74	79.91	39.2	3	54.75	213.1	241.34
4811	2050	7	20	1000	15.12	74.72	49.17	2.99	150.7	261	349.61
4812	2050	7	20	1100	16.41	70.59	59.16	2.99	108.75	274	343.68
4813	2050	7	20	1200	16.8	70.59	49.17	2.99	118.2	320.3	399.82
4814	2050	7	20	1300	17.2	71.62	29.44	4.01	123.6	320.1	404.24
4815	2050	7	20	1400	17.6	71.62	19.5	4.01	137.69	317	408.46
4816	2050	7	20	1500	17.69	68.53	19.5	4.01	86.8	259.9	314.15
4817	2050	7	20	1600	17.69	64.43	19.33	3.02	92.43	248.2	300.5
4818	2050	7	20	1700	17.79	61.37	19.33	3.02	54.44	157.2	183.89
4819	2050	7	20	1800	16.71	70.59	29.25	3.01	18.85	88.9	96.52
4820	2050	7	20	1900	15.62	78.87	39.2	3	14.74	54.6	59.16
4821	2050	7	20	2000	14.53	88.31	49.17	2.99	15.45	23.7	27.02
4822	2050	7	20	2100	14.43	87.25	49.17	2.99	25.1	18.2	21.49
4823	2050	7	20	2200	14.33	86.2	39.2	3	0	15.87	15.87
4824	2050	7	20	2300	14.23	85.15	39.2	3	0	4.22	4.22
4825	2050	7	21	0	13.84	86.2	39.2	3	0	0	0
4826	2050	7	21	100	13.54	87.25	39.4	4	0	0	0
4827	2050	7	21	200	13.14	88.31	39.4	4	0	0	0
4828	2050	7	21	300	12.85	87.25	29.44	4.01	0	4.72	4.72
4829	2050	7	21	400	12.55	87.25	29.55	5	0	15.67	15.67
4830	2050	7	21	500	12.25	86.2	19.6	5.01	25.41	29.2	33.24
4831	2050	7	21	600	12.45	86.2	19.6	5.01	20.39	39.4	44.39
4832	2050	7	21	700	12.65	85.15	9.57	4.02	17.52	57.6	63.57
4833	2050	7	21	800	12.85	85.15	9.57	4.02	17.87	88.3	96.01
4834	2050	7	21	900	13.34	83.05	9.57	4.02	13.6	74.5	81.45
4835	2050	7	21	1000	13.74	80.96	9.43	3.02	21.35	155.1	167.62
4836	2050	7	21	1100	14.23	78.87	9.43	3.02	16.46	129	139.5
4837	2050	7	21	1200	14.63	76.79	9.43	3.02	16.14	117	127.75
4838	2050	7	21	1300	14.92	74.72	9.57	4.02	20.35	148.6	162.4
4839	2050	7	21	1400	15.32	72.65	9.57	4.02	26.05	185.9	203.08
4840	2050	7	21	1500	15.22	73.68	9.57	4.02	22.13	161.4	175.16
4841	2050	7	21	1600	15.02	75.75	9.57	4.02	23.99	164.8	178.27
4842	2050	7	21	1700	14.92	76.79	9.57	4.02	24.87	140.4	152.56
4843	2050	7	21	1800	14.43	79.91	9.57	4.02	19.32	85.2	92.9
4844	2050	7	21	1900	14.03	83.05	359.66	4.02	18.26	54.4	59.96
4845	2050	7	21	2000	13.54	86.2	359.66	4.02	17.11	25.7	29.33
4846	2050	7	21	2100	13.14	87.25	359.66	4.02	5.63	12.4	13.16
4847	2050	7	21	2200	12.65	89.36	359.66	4.02	0	6.93	6.93
4848	2050	7	21	2300	12.25	90.42	359.66	4.02	0	1.71	1.71
4849	2050	7	22	0	11.86	92.54	349.76	4.03	0	0	0
4850	2050	7	22	100	11.46	94.66	349.68	3.03	0	0	0
4851	2050	7	22	200	11.07	96.79	339.81	3.03	0	0	0
4852	2050	7	22	300	10.97	96.79	339.81	3.03	0	1.91	1.91
4853	2050	7	22	400	10.87	96.79	349.76	4.03	0	10.04	10.04
4854	2050	7	22	500	10.77	96.79	349.76	4.03	13.15	24.2	26.21
4855	2050	7	22	600	10.97	95.73	349.76	4.03	11.02	31.1	33.75
4856	2050	7	22	700	11.07	95.73	349.68	3.03	10.5	42.5	46
4857	2050	7	22	800	11.27	94.66	349.68	3.03	11.02	55.6	60.26
4858	2050	7	22	900	11.86	94.66	349.68	3.03	12.43	79.6	85.97
4859	2050	7	22	1000	12.55	93.6	359.32	2.03	10.45	80.7	86.77
4860	2050	7	22	1100	13.14	93.6	359.32	2.03	16.02	137.7	147.84
4861	2050	7	22	1200	13.64	92.54	349.52	2.03	17.52	143.2	154.87

4862	2050	7	22	1300	14.13	90.42	349.68	3.03	14.25	121.7	131.37
4863	2050	7	22	1400	14.63	89.36	339.81	3.03	20.47	164.1	177.67
4864	2050	7	22	1500	15.42	89.36	349.68	3.03	56.72	223.1	258.31
4865	2050	7	22	1600	16.11	90.42	349.68	3.03	124.99	249.1	319.18
4866	2050	7	22	1700	16.9	90.42	359.55	3.03	88.02	191.7	234.31
4867	2050	7	22	1800	16.51	91.48	359.55	3.03	27.64	82.6	93.5
4868	2050	7	22	1900	16.01	92.54	359.32	2.03	22.57	46.5	53.33
4869	2050	7	22	2000	15.62	93.6	359.32	2.03	25.89	42.8	48.31
4870	2050	7	22	2100	15.22	93.6	359.32	2.03	25.2	23	26.21
4871	2050	7	22	2200	14.83	93.6	349.68	3.03	0	9.44	9.44
4872	2050	7	22	2300	14.43	93.6	349.68	3.03	0	1.91	1.91
4873	2050	7	23	0	14.33	93.6	349.68	3.03	0	0	0
4874	2050	7	23	100	14.13	93.6	339.72	2.04	0	0	0
4875	2050	7	23	200	14.03	93.6	339.72	2.04	0	0	0
4876	2050	7	23	300	14.23	93.6	349.52	2.03	0	1.91	1.91
4877	2050	7	23	400	14.33	93.6	349.52	2.03	0	8.94	8.94
4878	2050	7	23	500	14.53	93.6	359.32	2.03	20.56	16.2	19.28
4879	2050	7	23	600	14.33	93.6	28.89	2.01	11.78	17.6	20.39
4880	2050	7	23	700	14.23	94.66	69.18	2.98	10.21	34.9	38.27
4881	2050	7	23	800	14.03	94.66	99.38	2.96	10.72	46	50.52
4882	2050	7	23	900	14.03	93.6	69.18	2.98	10.84	56.2	61.67
4883	2050	7	23	1000	14.03	91.48	29.25	3.01	13.04	90.1	97.62
4884	2050	7	23	1100	14.03	90.42	359.55	3.03	12.63	98.2	106.26
4885	2050	7	23	1200	14.33	89.36	359.55	3.03	11.66	91.9	99.63
4886	2050	7	23	1300	14.73	87.25	359.55	3.03	10.65	77.4	84.56
4887	2050	7	23	1400	15.02	86.2	359.55	3.03	11.6	82	89.59
4888	2050	7	23	1500	15.32	84.1	359.55	3.03	13.22	93.1	101.24
4889	2050	7	23	1600	15.72	83.05	9.15	2.03	12.37	78.2	85.07
4890	2050	7	23	1700	16.01	80.96	9.15	2.03	11.37	57.6	63.07
4891	2050	7	23	1800	15.91	79.91	9.43	3.02	15.98	64	70.3
4892	2050	7	23	1900	15.91	77.83	19.33	3.02	18.22	57.9	63.37
4893	2050	7	23	2000	15.81	76.79	19.5	4.01	25.03	48.6	53.83
4894	2050	7	23	2100	14.83	76.79	19.5	4.01	29.57	23.4	27.02
4895	2050	7	23	2200	13.94	75.75	29.55	5	0	7.83	7.83
4896	2050	7	23	2300	12.95	75.75	29.55	5	0	3.31	3.31
4897	2050	7	24	0	12.16	76.79	39.4	4	0	0.8	0.8
4898	2050	7	24	100	11.27	77.83	49.37	3.99	0	0	0
4899	2050	7	24	200	10.47	78.87	59.16	2.99	0	1.91	1.91
4900	2050	7	24	300	10.18	79.91	59.16	2.99	0	6.43	6.43
4901	2050	7	24	400	9.98	79.91	49.37	3.99	0	12.25	12.25
4902	2050	7	24	500	9.68	80.96	49.37	3.99	24.23	24.8	28.42
4903	2050	7	24	600	9.98	76.79	39.4	4	21.64	51.2	56.34
4904	2050	7	24	700	10.38	72.65	39.4	4	45.92	113.6	128.65
4905	2050	7	24	800	10.67	68.53	29.44	4.01	301.42	163.6	290.45
4906	2050	7	24	900	11.76	63.41	29.44	4.01	614.99	137.9	448.84
4907	2050	7	24	1000	12.75	59.34	29.55	5	784.61	115.2	568.05
4908	2050	7	24	1100	13.84	54.29	29.55	5	839.46	112.6	641.97
4909	2050	7	24	1200	14.63	51.27	29.55	5	814.37	121.7	661.15
4910	2050	7	24	1300	15.42	47.27	19.5	4.01	836.7	112.2	673.2
4911	2050	7	24	1400	16.21	44.28	19.5	4.01	849.8	115.8	671.8
4912	2050	7	24	1500	16.01	43.29	19.5	4.01	697.12	150	578.59
4913	2050	7	24	1600	15.81	43.29	29.44	4.01	699.81	132.3	520.54
4914	2050	7	24	1700	15.62	42.3	29.44	4.01	640.35	114	420.11
4915	2050	7	24	1800	14.92	48.27	29.44	4.01	354.66	107.2	245.46
4916	2050	7	24	1900	14.13	53.28	29.25	3.01	231.93	89.1	157.88
4917	2050	7	24	2000	13.44	59.34	29.25	3.01	117.18	54.2	78.14
4918	2050	7	24	2100	13.05	66.48	29.25	3.01	24.95	20.4	23.4
4919	2050	7	24	2200	12.55	72.65	29.44	4.01	0	8.94	8.94
4920	2050	7	24	2300	12.16	79.91	29.44	4.01	0	2.21	2.21
4921	2050	7	25	0	11.66	82	29.25	3.01	0	0	0
4922	2050	7	25	100	11.07	83.05	19.33	3.02	0	0	0
4923	2050	7	25	200	10.57	85.15	19	2.02	0	0	0
4924	2050	7	25	300	10.57	84.1	9.15	2.03	0	3.62	3.62
4925	2050	7	25	400	10.57	84.1	9.43	3.02	0	15.37	15.37

4926	2050	7	25	500	10.57	83.05	359.55	3.03	134.8	39.9	59.46
4927	2050	7	25	600	11.17	78.87	9.43	3.02	206.92	101.9	150.05
4928	2050	7	25	700	11.66	73.68	29.25	3.01	174.34	168.9	225.67
4929	2050	7	25	800	12.25	69.56	39.2	3	251.43	259.7	364.67
4930	2050	7	25	900	12.55	69.56	39.2	3	153.85	250.2	327.51
4931	2050	7	25	1000	12.75	68.53	29.44	4.01	95.93	263.5	318.57
4932	2050	7	25	1100	13.05	68.53	29.44	4.01	87.82	264	319.18
4933	2050	7	25	1200	13.64	64.43	29.44	4.01	78.31	326.4	378.03
4934	2050	7	25	1300	14.33	61.37	39.4	4	57.42	329.7	367.99
4935	2050	7	25	1400	14.92	57.31	39.4	4	107.72	304.5	374.72
4936	2050	7	25	1500	14.92	58.33	49.37	3.99	125.07	282.8	359.35
4937	2050	7	25	1600	14.92	58.33	49.37	3.99	120.89	233.8	300.5
4938	2050	7	25	1700	14.92	59.34	59.37	3.98	55.22	138.7	164.91
4939	2050	7	25	1800	14.03	67.5	59.16	2.99	14.94	86.5	92.3
4940	2050	7	25	1900	13.14	76.79	49.17	2.99	9.59	50.2	53.03
4941	2050	7	25	2000	12.25	85.15	48.75	2	11.56	33.1	35.45
4942	2050	7	25	2100	12.06	86.2	38.8	2.01	2.53	14.8	15.06
4943	2050	7	25	2200	11.76	86.2	27.79	1.02	0	3.62	3.62
4944	2050	7	25	2300	11.56	87.25	18.04	1.02	0	0.8	0.8
4945	2050	7	26	0	11.46	87.25	27.79	1.02	0	0	0
4946	2050	7	26	100	11.27	87.25	37.62	1.01	0	0	0
4947	2050	7	26	200	11.17	87.25	47.51	1	0	0	0
4948	2050	7	26	300	11.07	86.2	47.51	1	0	1.91	1.91
4949	2050	7	26	400	10.87	86.2	58.74	1.99	0	13.96	13.96
4950	2050	7	26	500	10.77	85.15	58.74	1.99	155.01	52.6	74.52
4951	2050	7	26	600	10.87	84.1	58.74	1.99	96.09	82.3	104.35
4952	2050	7	26	700	11.07	84.1	58.74	1.99	77.6	85.2	110.18
4953	2050	7	26	800	11.17	83.05	58.74	1.99	40.41	126.4	143.12
4954	2050	7	26	900	12.25	76.79	78.83	1.98	25.34	174.3	186.91
4955	2050	7	26	1000	13.34	71.62	191.78	0.96	27.45	212.5	228.18
4956	2050	7	26	1100	14.43	65.45	212.3	0.98	94.54	317.3	376.32
4957	2050	7	26	1200	15.32	60.36	181.43	0.96	157.48	358.9	462.29
4958	2050	7	26	1300	16.11	54.29	129.23	0.95	185.52	365.7	489.01
4959	2050	7	26	1400	17	49.27	98.09	0.97	239.69	346.5	501.86
4960	2050	7	26	1500	17.79	46.27	129.23	0.95	323.17	286.3	483.18
4961	2050	7	26	1600	18.68	44.28	160.29	1.95	361.92	217.6	416.19
4962	2050	7	26	1700	19.47	41.31	190.88	1.96	454	141.7	355.93
4963	2050	7	26	1800	19.08	41.31	190.88	1.96	635.64	74.9	318.57
4964	2050	7	26	1900	18.58	42.3	202.07	0.97	656.3	47.7	237.93
4965	2050	7	26	2000	18.19	42.3	202.07	0.97	529.94	36.8	141.41
4966	2050	7	26	2100	15.72	58.33	191.78	0.96	371.86	23.9	65.88
4967	2050	7	26	2200	13.14	73.68	180.7	1.96	0	19.28	19.28
4968	2050	7	26	2300	10.67	90.42	170.5	1.95	0	2.51	2.51
4969	2050	7	27	0	9.29	92.54	160.29	1.95	0	0	0
4970	2050	7	27	100	7.8	93.6	150.14	0.95	0	0	0
4971	2050	7	27	200	6.42	95.73	139.68	0.95	0	0	0
4972	2050	7	27	300	7.11	94.66	129.23	0.95	0	7.23	7.23
4973	2050	7	27	400	7.9	92.54	129.23	0.95	0	38.77	38.77
4974	2050	7	27	500	8.6	91.48	118.8	0.96	507.37	29.8	99.83
4975	2050	7	27	600	11.46	82	129.23	0.95	617.37	44.7	183.89
4976	2050	7	27	700	14.43	73.68	150.07	1.95	699.02	55.5	278.4
4977	2050	7	27	800	17.3	64.43	160.29	1.95	752.11	66.7	376.02
4978	2050	7	27	900	18.58	58.33	180.7	1.96	781.1	88	475.65
4979	2050	7	27	1000	19.97	51.27	211.14	1.97	657.27	141.3	514.72
4980	2050	7	27	1100	21.25	45.28	231.26	1.99	528.47	164.2	492.72
4981	2050	7	27	1200	20.56	52.27	211.14	1.97	276.15	185.5	365.98
4982	2050	7	27	1300	19.77	58.33	190.88	1.96	193.92	176.6	304.91
4983	2050	7	27	1400	19.08	65.45	170.5	1.95	81.96	147.2	200.06
4984	2050	7	27	1500	19.47	62.39	190.58	2.96	73.53	139	183.59
4985	2050	7	27	1600	19.87	59.34	220.48	4.97	111.99	199.2	260.32
4986	2050	7	27	1700	20.27	56.3	240.42	5.98	62.42	154.9	184.09
4987	2050	7	27	1800	18.88	68.53	240.63	3.99	22.9	104	112.69
4988	2050	7	27	1900	17.5	80.96	250.82	3	11.34	51.4	54.64
4989	2050	7	27	2000	16.11	93.6	252.44	1.01	5.07	25.2	26.21

4990	2050	7	27	2100	15.72	93.6	242.52	1	0	17.28	17.27
4991	2050	7	27	2200	15.22	92.54	222.45	0.98	0	5.83	5.83
4992	2050	7	27	2300	14.83	92.54	212.3	0.98	0	0.6	0.6
4993	2050	7	28	0	14.63	91.48	201.02	1.97	0	0	0
4994	2050	7	28	100	14.33	91.48	201.02	1.97	0	0	0
4995	2050	7	28	200	14.13	90.42	190.58	2.96	0	0	0
4996	2050	7	28	300	13.84	89.36	180.46	2.95	0	0	0
4997	2050	7	28	400	13.54	88.31	160.29	1.95	0	3.11	3.11
4998	2050	7	28	500	13.24	87.25	150.07	1.95	0	12.25	12.25
4999	2050	7	28	600	13.84	88.31	160.29	1.95	9.75	47.2	49.41
5000	2050	7	28	700	14.43	89.36	170.5	1.95	18.15	91.4	97.12
5001	2050	7	28	800	15.02	90.42	180.7	1.96	16.37	102.7	109.37
5002	2050	7	28	900	16.41	79.91	200.68	2.96	40.98	146.3	166.52
5003	2050	7	28	1000	17.89	69.56	230.84	2.98	238.98	223.2	358.24
5004	2050	7	28	1100	19.28	59.34	250.61	4	247.23	289.7	442.71
5005	2050	7	28	1200	19.57	58.33	250.61	4	258.93	325.4	493.83
5006	2050	7	28	1300	19.97	56.3	260.58	4	243.79	289.1	449.74
5007	2050	7	28	1400	20.27	55.29	260.58	4	112.12	223.5	295.47
5008	2050	7	28	1500	20.66	53.28	260.58	4	80.52	202.3	250.78
5009	2050	7	28	1600	21.16	52.27	260.77	3.01	204.78	196.4	307.43
5010	2050	7	28	1700	21.55	50.27	260.77	3.01	114.75	154.2	207.6
5011	2050	7	28	1800	21.06	54.29	240.84	2.99	17.32	89.5	96.01
5012	2050	7	28	1900	20.46	59.34	201.02	1.97	9.56	53.9	56.64
5013	2050	7	28	2000	19.97	63.41	180.7	1.96	6.83	33.6	34.85
5014	2050	7	28	2100	19.08	71.62	190.88	1.96	8.23	14.2	15.06
5015	2050	7	28	2200	18.29	79.91	200.68	2.96	0	4.72	4.72
5016	2050	7	28	2300	17.4	88.31	210.76	2.97	0	0.8	0.8
5017	2050	7	29	0	17.2	89.36	210.76	2.97	0	0	0
5018	2050	7	29	100	17	91.48	210.76	2.97	0	0	0
5019	2050	7	29	200	16.8	92.54	210.76	2.97	0	0	0
5020	2050	7	29	300	17	92.54	220.81	2.98	0	1.91	1.91
5021	2050	7	29	400	17.1	92.54	231.26	1.99	0	13.16	13.16
5022	2050	7	29	500	17.3	92.54	241.26	2	19.26	35.7	38.27
5023	2050	7	29	600	17.89	86.2	250.82	3	30.27	71.8	78.44
5024	2050	7	29	700	18.58	79.91	250.82	3	184.82	114.5	172.14
5025	2050	7	29	800	19.18	73.68	260.58	4	297.09	137.8	258.01
5026	2050	7	29	900	20.07	64.43	260.58	4	397.45	169.1	363.77
5027	2050	7	29	1000	20.96	54.29	260.58	4	506.07	161.2	445.52
5028	2050	7	29	1100	21.85	45.28	260.58	4	631.49	143.5	532.3
5029	2050	7	29	1200	22.34	42.3	260.58	4	514.25	176.7	509.7
5030	2050	7	29	1300	22.84	40.32	270.42	5.01	449.32	217.3	511.91
5031	2050	7	29	1400	23.33	37.36	270.42	5.01	696.12	171.2	616.26
5032	2050	7	29	1500	23.23	37.36	280.31	6.01	701.55	161.6	582.21
5033	2050	7	29	1600	23.03	37.36	280.31	6.01	368.92	161	359.85
5034	2050	7	29	1700	22.94	37.36	290.22	7.01	451.64	122.3	330.83
5035	2050	7	29	1800	22.24	38.34	290.25	6.01	680.7	69.3	323.29
5036	2050	7	29	1900	21.65	38.34	290.3	5.02	678.41	47	236.32
5037	2050	7	29	2000	20.96	39.33	290.38	4.02	560.82	36.8	141.21
5038	2050	7	29	2100	18.88	51.27	280.46	4.02	359.04	22.4	58.85
5039	2050	7	29	2200	16.9	63.41	260.77	3.01	0	14.26	14.26
5040	2050	7	29	2300	14.83	75.75	250.82	3	0	1.71	1.71
5041	2050	7	30	0	14.63	73.68	250.82	3	0	0	0
5042	2050	7	30	100	14.53	70.59	250.82	3	0	0	0
5043	2050	7	30	200	14.33	68.53	250.82	3	0	0	0
5044	2050	7	30	300	14.43	68.53	250.82	3	0	6.13	6.13
5045	2050	7	30	400	14.43	68.53	261.15	2.01	0	35.76	35.75
5046	2050	7	30	500	14.53	68.53	261.15	2.01	449.9	32.7	89.79
5047	2050	7	30	600	15.52	65.45	260.77	3.01	456.37	62	159.89
5048	2050	7	30	700	16.61	61.37	260.77	3.01	535.6	87.9	252.99
5049	2050	7	30	800	17.6	58.33	260.58	4	688.76	86.4	362.66
5050	2050	7	30	900	18.68	53.28	270.53	4.01	819.71	68.6	467.32
5051	2050	7	30	1000	19.87	49.27	270.42	5.01	870.41	63.7	549.87
5052	2050	7	30	1100	20.96	44.28	280.37	5.01	826.03	85.9	591.75
5053	2050	7	30	1200	21.06	43.29	280.37	5.01	636.1	148.6	558.51

5054	2050	7	30	1300	21.06	41.31	290.25	6.01	438.97	171.2	457.57
5055	2050	7	30	1400	21.16	40.32	290.25	6.01	363.5	189.5	420.71
5056	2050	7	30	1500	21.25	39.33	300.19	6.02	596.61	163.4	519.14
5057	2050	7	30	1600	21.35	38.34	300.19	6.02	698	139.7	513.61
5058	2050	7	30	1700	21.45	37.36	310.12	6.02	382.86	155.2	330.63
5059	2050	7	30	1800	20.96	38.34	310.15	5.02	203.05	131.2	206.19
5060	2050	7	30	1900	20.46	40.32	310.15	5.02	139.27	98.1	136.39
5061	2050	7	30	2000	19.97	41.31	310.18	4.03	131.94	64.9	88.98
5062	2050	7	30	2100	18.19	50.27	300.38	3.03	119.46	32.1	43.79
5063	2050	7	30	2200	16.51	58.33	300.38	3.03	0	12.86	12.86
5064	2050	7	30	2300	14.73	67.5	290.75	2.03	0	1.91	1.91
5065	2050	7	31	0	14.13	70.59	290.75	2.03	0	0	0
5066	2050	7	31	100	13.64	73.68	290.75	2.03	0	0	0
5067	2050	7	31	200	13.05	76.79	290.75	2.03	0	0	0
5068	2050	7	31	300	12.85	77.83	300.56	2.03	0	5.83	5.83
5069	2050	7	31	400	12.55	79.91	300.56	2.03	0	34.55	34.55
5070	2050	7	31	500	12.35	80.96	310.36	2.03	521.8	28.5	92.6
5071	2050	7	31	600	13.54	74.72	320.1	3.03	641.65	40.5	175.76
5072	2050	7	31	700	14.63	68.53	320.1	3.03	731.62	49.7	272.58
5073	2050	7	31	800	15.81	62.39	329.97	4.03	792.06	62.6	377.43
5074	2050	7	31	900	16.71	57.31	329.97	4.03	809.34	98.7	489.61
5075	2050	7	31	1000	17.6	51.27	320.1	3.03	748.57	112.8	528.38
5076	2050	7	31	1100	18.49	46.27	320.1	3.03	482.34	184.1	477.86
5077	2050	7	31	1200	19.28	44.28	310.24	3.03	639.94	166.4	576.69
5078	2050	7	31	1300	20.07	43.29	300.28	4.02	840.19	104.5	650
5079	2050	7	31	1400	20.86	41.31	290.38	4.02	863.96	82.4	629.11
5080	2050	7	31	1500	21.06	41.31	290.5	3.02	741.18	99.6	539.02
5081	2050	7	31	1600	20.56	42.3	280.61	3.02	651.71	115.8	462.59
5082	2050	7	31	1700	20.27	44.28	280.91	2.02	578.39	130.1	393.1
5083	2050	7	31	1800	19.87	45.28	301.1	1.04	650.23	90.1	327.81
5084	2050	7	31	1900	19.38	46.27	339.46	1.04	656.38	50.1	228.18
5085	2050	7	31	2000	18.78	48.27	327.03	0.04	525.1	32.5	126.14
5086	2050	7	31	2100	18.29	49.27	8.33	1.03	315.03	18.2	47.71
5087	2050	7	31	2200	17.69	50.27	160.59	0.95	0	9.74	9.74
5088	2050	7	31	2300	17.3	52.27	170.5	1.95	0	0.8	0.8
5089	2050	8	1	0	16.68	54.61	129.75	0.95	0	0	0
5090	2050	8	1	100	16.39	56.62	313.7	0.06	0	0	0
5091	2050	8	1	200	16.3	57.62	313.7	0.06	0	0	0
5092	2050	8	1	300	16.39	58.62	313.7	0.06	0	5.57	5.57
5093	2050	8	1	400	16.59	60.63	161.67	0.95	0	25.46	25.46
5094	2050	8	1	500	16.98	61.63	172.22	0.96	368.27	25.1	67.44
5095	2050	8	1	600	17.46	62.64	151.06	0.95	486.7	38.2	137.07
5096	2050	8	1	700	18.14	64.64	129.75	0.95	653.13	49.6	243.71
5097	2050	8	1	800	18.24	65.65	108.48	0.95	769.39	59.5	359.79
5098	2050	8	1	900	19.59	55.62	108.48	0.95	830.07	63.6	458.66
5099	2050	8	1	1000	20.95	46.61	98.98	1.97	865.54	66.4	541.03
5100	2050	8	1	1100	22.31	36.64	98.98	1.97	887.36	68.7	603.2
5101	2050	8	1	1200	22.8	34.65	88.74	1.97	896.74	69.5	638.51
5102	2050	8	1	1300	23.18	32.66	88.74	1.97	895.85	69.6	645.17
5103	2050	8	1	1400	23.67	30.67	78.54	1.98	886.1	68.4	623.09
5104	2050	8	1	1500	24.06	28.68	109.26	1.96	876.83	66.3	580.02
5105	2050	8	1	1600	24.54	27.69	140.2	1.96	860.39	61.3	512.87
5106	2050	8	1	1700	24.93	25.7	171.08	1.97	824.83	56.5	425.24
5107	2050	8	1	1800	24.35	27.69	150.52	1.96	768.04	51.8	326.56
5108	2050	8	1	1900	23.86	30.67	140.2	1.96	683.45	44.7	224.61
5109	2050	8	1	2000	23.28	32.66	119.56	1.96	611.79	33.4	137.37
5110	2050	8	1	2100	20.18	50.61	87.42	0.96	0	53.32	53.32
5111	2050	8	1	2200	17.07	68.67	26.59	1.03	0	13.83	13.83
5112	2050	8	1	2300	13.97	86.82	313.7	0.06	0	2.79	2.79
5113	2050	8	2	0	12.51	89.86	313.7	0.06	0	0	0
5114	2050	8	2	100	11.06	91.88	357.53	1.05	0	0	0
5115	2050	8	2	200	9.6	94.93	300.8	1.07	0	0	0
5116	2050	8	2	300	9.31	95.94	319.63	1.07	0	5.77	5.77
5117	2050	8	2	400	9.02	95.94	313.7	0.06	0	23.47	23.48

5118	2050	8	2	500	8.73	96.95	313.7	0.06	439.73	27.7	76.49
5119	2050	8	2	600	11.74	84.8	313.7	0.06	606.6	36.2	156.97
5120	2050	8	2	700	14.84	73.7	56.52	0.99	708.09	46	253.65
5121	2050	8	2	800	17.85	61.63	77.02	0.97	777.81	54.3	355.01
5122	2050	8	2	900	19.59	51.61	98.98	1.97	829.8	60	452
5123	2050	8	2	1000	21.24	42.62	119.56	1.96	863.77	64.4	534.96
5124	2050	8	2	1100	22.99	32.66	140.13	2.96	889.87	65.6	598.52
5125	2050	8	2	1200	23.57	30.67	129.92	2.96	902.72	67.8	637.41
5126	2050	8	2	1300	24.15	28.68	109.51	2.97	898.22	71.5	645.47
5127	2050	8	2	1400	24.74	26.69	99.33	2.98	888.55	71.8	624.78
5128	2050	8	2	1500	24.93	25.7	109.51	2.97	871.51	70.9	578.33
5129	2050	8	2	1600	25.03	23.72	129.92	2.96	842.88	71.2	510.39
5130	2050	8	2	1700	25.22	22.72	140.13	2.96	714.17	77.2	393.71
5131	2050	8	2	1800	23.57	31.66	129.88	1.96	527.88	93.5	280.21
5132	2050	8	2	1900	21.83	40.62	129.88	1.96	254.07	71.7	137.57
5133	2050	8	2	2000	20.18	49.61	119.1	0.95	221.8	53.4	90.12
5134	2050	8	2	2100	19.11	61.63	119.1	0.95	0	57.2	57.2
5135	2050	8	2	2200	18.14	73.7	300.8	1.07	0	19.6	19.6
5136	2050	8	2	2300	17.07	85.81	300.8	1.07	0	3.08	3.08
5137	2050	8	3	0	16.49	86.82	272.36	1.06	0	0	0
5138	2050	8	3	100	15.81	88.85	223.57	1.01	0	0	0
5139	2050	8	3	200	15.23	89.86	193.07	0.98	0	0	0
5140	2050	8	3	300	15.23	91.88	203.35	0.99	0	1.39	1.39
5141	2050	8	3	400	15.13	92.9	313.7	0.06	0	6.07	6.07
5142	2050	8	3	500	15.13	94.93	313.7	0.06	49.04	29.9	35.11
5143	2050	8	3	600	16.1	91.88	313.7	0.06	40.41	46.8	54.71
5144	2050	8	3	700	17.07	88.85	168.2	1.04	100.83	77.5	106.63
5145	2050	8	3	800	18.04	85.81	26.59	1.03	126.93	135.8	184.32
5146	2050	8	3	900	18.53	79.75	56.52	0.99	199.83	202.9	296.52
5147	2050	8	3	1000	19.01	72.69	109.26	1.96	115.92	209.4	272.15
5148	2050	8	3	1100	19.5	66.65	140.2	1.96	28.98	129.5	146.72
5149	2050	8	3	1200	20.66	63.64	140.2	1.96	16.89	143.6	154.18
5150	2050	8	3	1300	21.92	61.63	150.34	2.97	33.57	221	242.31
5151	2050	8	3	1400	23.09	58.62	150.34	2.97	67.09	226.8	268.27
5152	2050	8	3	1500	22.89	56.62	150.34	2.97	65.98	181.4	219.63
5153	2050	8	3	1600	22.8	55.62	140.13	2.96	38.01	154.4	174.08
5154	2050	8	3	1700	22.6	53.61	140.13	2.96	20.85	110.8	119.96
5155	2050	8	3	1800	21.44	63.64	140.13	2.96	14.9	53.9	59.09
5156	2050	8	3	1900	20.37	73.7	140.2	1.96	12.66	23	26.26
5157	2050	8	3	2000	19.21	83.79	140.2	1.96	14.07	7.7	9.95
5158	2050	8	3	2100	18.43	87.83	119.56	1.96	0	3.58	3.58
5159	2050	8	3	2200	17.75	90.87	109.26	1.96	0	0.8	0.8
5160	2050	8	3	2300	16.98	94.93	88.74	1.97	0	0	0
5161	2050	8	4	0	16.88	94.93	109.51	2.97	0	0	0
5162	2050	8	4	100	16.88	94.93	119.71	2.97	0	0	0
5163	2050	8	4	200	16.78	94.93	140.1	3.97	0	0	0
5164	2050	8	4	300	16.88	94.93	160.54	2.97	0	0	0
5165	2050	8	4	400	17.07	95.94	180.87	2.98	0	3.28	3.28
5166	2050	8	4	500	17.17	95.94	201.65	1.99	22.55	6.5	8.85
5167	2050	8	4	600	17.36	95.94	171.08	1.97	14.34	21	23.77
5168	2050	8	4	700	17.56	94.93	129.75	0.95	16.88	44.9	49.74
5169	2050	8	4	800	17.75	94.93	97.91	0.96	32.21	108.2	120.46
5170	2050	8	4	900	18.62	92.9	97.91	0.96	38.69	157.5	175.47
5171	2050	8	4	1000	19.59	89.86	108.48	0.95	31.24	180	196.75
5172	2050	8	4	1100	20.47	87.83	108.48	0.95	25.17	188.7	203.62
5173	2050	8	4	1200	20.37	88.85	108.48	0.95	21.28	164.1	177.36
5174	2050	8	4	1300	20.37	89.86	108.48	0.95	18.94	161	172.98
5175	2050	8	4	1400	20.27	90.87	108.48	0.95	33.32	195.9	216.35
5176	2050	8	4	1500	20.37	87.83	129.75	0.95	38.19	216.2	238.13
5177	2050	8	4	1600	20.47	84.8	171.08	1.97	104.71	196	249.77
5178	2050	8	4	1700	20.56	81.77	191.51	1.98	66.29	127.5	156.37
5179	2050	8	4	1800	20.56	83.79	181.32	1.98	19.21	64.1	70.72
5180	2050	8	4	1900	20.56	86.82	181.32	1.98	146.62	70.5	107.23
5181	2050	8	4	2000	20.56	88.85	171.08	1.97	255.67	69.6	109.72

5182	2050	8	4	2100	20.18	90.87	171.08	1.97	0	48.64	48.64
5183	2050	8	4	2200	19.89	91.88	161.67	0.95	0	9.95	9.95
5184	2050	8	4	2300	19.5	93.91	161.67	0.95	0	0.8	0.8
5185	2050	8	5	0	19.11	94.93	172.22	0.96	0	0	0
5186	2050	8	5	100	18.62	95.94	319.63	1.07	0	0	0
5187	2050	8	5	200	18.24	96.95	329.06	1.07	0	0	0
5188	2050	8	5	300	18.24	96.95	338.5	1.07	0	0	0
5189	2050	8	5	400	18.33	96.95	313.7	0.06	0	3.88	3.88
5190	2050	8	5	500	18.33	96.95	313.7	0.06	35.69	13.3	16.81
5191	2050	8	5	600	18.62	95.94	313.7	0.06	25.55	32.2	37
5192	2050	8	5	700	18.92	93.91	338.5	1.07	18.19	37.5	42.57
5193	2050	8	5	800	19.21	92.9	329.06	1.07	15.55	40.3	46.15
5194	2050	8	5	900	19.89	87.83	357.53	1.05	17.39	61.9	69.93
5195	2050	8	5	1000	20.47	82.78	46.44	1	65.68	197.6	232.66
5196	2050	8	5	1100	21.15	77.73	77.02	0.97	92.94	271.7	326.37
5197	2050	8	5	1200	21.63	74.71	108.48	0.95	63.35	257.2	296.52
5198	2050	8	5	1300	22.21	72.69	193.07	0.98	49.83	212.4	243.71
5199	2050	8	5	1400	22.7	69.67	223.57	1.01	293.23	207	386.25
5200	2050	8	5	1500	23.38	64.64	193.07	0.98	387.75	148.2	369.44
5201	2050	8	5	1600	23.96	60.63	140.2	1.96	344.24	136.7	311.94
5202	2050	8	5	1700	24.64	55.62	109.26	1.96	421.84	146.5	328.26
5203	2050	8	5	1800	23.96	60.63	140.2	1.96	493.55	97.5	265.79
5204	2050	8	5	1900	23.28	66.65	172.22	0.96	450.07	57	167.71
5205	2050	8	5	2000	22.6	71.68	203.35	0.99	364.32	35.4	90.92
5206	2050	8	5	2100	20.95	77.73	193.07	0.98	0	35.11	35.11
5207	2050	8	5	2200	19.21	83.79	193.07	0.98	0	6.07	6.07
5208	2050	8	5	2300	17.56	89.86	182.69	0.97	0	0	0
5209	2050	8	6	0	16.59	91.88	193.07	0.98	0	0	0
5210	2050	8	6	100	15.62	92.9	193.07	0.98	0	0	0
5211	2050	8	6	200	14.65	94.93	203.35	0.99	0	0	0
5212	2050	8	6	300	14.36	94.93	182.69	0.97	0	0	0
5213	2050	8	6	400	14.16	95.94	161.67	0.95	0	17.11	17.11
5214	2050	8	6	500	13.87	95.94	140.42	0.95	342.08	24.7	56.9
5215	2050	8	6	600	16.01	91.88	151.06	0.95	470.01	44.1	129.91
5216	2050	8	6	700	18.24	86.82	161.67	0.95	572.87	61.4	220.23
5217	2050	8	6	800	20.37	82.78	172.22	0.96	644.19	75.2	314.13
5218	2050	8	6	900	21.34	76.72	191.51	1.98	500.61	156.6	385.45
5219	2050	8	6	1000	22.21	70.68	201.65	1.99	165.75	235.2	322.98
5220	2050	8	6	1100	23.18	64.64	221.19	3.02	45.04	254.4	280.71
5221	2050	8	6	1200	23.77	61.63	211.16	3.01	115.08	255.2	326.07
5222	2050	8	6	1300	24.44	59.63	201.1	3	470.64	204.7	498.45
5223	2050	8	6	1400	25.03	56.62	191	2.99	450.89	195.1	468.91
5224	2050	8	6	1500	25.22	55.62	200.82	4.01	529.96	182.1	482.44
5225	2050	8	6	1600	25.41	53.61	200.82	4.01	601.71	140.6	444.54
5226	2050	8	6	1700	25.61	52.61	210.69	5.03	603.95	106.8	364.46
5227	2050	8	6	1800	24.64	55.62	210.87	4.02	555.33	82.5	269.37
5228	2050	8	6	1900	23.77	57.62	201.1	3	435.21	57.4	162.44
5229	2050	8	6	2000	22.8	60.63	201.65	1.99	320.99	36.1	83.46
5230	2050	8	6	2100	21.92	64.64	201.65	1.99	0	27.95	27.95
5231	2050	8	6	2200	21.15	67.66	201.1	3	0	3.88	3.88
5232	2050	8	6	2300	20.27	71.68	201.1	3	0	0	0
5233	2050	8	7	0	19.59	77.73	201.65	1.99	0	0	0
5234	2050	8	7	100	19.01	84.8	191.51	1.98	0	0	0
5235	2050	8	7	200	18.33	90.87	193.07	0.98	0	0	0
5236	2050	8	7	300	18.43	91.88	203.35	0.99	0	1.39	1.39
5237	2050	8	7	400	18.53	92.9	201.65	1.99	0	9.35	9.35
5238	2050	8	7	500	18.62	93.91	211.74	2	37.17	17.6	20.99
5239	2050	8	7	600	18.62	94.93	201.65	1.99	18.44	18.8	22.08
5240	2050	8	7	700	18.53	95.94	181.32	1.98	11.94	15.2	18.5
5241	2050	8	7	800	18.53	96.95	171.08	1.97	6.64	15	17.41
5242	2050	8	7	900	19.01	95.94	201.65	1.99	12.06	74.4	79.88
5243	2050	8	7	1000	19.59	93.91	231.77	2.03	13.26	105.7	112.7
5244	2050	8	7	1100	20.08	92.9	261.41	2.06	15.25	116.3	125.14
5245	2050	8	7	1200	21.73	81.77	271.2	2.06	179.36	204.9	314.73

5246	2050	8	7	1300	23.38	71.68	270.81	3.07	406.42	234.5	486.61
5247	2050	8	7	1400	25.03	60.63	280.65	3.08	518.84	203.6	516.65
5248	2050	8	7	1500	23.57	69.67	300.28	3.09	697.09	210.7	602.9
5249	2050	8	7	1600	22.02	79.75	329.51	2.08	294.97	127.7	275.44
5250	2050	8	7	1700	20.56	88.85	348.97	2.07	101.36	101.36	145.92
5251	2050	8	7	1800	20.37	85.81	358.74	2.06	207.37	113.8	182.63
5252	2050	8	7	1900	20.08	81.77	8.54	2.05	198.26	83.5	130.41
5253	2050	8	7	2000	19.89	78.74	18.39	2.04	105.19	41.4	56.4
5254	2050	8	7	2100	18.82	83.79	8.54	2.05	0	22.08	22.08
5255	2050	8	7	2200	17.65	88.85	348.97	2.07	0	4.97	4.97
5256	2050	8	7	2300	16.59	93.91	339.23	2.07	0	0	0
5257	2050	8	8	0	16.2	94.93	339.23	2.07	0	0	0
5258	2050	8	8	100	15.71	94.93	348.97	2.07	0	0	0
5259	2050	8	8	200	15.33	95.94	348.97	2.07	0	0	0
5260	2050	8	8	300	15.13	95.94	348.97	2.07	0	0	0
5261	2050	8	8	400	14.84	96.95	348.97	2.07	0	7.76	7.76
5262	2050	8	8	500	14.65	96.95	348.97	2.07	0	48.34	48.34
5263	2050	8	8	600	15.71	91.88	8.54	2.05	98.69	81.2	98.38
5264	2050	8	8	700	16.78	85.81	28.28	2.03	169.06	148.2	193.67
5265	2050	8	8	800	17.85	80.76	48.22	2.01	76.71	155.1	182.93
5266	2050	8	8	900	18.04	77.73	48.22	2.01	28.02	137.7	150.3
5267	2050	8	8	1000	18.24	74.71	38.22	2.02	29.7	179.9	195.36
5268	2050	8	8	1100	18.43	71.68	38.22	2.02	27.35	205.6	221.32
5269	2050	8	8	1200	18.82	68.67	38.22	2.02	33.44	238	258.33
5270	2050	8	8	1300	19.11	65.65	28.85	3.04	46.32	258	286.58
5271	2050	8	8	1400	19.5	62.64	28.85	3.04	83.97	268.3	318.61
5272	2050	8	8	1500	19.3	61.63	28.85	3.04	298.09	243	409.52
5273	2050	8	8	1600	19.11	60.63	28.85	3.04	216.77	202.4	310.05
5274	2050	8	8	1700	18.92	59.63	28.85	3.04	323.61	154	289.26
5275	2050	8	8	1800	17.85	62.64	28.85	3.04	510.96	93.2	260.52
5276	2050	8	8	1900	16.88	66.65	28.85	3.04	425.46	59.7	158.36
5277	2050	8	8	2000	15.81	69.67	28.85	3.04	183.37	32.5	57.79
5278	2050	8	8	2100	15.23	74.71	48.82	3.02	0	16.31	16.31
5279	2050	8	8	2200	14.65	78.74	58.27	2	0	3.28	3.28
5280	2050	8	8	2300	14.07	83.79	78.54	1.98	0	0	0
5281	2050	8	9	0	13.97	83.79	88.74	1.97	0	0	0
5282	2050	8	9	100	13.77	84.8	87.42	0.96	0	0	0
5283	2050	8	9	200	13.68	84.8	97.91	0.96	0	0	0
5284	2050	8	9	300	13.29	83.79	108.48	0.95	0	0	0
5285	2050	8	9	400	13	82.78	119.56	1.96	0	10.25	10.25
5286	2050	8	9	500	12.61	81.77	129.88	1.96	0	39.19	39.19
5287	2050	8	9	600	13	77.73	150.52	1.96	60.26	64.1	74.31
5288	2050	8	9	700	13.29	73.7	172.22	0.96	82.96	109.1	131
5289	2050	8	9	800	13.68	69.67	193.07	0.98	75.11	167.8	194.77
5290	2050	8	9	900	14.55	65.65	161.67	0.95	276.61	177	300.11
5291	2050	8	9	1000	15.52	60.63	119.56	1.96	456.86	185.5	422.16
5292	2050	8	9	1100	16.39	56.62	88.74	1.97	508.85	198	489.3
5293	2050	8	9	1200	17.27	54.61	119.56	1.96	600.12	179.6	542.42
5294	2050	8	9	1300	18.14	52.61	161.67	0.95	661.23	165.7	570.57
5295	2050	8	9	1400	19.01	50.61	193.07	0.98	462.72	225.3	500.64
5296	2050	8	9	1500	19.21	51.61	172.22	0.96	315.95	257	432.1
5297	2050	8	9	1600	19.3	52.61	160.81	1.96	135.92	208.3	275.24
5298	2050	8	9	1700	19.5	53.61	140.2	1.96	32.84	131.4	145.03
5299	2050	8	9	1800	18.92	61.63	171.08	1.97	20.96	74.2	80.97
5300	2050	8	9	1900	18.33	69.67	241.7	2.04	28.06	58.9	65.25
5301	2050	8	9	2000	17.75	77.73	271.2	2.06	32.54	31.9	36.21
5302	2050	8	9	2100	17.46	80.76	271.2	2.06	0	10.25	10.25
5303	2050	8	9	2200	17.07	84.8	262.77	1.05	0	1.39	1.39
5304	2050	8	9	2300	16.78	87.83	262.77	1.05	0	0	0
5305	2050	8	10	0	16.1	89.86	253.11	1.04	0	0	0
5306	2050	8	10	100	15.33	90.87	243.36	1.03	0	0	0
5307	2050	8	10	200	14.65	92.9	233.52	1.02	0	0	0
5308	2050	8	10	300	14.84	93.91	262.77	1.05	0	0	0
5309	2050	8	10	400	15.04	93.91	290.7	2.08	0	0	0

5310	2050	8	10	500	15.23	94.93	319.81	2.08	0	7.16	7.16
5311	2050	8	10	600	15.33	93.91	329.51	2.08	25.2	11.1	15.22
5312	2050	8	10	700	15.52	93.91	329.06	1.07	20.98	24.7	30.14
5313	2050	8	10	800	15.62	92.9	338.5	1.07	22.12	63.7	71.52
5314	2050	8	10	900	15.04	89.86	348.97	2.07	45.15	141.4	161.34
5315	2050	8	10	1000	14.36	87.83	348.97	2.07	25.59	94.1	107.23
5316	2050	8	10	1100	13.77	84.8	359.15	3.07	16.39	98.7	108.03
5317	2050	8	10	1200	14.94	74.71	359.15	3.07	112.2	225.7	293.14
5318	2050	8	10	1300	16.2	65.65	9.02	3.06	470.57	265.1	551.27
5319	2050	8	10	1400	17.36	17.36	9.02	3.06	354.72	287.5	497.06
5320	2050	8	10	1500	17.56	56.62	18.92	3.05	365.87	224.6	425.84
5321	2050	8	10	1600	17.65	57.62	18.39	2.04	468.92	162.8	391.52
5322	2050	8	10	1700	17.85	58.62	28.28	2.03	296.78	156.2	277.43
5323	2050	8	10	1800	17.46	64.64	8.54	2.05	85.94	101.7	129.01
5324	2050	8	10	1900	17.17	71.68	262.77	1.05	26.09	52.8	58.59
5325	2050	8	10	2000	16.78	77.73	243.36	1.03	32.73	23.8	27.95
5326	2050	8	10	2100	16.1	83.79	262.77	1.05	0	5.77	5.77
5327	2050	8	10	2200	15.42	90.87	280.96	2.07	0	0	0
5328	2050	8	10	2300	14.74	96.95	300.41	2.08	0	0	0
5329	2050	8	11	0	14.26	95.94	319.81	2.08	0	0	0
5330	2050	8	11	100	13.87	95.94	329.51	2.08	0	0	0
5331	2050	8	11	200	13.39	94.93	348.97	2.07	0	0	0
5332	2050	8	11	300	12.9	94.93	348.97	2.07	0	0	0
5333	2050	8	11	400	12.51	93.91	339.23	2.07	0	4.18	4.18
5334	2050	8	11	500	12.03	93.91	339.23	2.07	0	20.49	20.49
5335	2050	8	11	600	12.13	94.93	339.48	3.08	31	34.2	39.19
5336	2050	8	11	700	12.13	94.93	349.31	3.08	25.53	59.5	66.05
5337	2050	8	11	800	12.22	95.94	349.48	4.09	17.4	59.2	65.25
5338	2050	8	11	900	12.9	89.86	359.36	4.08	19.01	97.5	105.84
5339	2050	8	11	1000	13.58	84.8	9.26	4.07	23.51	120.6	132.6
5340	2050	8	11	1100	14.26	78.74	19.19	4.06	88.55	188.1	238.13
5341	2050	8	11	1200	14.94	74.71	19.19	4.06	144.08	207.8	293.74
5342	2050	8	11	1300	15.71	69.67	9.02	3.06	65.17	190.8	230.18
5343	2050	8	11	1400	16.39	65.65	9.02	3.06	44.45	222	248.08
5344	2050	8	11	1500	16.3	62.64	359.15	3.07	157.77	224	310.05
5345	2050	8	11	1600	16.2	60.63	359.15	3.07	110.41	163.3	216.65
5346	2050	8	11	1700	16.1	57.62	349.31	3.08	361.04	139.4	285.18
5347	2050	8	11	1800	15.13	68.67	339.48	3.08	307.15	106.9	203.12
5348	2050	8	11	1900	14.07	80.76	329.67	3.09	100.66	61.3	83.16
5349	2050	8	11	2000	13.1	91.88	319.87	3.09	50.61	30.3	36.51
5350	2050	8	11	2100	12.61	92.9	329.67	3.09	0	12.43	12.43
5351	2050	8	11	2200	12.22	93.91	329.67	3.09	0	1.69	1.69
5352	2050	8	11	2300	11.74	94.93	339.48	3.08	0	0	0
5353	2050	8	12	0	11.45	94.93	329.67	3.09	0	0	0
5354	2050	8	12	100	11.16	94.93	329.67	3.09	0	0	0
5355	2050	8	12	200	10.86	94.93	319.87	3.09	0	0	0
5356	2050	8	12	300	10.77	93.91	329.67	3.09	0	0	0
5357	2050	8	12	400	10.57	92.9	329.67	3.09	0	3.08	3.08
5358	2050	8	12	500	10.48	91.88	339.48	3.08	0	13.83	13.83
5359	2050	8	12	600	10.48	91.88	339.48	3.08	36.31	55.7	61.37
5360	2050	8	12	700	10.57	90.87	348.97	2.07	42.55	95.6	106.34
5361	2050	8	12	800	10.57	90.87	348.97	2.07	32.35	122	133.19
5362	2050	8	12	900	11.16	82.78	348.97	2.07	32.85	169	183.23
5363	2050	8	12	1000	11.64	74.71	349.31	3.08	45.4	186.5	209.49
5364	2050	8	12	1100	12.22	66.65	349.31	3.08	200.07	195.7	307.76
5365	2050	8	12	1200	12.8	64.64	349.31	3.08	375.08	191.3	413.4
5366	2050	8	12	1300	13.29	62.64	339.61	4.09	424.03	192.2	446.53
5367	2050	8	12	1400	13.87	60.63	339.61	4.09	514.51	213.3	512.87
5368	2050	8	12	1500	13.77	59.63	339.61	4.09	305.03	197.4	362.47
5369	2050	8	12	1600	13.58	57.62	349.31	3.08	228.09	143.1	252.26
5370	2050	8	12	1700	13.48	56.62	349.31	3.08	219.17	124.5	211.97
5371	2050	8	12	1800	12.71	65.65	359.15	3.07	352.43	109.4	218.04
5372	2050	8	12	1900	12.03	75.71	9.02	3.06	197.06	71.2	113
5373	2050	8	12	2000	11.25	84.8	18.92	3.05	46.34	35.7	41.18

5374	2050	8	12	2100	10.96	86.82	9.02	3.06	0	11.64	11.64
5375	2050	8	12	2200	10.77	87.83	358.74	2.06	0	1.09	1.09
5376	2050	8	12	2300	10.48	89.86	348.97	2.07	0	0	0
5377	2050	8	13	0	10.19	89.86	348.97	2.07	0	0	0
5378	2050	8	13	100	9.89	88.85	349.31	3.08	0	0	0
5379	2050	8	13	200	9.6	88.85	349.31	3.08	0	0	0
5380	2050	8	13	300	9.12	87.83	349.31	3.08	0	0	0
5381	2050	8	13	400	8.54	86.82	349.31	3.08	0	4.18	4.18
5382	2050	8	13	500	8.05	85.81	349.31	3.08	0	22.98	22.98
5383	2050	8	13	600	8.44	83.79	349.31	3.08	53.19	60.2	68.24
5384	2050	8	13	700	8.92	81.77	349.48	4.09	186.18	130.9	176.86
5385	2050	8	13	800	9.31	79.75	349.48	4.09	77.2	120.7	147.02
5386	2050	8	13	900	9.41	80.76	359.36	4.08	27.84	122	133.99
5387	2050	8	13	1000	9.41	81.77	359.15	3.07	29.05	159.8	174.37
5388	2050	8	13	1100	9.51	82.78	9.02	3.06	26.22	171.3	185.91
5389	2050	8	13	1200	10.28	76.72	9.02	3.06	170.48	221.9	322.19
5390	2050	8	13	1300	10.96	69.67	359.36	4.08	395.91	266	501.73
5391	2050	8	13	1400	11.74	63.64	359.36	4.08	306.08	237.3	414.2
5392	2050	8	13	1500	11.35	69.67	349.31	3.08	262.45	246.5	387.34
5393	2050	8	13	1600	10.96	75.71	349.31	3.08	104.55	132.3	181.83
5394	2050	8	13	1700	10.57	81.77	339.23	2.07	233.01	166.2	258.03
5395	2050	8	13	1800	10.57	78.74	348.97	2.07	200.58	133.8	194.57
5396	2050	8	13	1900	10.48	75.71	8.54	2.05	231.62	79.5	127.42
5397	2050	8	13	2000	10.48	72.69	18.39	2.04	294.13	40.3	73.51
5398	2050	8	13	2100	9.22	77.73	8.54	2.05	0	21.58	21.59
5399	2050	8	13	2200	8.05	81.77	8.54	2.05	0	2.49	2.49
5400	2050	8	13	2300	6.79	86.82	358.74	2.06	0	0	0
5401	2050	8	14	0	5.72	89.86	348.97	2.07	0	0	0
5402	2050	8	14	100	4.75	91.88	348.97	2.07	0	0	0
5403	2050	8	14	200	3.69	94.93	339.23	2.07	0	0	0
5404	2050	8	14	300	3.69	95.94	339.23	2.07	0	0	0
5405	2050	8	14	400	3.69	95.94	339.23	2.07	0	5.27	5.27
5406	2050	8	14	500	3.69	96.95	339.23	2.07	0	42.57	42.57
5407	2050	8	14	600	5.24	90.87	348.97	2.07	593.59	29	116.28
5408	2050	8	14	700	6.89	83.79	359.15	3.07	707.65	39.8	211.38
5409	2050	8	14	800	8.44	77.73	9.02	3.06	743.43	57.7	308.36
5410	2050	8	14	900	9.31	69.67	18.92	3.05	410.64	101.6	275.73
5411	2050	8	14	1000	10.09	61.63	28.85	3.04	270.52	152.8	287.37
5412	2050	8	14	1100	10.96	53.61	38.82	3.03	580.42	174.7	494.87
5413	2050	8	14	1200	11.25	50.61	28.85	3.04	508.11	151.4	447.92
5414	2050	8	14	1300	11.45	46.61	8.54	2.05	309.56	198.1	381.08
5415	2050	8	14	1400	11.74	43.62	358.74	2.06	338.96	208.2	402.56
5416	2050	8	14	1500	11.35	51.61	8.54	2.05	337.44	176.2	355.61
5417	2050	8	14	1600	11.06	58.62	28.28	2.03	289.79	147	282.9
5418	2050	8	14	1700	10.67	66.65	38.22	2.02	283.66	147.9	258.33
5419	2050	8	14	1800	10.57	66.65	28.28	2.03	337.87	118.9	219.63
5420	2050	8	14	1900	10.57	65.65	16.82	1.04	448.03	63.8	154.18
5421	2050	8	14	2000	10.48	65.65	7.13	1.05	396.27	28.7	71.32
5422	2050	8	14	2100	8.54	74.71	7.13	1.05	0	16.31	16.31
5423	2050	8	14	2200	6.5	82.78	313.7	0.06	0	1.09	1.09
5424	2050	8	14	2300	4.56	91.88	313.7	0.06	0	0	0
5425	2050	8	15	0	3.69	93.91	313.7	0.06	0	0	0
5426	2050	8	15	100	2.91	96.95	313.7	0.06	0	0	0
5427	2050	8	15	200	2.04	98.98	313.7	0.06	0	0	0
5428	2050	8	15	300	2.13	98.98	313.7	0.06	0	0	0
5429	2050	8	15	400	2.13	97.97	313.7	0.06	0	4.68	4.68
5430	2050	8	15	500	2.23	97.97	313.7	0.06	0	24.87	24.87
5431	2050	8	15	600	4.27	93.91	313.7	0.06	328.51	65.1	111.91
5432	2050	8	15	700	6.21	90.87	129.75	0.95	370.61	81.2	169.4
5433	2050	8	15	800	8.25	86.82	151.06	0.95	671.17	72	295.33
5434	2050	8	15	900	9.89	71.68	150.52	1.96	832.02	58.6	407.83
5435	2050	8	15	1000	11.64	55.62	150.52	1.96	896.34	54.2	495.96
5436	2050	8	15	1100	13.29	40.62	150.34	2.97	923.89	60.8	566.39
5437	2050	8	15	1200	13.39	39.63	140.13	2.96	898.93	74.3	594.94

5438	2050	8	15	1300	13.48	37.63	140.2	1.96	862.48	90.2	596.03
5439	2050	8	15	1400	13.58	36.64	129.88	1.96	586.15	130.5	463.93
5440	2050	8	15	1500	13.68	38.63	140.2	1.96	388.96	184.6	389.63
5441	2050	8	15	1600	13.77	39.63	151.06	0.95	340.34	151.8	309.75
5442	2050	8	15	1700	13.87	41.62	161.67	0.95	133.03	119.7	170.79
5443	2050	8	15	1800	13.19	48.61	140.42	0.95	32.62	98.8	108.32
5444	2050	8	15	1900	12.61	54.61	129.88	1.96	43.32	60.8	69.33
5445	2050	8	15	2000	11.93	61.63	109.26	1.96	48.95	28.7	33.72
5446	2050	8	15	2100	10.86	69.67	109.26	1.96	0	8.85	8.85
5447	2050	8	15	2200	9.7	76.72	97.91	0.96	0	0.8	0.8
5448	2050	8	15	2300	8.63	84.8	97.91	0.96	0	0	0
5449	2050	8	16	0	8.73	83.79	98.98	1.97	0	0	0
5450	2050	8	16	100	8.92	82.78	109.26	1.96	0	0	0
5451	2050	8	16	200	9.02	81.77	109.51	2.97	0	0	0
5452	2050	8	16	300	8.54	84.8	89.17	2.98	0	0	0
5453	2050	8	16	400	7.95	88.85	78.54	1.98	0	3.28	3.28
5454	2050	8	16	500	7.47	91.88	58.27	2	0	22.38	22.38
5455	2050	8	16	600	8.34	90.87	58.27	2	119.84	54.8	71.32
5456	2050	8	16	700	9.12	89.86	58.27	2	205.06	94.2	142.05
5457	2050	8	16	800	9.99	88.85	58.27	2	60.08	62.1	81.77
5458	2050	8	16	900	10.96	81.77	68.92	3	16.37	73.4	80.17
5459	2050	8	16	1000	12.03	73.7	79.03	2.99	113.43	180.5	235.95
5460	2050	8	16	1100	13	66.65	89.38	3.99	109.12	244.1	303.39
5461	2050	8	16	1200	13.29	65.65	89.38	3.99	45.1	200.1	226
5462	2050	8	16	1300	13.48	65.65	99.5	3.98	198.5	244.7	360.29
5463	2050	8	16	1400	13.77	64.64	99.5	3.98	88.42	149.1	198.94
5464	2050	8	16	1500	13	71.68	79.27	4	72.81	156.6	194.57
5465	2050	8	16	1600	12.32	77.73	58.85	3.01	114.63	169	221.62
5466	2050	8	16	1700	11.54	84.8	38.82	3.03	53.96	96.1	116.58
5467	2050	8	16	1800	11.25	88.85	18.39	2.04	27.42	72	79.88
5468	2050	8	16	1900	11.06	92.9	339.23	2.07	32.76	52.8	59.09
5469	2050	8	16	2000	10.77	96.95	319.63	1.07	54.8	32.8	38.1
5470	2050	8	16	2100	10.28	96.95	319.63	1.07	0	12.43	12.43
5471	2050	8	16	2200	9.89	97.97	329.06	1.07	0	1.09	1.09
5472	2050	8	16	2300	9.41	97.97	329.06	1.07	0	0	0
5473	2050	8	17	0	9.12	97.97	338.5	1.07	0	0	0
5474	2050	8	17	100	8.83	98.98	313.7	0.06	0	0	0
5475	2050	8	17	200	8.54	98.98	313.7	0.06	0	0	0
5476	2050	8	17	300	8.63	97.97	313.7	0.06	0	0	0
5477	2050	8	17	400	8.83	97.97	46.44	1	0	1.09	1.09
5478	2050	8	17	500	8.92	96.95	66.72	0.98	0	6.86	6.86
5479	2050	8	17	600	9.51	96.95	87.42	0.96	22.77	25.4	28.45
5480	2050	8	17	700	9.99	95.94	98.98	1.97	15.77	45.3	48.94
5481	2050	8	17	800	10.57	95.94	119.56	1.96	15.1	68.3	73.21
5482	2050	8	17	900	10.96	91.88	119.71	2.97	16.04	90.4	96.98
5483	2050	8	17	1000	11.35	87.83	129.92	2.96	45.41	185.8	207.8
5484	2050	8	17	1100	11.74	83.79	129.94	3.97	29.93	203.8	219.93
5485	2050	8	17	1200	11.93	86.82	129.92	2.96	20.57	173.4	185.12
5486	2050	8	17	1300	12.13	88.85	129.92	2.96	69.32	206.8	246.79
5487	2050	8	17	1400	12.32	91.88	129.88	1.96	46.66	198.3	224.41
5488	2050	8	17	1500	12.42	87.83	129.88	1.96	80.78	212.6	254.45
5489	2050	8	17	1600	12.51	82.78	119.71	2.97	131.81	229.4	289.26
5490	2050	8	17	1700	12.61	78.74	119.71	2.97	75.98	126.9	155.27
5491	2050	8	17	1800	12.22	82.78	119.71	2.97	29.97	82.8	91.22
5492	2050	8	17	1900	11.74	87.83	109.51	2.97	20.84	43.4	47.25
5493	2050	8	17	2000	11.35	91.88	109.51	2.97	38.87	26	29.54
5494	2050	8	17	2100	11.06	91.88	109.51	2.97	0	10.74	10.74
5495	2050	8	17	2200	10.67	91.88	119.56	1.96	0	1.09	1.09
5496	2050	8	17	2300	10.38	91.88	119.56	1.96	0	0	0
5497	2050	8	18	0	10.19	91.88	119.56	1.96	0	0	0
5498	2050	8	18	100	10.09	90.87	109.26	1.96	0	0	0
5499	2050	8	18	200	9.89	90.87	109.26	1.96	0	0	0
5500	2050	8	18	300	9.99	90.87	109.26	1.96	0	0	0
5501	2050	8	18	400	9.99	90.87	109.51	2.97	0	1.89	1.89

5502	2050	8	18	500	10.09	90.87	109.51	2.97	0	9.15	9.15
5503	2050	8	18	600	10.28	89.86	109.51	2.97	17.02	21.3	23.48
5504	2050	8	18	700	10.57	89.86	109.51	2.97	14.52	38.4	41.68
5505	2050	8	18	800	10.77	88.85	109.51	2.97	20.13	69.3	75.7
5506	2050	8	18	900	10.86	88.85	109.51	2.97	24.42	133.7	143.64
5507	2050	8	18	1000	10.96	89.86	109.51	2.97	17.15	132.1	140.35
5508	2050	8	18	1100	11.06	89.86	109.51	2.97	12.15	88.3	94.8
5509	2050	8	18	1200	11.45	86.82	109.51	2.97	10.78	81.7	87.83
5510	2050	8	18	1300	11.83	84.8	99.5	3.98	12.74	116.5	123.74
5511	2050	8	18	1400	12.22	81.77	99.5	3.98	17.55	172.4	182.13
5512	2050	8	18	1500	12.13	83.79	99.33	2.98	20.9	161.5	172.19
5513	2050	8	18	1600	11.93	84.8	109.51	2.97	24.01	164.7	175.47
5514	2050	8	18	1700	11.83	86.82	109.26	1.96	17.1	84	90.32
5515	2050	8	18	1800	11.64	88.85	109.26	1.96	15.68	59.5	63.86
5516	2050	8	18	1900	11.35	89.87	109.26	1.96	18.13	33.2	36.51
5517	2050	8	18	2000	11.16	92.9	109.26	1.96	0	16.31	16.31
5518	2050	8	18	2100	10.67	93.91	119.56	1.96	0	4.68	4.68
5519	2050	8	18	2200	10.28	93.91	129.88	1.96	0	0.3	0.3
5520	2050	8	18	2300	9.8	94.93	140.2	1.96	0	0	0
5521	2050	8	19	0	9.7	95.94	140.2	1.96	0	0	0
5522	2050	8	19	100	9.51	96.95	129.75	0.95	0	0	0
5523	2050	8	19	200	9.41	97.97	129.75	0.95	0	0	0
5524	2050	8	19	300	9.02	96.95	140.42	0.95	0	0	0
5525	2050	8	19	400	8.73	96.95	150.52	1.96	0	1.89	1.89
5526	2050	8	19	500	8.34	95.94	160.81	1.96	0	27.65	27.65
5527	2050	8	19	600	9.02	93.91	160.81	1.96	108.94	45.9	59.38
5528	2050	8	19	700	9.6	92.9	160.81	1.96	66.97	81.2	95.89
5529	2050	8	19	800	10.28	90.87	160.81	1.96	479.37	81.4	232.07
5530	2050	8	19	900	11.74	80.76	160.81	1.96	394.1	150.9	309.16
5531	2050	8	19	1000	13.29	71.68	171.08	1.97	561.75	157	423.85
5532	2050	8	19	1100	14.74	61.63	171.08	1.97	346.38	196.1	379.38
5533	2050	8	19	1200	14.94	59.63	171.08	1.97	88.71	212.5	262.21
5534	2050	8	19	1300	15.23	56.62	170.72	2.98	207.74	208	326.07
5535	2050	8	19	1400	15.42	54.61	170.72	2.98	144.59	178.9	258.33
5536	2050	8	19	1500	15.81	53.61	170.72	2.98	313.74	170.7	329.95
5537	2050	8	19	1600	16.1	53.61	171.08	1.97	521.74	156.7	388.24
5538	2050	8	19	1700	16.49	52.61	171.08	1.97	236.47	127.4	213.27
5539	2050	8	19	1800	15.81	57.62	171.08	1.97	63.23	88.1	105.24
5540	2050	8	19	1900	15.23	61.63	160.54	2.97	39.82	44.5	51.43
5541	2050	8	19	2000	14.55	66.65	160.54	2.97	0	20.99	20.99
5542	2050	8	19	2100	13.97	70.68	160.54	2.97	0	6.07	6.07
5543	2050	8	19	2200	13.29	74.71	150.34	2.97	0	0.8	0.8
5544	2050	8	19	2300	12.71	78.74	150.34	2.97	0	0	0
5545	2050	8	20	0	12.13	81.77	150.34	2.97	0	0	0
5546	2050	8	20	100	11.64	84.8	140.13	2.96	0	0	0
5547	2050	8	20	200	11.06	87.83	140.13	2.96	0	0	0
5548	2050	8	20	300	10.67	85.81	140.13	2.96	0	0	0
5549	2050	8	20	400	10.19	82.78	129.94	3.97	0	0	0
5550	2050	8	20	500	9.8	80.76	129.94	3.97	0	4.97	4.97
5551	2050	8	20	600	9.51	84.8	119.79	3.98	14.01	9.1	10.74
5552	2050	8	20	700	9.12	88.85	119.83	4.98	10.33	20.2	22.38
5553	2050	8	20	800	8.83	92.9	109.71	4.99	9.53	29.7	32.63
5554	2050	8	20	900	8.83	92.9	109.71	4.99	9.06	43.7	47.25
5555	2050	8	20	1000	8.73	93.91	109.76	6	9.87	68.3	72.91
5556	2050	8	20	1100	8.73	93.91	109.76	6	8.28	56.7	61.08
5557	2050	8	20	1200	8.92	93.91	119.83	4.98	6.99	50	53.91
5558	2050	8	20	1300	9.02	94.93	129.95	4.98	6.85	43.7	47.55
5559	2050	8	20	1400	9.22	94.93	140.1	3.97	7.49	37.9	41.98
5560	2050	8	20	1500	9.31	95.94	140.1	3.97	6.03	32.1	35.11
5561	2050	8	20	1600	9.41	96.95	140.1	3.97	5.63	28	30.44
5562	2050	8	20	1700	9.51	97.97	140.1	3.97	6.97	27	29.54
5563	2050	8	20	1800	9.6	97.97	140.1	3.97	10.63	30.6	33.42
5564	2050	8	20	1900	9.6	97.97	140.1	3.97	14.23	15.8	18.2
5565	2050	8	20	2000	9.7	97.97	140.1	3.97	0	7.16	7.16

5566	2050	8	20	2100	9.7	97.97	140.1	3.97	0	1.39	1.39
5567	2050	8	20	2200	9.8	97.97	140.1	3.97	0	0	0
5568	2050	8	20	2300	9.8	97.97	140.1	3.97	0	0	0
5569	2050	8	21	0	9.89	97.97	140.1	3.97	0	0	0
5570	2050	8	21	100	9.99	98.98	150.25	3.98	0	0	0
5571	2050	8	21	200	10.09	98.98	150.25	3.98	0	0	0
5572	2050	8	21	300	10.38	98.98	150.25	3.98	0	0	0
5573	2050	8	21	400	10.67	98.98	150.25	3.98	0	0	0
5574	2050	8	21	500	10.96	98.98	150.25	3.98	0	2.49	2.49
5575	2050	8	21	600	11.45	98.98	150.25	3.98	15.5	8.8	10.54
5576	2050	8	21	700	12.03	97.97	140.13	2.96	12.91	28.8	31.53
5577	2050	8	21	800	12.51	97.97	140.13	2.96	9.5	42.5	45.36
5578	2050	8	21	900	13.68	96.95	150.34	2.97	10.5	69.1	73.21
5579	2050	8	21	1000	14.84	94.93	150.25	3.98	21.47	88.4	98.38
5580	2050	8	21	1100	16.01	93.91	160.4	3.98	17.84	113.2	122.45
5581	2050	8	21	1200	16.68	88.85	170.53	3.99	61.65	156.9	190.89
5582	2050	8	21	1300	17.27	83.79	170.72	2.98	51.36	164.2	192.88
5583	2050	8	21	1400	17.95	78.74	180.87	2.98	60.13	147.2	179.65
5584	2050	8	21	1500	17.75	80.76	170.53	3.99	39.15	124.5	143.94
5585	2050	8	21	1600	17.65	82.78	170.53	3.99	184.17	142.6	222.42
5586	2050	8	21	1700	17.46	84.8	160.32	4.99	402.93	173.5	315.52
5587	2050	8	21	1800	17.17	86.82	160.4	3.98	337.46	109.7	197.55
5588	2050	8	21	1900	16.98	89.86	160.4	3.98	180.61	52.9	82.36
5589	2050	8	21	2000	16.68	91.88	160.54	2.97	0	33.72	33.72
5590	2050	8	21	2100	16.01	93.91	160.54	2.97	0	6.66	6.66
5591	2050	8	21	2200	15.33	95.94	171.08	1.97	0	0	0
5592	2050	8	21	2300	14.65	97.97	171.08	1.97	0	0	0
5593	2050	8	22	0	14.55	96.95	160.81	1.96	0	0	0
5594	2050	8	22	100	14.45	95.94	140.42	0.95	0	0	0
5595	2050	8	22	200	14.36	94.93	129.75	0.95	0	0	0
5596	2050	8	22	300	14.36	95.94	140.42	0.95	0	0	0
5597	2050	8	22	400	14.45	95.94	161.67	0.95	0	0	0
5598	2050	8	22	500	14.45	96.95	172.22	0.96	0	1.69	1.69
5599	2050	8	22	600	14.55	96.95	172.22	0.96	28.75	16.2	19.3
5600	2050	8	22	700	14.65	95.94	181.32	1.98	19.64	32.7	36.7
5601	2050	8	22	800	14.74	95.94	181.32	1.98	16.75	53.9	58.89
5602	2050	8	22	900	14.94	94.93	171.08	1.97	15.14	71.8	77.69
5603	2050	8	22	1000	15.13	92.9	171.08	1.97	11.13	69.5	74.6
5604	2050	8	22	1100	15.33	91.88	160.81	1.96	9.63	59.4	64.36
5605	2050	8	22	1200	15.62	89.86	171.08	1.97	12.63	93.3	100.27
5606	2050	8	22	1300	15.91	87.83	170.72	2.98	13.34	102.8	110.21
5607	2050	8	22	1400	16.2	85.81	180.87	2.98	13.49	95	102.26
5608	2050	8	22	1500	16.2	88.85	191	2.99	18.27	113.2	122.15
5609	2050	8	22	1600	16.2	91.88	191	2.99	16.03	94.8	101.66
5610	2050	8	22	1700	16.2	94.93	201.1	3	19.46	86.7	93.4
5611	2050	8	22	1800	16.1	93.91	201.1	3	23.93	58.9	64.95
5612	2050	8	22	1900	15.91	92.9	191	2.99	74.45	52.1	63.86
5613	2050	8	22	2000	15.81	91.88	191	2.99	0	34.22	34.22
5614	2050	8	22	2100	15.23	92.9	191	2.99	0	6.07	6.07
5615	2050	8	22	2200	14.65	92.9	180.87	2.98	0	0	0
5616	2050	8	22	2300	14.07	93.91	180.87	2.98	0	0	0
5617	2050	8	23	0	13.87	94.93	180.87	2.98	0	0	0
5618	2050	8	23	100	13.58	94.93	171.08	1.97	0	0	0
5619	2050	8	23	200	13.39	95.94	171.08	1.97	0	0	0
5620	2050	8	23	300	13.39	96.95	171.08	1.97	0	0	0
5621	2050	8	23	400	13.29	97.97	160.81	1.96	0	0	0
5622	2050	8	23	500	13.29	98.98	160.81	1.96	0	6.07	6.07
5623	2050	8	23	600	13.19	95.94	160.81	1.96	23.07	15.8	18.2
5624	2050	8	23	700	13.19	93.91	150.52	1.96	24.8	55.3	60.28
5625	2050	8	23	800	13.1	90.87	150.52	1.96	24.4	81.5	88.73
5626	2050	8	23	900	13.39	88.85	140.2	1.96	13.41	51.3	56.4
5627	2050	8	23	1000	13.77	87.83	129.75	0.95	94.09	129	171.89
5628	2050	8	23	1100	14.07	85.81	119.1	0.95	84.03	193.1	235.95
5629	2050	8	23	1200	13.97	86.82	97.91	0.96	27.07	130.4	145.03

5630	2050	8	23	1300	13.87	86.82	77.02	0.97	10.27	89.2	94.8
5631	2050	8	23	1400	13.77	87.83	56.52	0.99	15.55	125.5	133.69
5632	2050	8	23	1500	13.87	85.81	38.22	2.02	536.96	162.3	423.55
5633	2050	8	23	1600	14.07	84.8	358.74	2.06	396.37	112.2	279.61
5634	2050	8	23	1700	14.16	82.78	339.48	3.08	87.42	39.5	69.33
5635	2050	8	23	1800	13.48	86.82	349.31	3.08	12.58	11.8	14.92
5636	2050	8	23	1900	12.71	89.86	349.31	3.08	16.24	16.6	19.1
5637	2050	8	23	2000	12.03	93.91	359.15	3.07	0	11.64	11.64
5638	2050	8	23	2100	11.64	94.93	349.31	3.08	0	2.19	2.19
5639	2050	8	23	2200	11.25	94.93	349.31	3.08	0	0	0
5640	2050	8	23	2300	10.86	95.94	339.48	3.08	0	0	0
5641	2050	8	24	0	10.38	95.94	339.48	3.08	0	0	0
5642	2050	8	24	100	9.89	94.93	349.48	4.09	0	0	0
5643	2050	8	24	200	9.41	94.93	349.48	4.09	0	0	0
5644	2050	8	24	300	9.02	94.93	349.48	4.09	0	0	0
5645	2050	8	24	400	8.63	93.91	349.48	4.09	0	0	0
5646	2050	8	24	500	8.25	93.91	349.48	4.09	0	2.79	2.79
5647	2050	8	24	600	8.05	93.91	349.48	4.09	28.03	13.5	16.31
5648	2050	8	24	700	7.86	93.91	339.48	3.08	28.29	46.1	51.63
5649	2050	8	24	800	7.66	93.91	339.48	3.08	19.13	63.5	69.03
5650	2050	8	24	900	7.76	92.9	339.48	3.08	21.62	96.3	104.45
5651	2050	8	24	1000	7.86	92.9	329.75	4.1	25.45	154.3	165.82
5652	2050	8	24	1100	7.95	91.88	329.75	4.1	23.88	169.2	181.24
5653	2050	8	24	1200	8.44	86.82	329.75	4.1	23.32	146.6	159.15
5654	2050	8	24	1300	8.83	82.78	339.61	4.09	47.45	203.8	229.58
5655	2050	8	24	1400	9.31	77.73	339.61	4.09	44.56	226.7	250.07
5656	2050	8	24	1500	9.22	74.71	329.75	4.1	66.45	198.5	230.48
5657	2050	8	24	1600	9.22	71.68	329.8	5.11	37.61	132.4	148.11
5658	2050	8	24	1700	9.12	68.67	319.92	5.11	23.34	84.2	92.01
5659	2050	8	24	1800	9.12	68.67	310.05	5.11	23.53	61.7	67.44
5660	2050	8	24	1900	9.22	68.67	310.05	5.11	24	32.1	35.61
5661	2050	8	24	2000	9.22	68.67	300.17	5.11	0	14.12	14.12
5662	2050	8	24	2100	8.92	70.68	300.17	5.11	0	2.49	2.49
5663	2050	8	24	2200	8.63	71.68	300.14	6.12	0	0	0
5664	2050	8	24	2300	8.34	73.7	300.14	6.12	0	0	0
5665	2050	8	25	0	8.15	80.76	300.14	6.12	0	0	0
5666	2050	8	25	100	8.05	86.82	290.24	6.11	0	0	0
5667	2050	8	25	200	7.86	93.91	290.24	6.11	0	0	0
5668	2050	8	25	300	7.95	93.91	290.24	6.11	0	0	0
5669	2050	8	25	400	8.15	92.9	290.2	7.12	0	0	0
5670	2050	8	25	500	8.25	92.9	290.2	7.12	0	2.79	2.79
5671	2050	8	25	600	8.15	92.9	300.12	7.12	18.83	6.5	8.26
5672	2050	8	25	700	8.15	93.91	310.04	6.12	11.22	18.1	20.19
5673	2050	8	25	800	8.05	93.91	319.94	6.12	11.98	41.1	44.46
5674	2050	8	25	900	8.34	93.91	319.92	5.11	14	71.3	76.49
5675	2050	8	25	1000	8.54	94.93	319.92	5.11	15.53	107.5	114.39
5676	2050	8	25	1100	8.83	94.93	319.9	4.1	18.87	134	143.44
5677	2050	8	25	1200	9.22	93.91	319.9	4.1	21.12	157.6	168.8
5678	2050	8	25	1300	9.51	92.9	319.9	4.1	29.81	194.6	210.58
5679	2050	8	25	1400	9.89	91.88	319.9	4.1	45.82	217.2	240.92
5680	2050	8	25	1500	10.09	89.86	319.9	4.1	37.19	196.8	214.46
5681	2050	8	25	1600	10.28	87.83	329.67	3.09	32.47	150.8	164.13
5682	2050	8	25	1700	10.48	85.81	329.67	3.09	26.01	102.7	111.31
5683	2050	8	25	1800	10.09	86.82	329.67	3.09	40.21	92.4	101.96
5684	2050	8	25	1900	9.8	88.85	319.87	3.09	41.26	39.8	45.56
5685	2050	8	25	2000	9.41	89.86	319.87	3.09	0	9.35	9.35
5686	2050	8	25	2100	9.12	90.87	310.08	3.09	0	1.09	1.09
5687	2050	8	25	2200	8.92	92.9	310.11	2.08	0	0	0
5688	2050	8	25	2300	8.63	93.91	300.41	2.08	0	0	0
5689	2050	8	26	0	8.44	93.91	310.11	2.08	0	0	0
5690	2050	8	26	100	8.34	94.93	310.11	2.08	0	0	0
5691	2050	8	26	200	8.15	94.93	319.81	2.08	0	0	0
5692	2050	8	26	300	8.05	95.94	329.51	2.08	0	0	0
5693	2050	8	26	400	8.05	96.95	347.99	1.06	0	0	0

5694	2050	8	26	500	7.95	97.97	357.53	1.05	0	5.57	5.57
5695	2050	8	26	600	8.25	97.97	347.99	1.06	41.64	15.6	19.3
5696	2050	8	26	700	8.54	96.95	347.99	1.06	36.81	48.2	55.01
5697	2050	8	26	800	8.83	96.95	338.5	1.07	53.43	110.1	125.14
5698	2050	8	26	900	9.12	91.88	7.13	1.05	32.69	126.9	138.96
5699	2050	8	26	1000	9.41	87.83	38.22	2.02	23.52	128.3	138.66
5700	2050	8	26	1100	9.7	82.78	68.38	1.99	46.53	216	239.03
5701	2050	8	26	1200	10.28	75.71	58.27	2	71.14	244.9	282.4
5702	2050	8	26	1300	10.86	67.66	38.22	2.02	53.54	237.8	266.38
5703	2050	8	26	1400	11.45	60.63	28.28	2.03	36.67	206.7	225.5
5704	2050	8	26	1500	11.54	60.63	48.22	2.01	25.36	168.5	180.44
5705	2050	8	26	1600	11.74	59.63	77.02	0.97	24.39	136	145.92
5706	2050	8	26	1700	11.83	59.63	97.91	0.96	27.53	117.1	126.03
5707	2050	8	26	1800	11.45	63.64	119.1	0.95	25.51	75.6	81.47
5708	2050	8	26	1900	11.16	68.67	151.06	0.95	37.75	41.4	46.45
5709	2050	8	26	2000	10.77	72.69	172.22	0.96	0	15.52	15.52
5710	2050	8	26	2100	9.89	78.74	151.06	0.95	0	1.89	1.89
5711	2050	8	26	2200	9.12	83.79	140.42	0.95	0	0	0
5712	2050	8	26	2300	8.25	89.86	119.1	0.95	0	0	0
5713	2050	8	27	0	6.98	91.88	87.42	0.96	0	0	0
5714	2050	8	27	100	5.82	92.9	313.7	0.06	0	0	0
5715	2050	8	27	200	4.56	94.93	313.7	0.06	0	0	0
5716	2050	8	27	300	3.59	94.93	313.7	0.06	0	0	0
5717	2050	8	27	400	2.72	95.94	313.7	0.06	0	0	0
5718	2050	8	27	500	1.75	96.22	313.7	0.06	0	6.86	6.86
5719	2050	8	27	600	3.1	96.95	313.7	0.06	0	51.43	51.43
5720	2050	8	27	700	4.56	96.95	313.7	0.06	220.31	58	97.58
5721	2050	8	27	800	5.92	97.97	313.7	0.06	179.99	116.4	166.02
5722	2050	8	27	900	8.15	88.85	26.59	1.03	189.25	159.3	227.99
5723	2050	8	27	1000	10.28	79.75	98.98	1.97	166.08	207.9	280.41
5724	2050	8	27	1100	12.51	70.68	129.92	2.96	452.71	191.1	413.11
5725	2050	8	27	1200	13.58	64.64	129.92	2.96	672.86	132.8	483.83
5726	2050	8	27	1300	14.55	57.62	140.13	2.96	448.76	143.4	380.18
5727	2050	8	27	1400	15.62	51.61	140.13	2.96	263.31	151	284.89
5728	2050	8	27	1500	15.52	50.61	140.13	2.96	98.41	136.4	182.13
5729	2050	8	27	1600	15.42	50.61	150.34	2.97	356.96	145.7	288.47
5730	2050	8	27	1700	15.33	49.61	150.34	2.97	197.49	104.9	167.71
5731	2050	8	27	1800	14.55	54.61	140.13	2.96	382.95	59.4	145.63
5732	2050	8	27	1900	13.87	59.63	129.92	2.96	216.35	31.2	58.89
5733	2050	8	27	2000	13.1	64.64	119.71	2.97	0	16.81	16.81
5734	2050	8	27	2100	11.74	71.68	119.71	2.97	0	3.08	3.08
5735	2050	8	27	2200	10.28	79.75	109.26	1.96	0	0	0
5736	2050	8	27	2300	8.92	86.82	109.26	1.96	0	0	0
5737	2050	8	28	0	8.63	90.87	109.26	1.96	0	0	0
5738	2050	8	28	100	8.25	93.91	109.26	1.96	0	0	0
5739	2050	8	28	200	7.95	97.97	109.26	1.96	0	0	0
5740	2050	8	28	300	8.73	95.94	109.26	1.96	0	0	0
5741	2050	8	28	400	9.41	92.9	99.33	2.98	0	0	0
5742	2050	8	28	500	10.19	90.87	99.33	2.98	0	4.68	4.68
5743	2050	8	28	600	10.77	88.85	99.33	2.98	0	14.62	14.62
5744	2050	8	28	700	11.25	85.81	88.74	1.97	17.33	39.3	42.28
5745	2050	8	28	800	11.83	83.79	88.74	1.97	13.4	51.7	55.31
5746	2050	8	28	900	12.13	81.77	98.98	1.97	12.2	62.8	67.14
5747	2050	8	28	1000	12.32	78.74	99.33	2.98	13.63	89.2	95.09
5748	2050	8	28	1100	12.61	76.72	109.51	2.97	10.76	80.7	85.94
5749	2050	8	28	1200	12.9	76.72	109.51	2.97	9.75	78.1	83.16
5750	2050	8	28	1300	13.1	76.72	119.56	1.96	9.65	78.1	83.16
5751	2050	8	28	1400	13.39	76.72	119.56	1.96	10.56	92.3	97.58
5752	2050	8	28	1500	13.48	76.72	129.88	1.96	12	98.9	104.45
5753	2050	8	28	1600	13.48	77.73	140.42	0.95	11.13	83.2	87.63
5754	2050	8	28	1700	13.58	77.73	151.06	0.95	14.73	64.2	68.83
5755	2050	8	28	1800	13.39	79.75	140.42	0.95	16.01	45.6	49.14
5756	2050	8	28	1900	13.19	81.77	129.75	0.95	19.14	24.4	26.76
5757	2050	8	28	2000	13	83.79	119.1	0.95	0	7.16	7.16

5758	2050	8	28	2100	12.8	84.8	129.75	0.95	0	0.6	0.6
5759	2050	8	28	2200	12.71	86.82	129.88	1.96	0	0	0
5760	2050	8	28	2300	12.51	87.83	140.2	1.96	0	0	0
5761	2050	8	29	0	12.32	90.87	140.2	1.96	0	0	0
5762	2050	8	29	100	12.22	94.93	150.52	1.96	0	0	0
5763	2050	8	29	200	12.03	97.97	150.52	1.96	0	0	0
5764	2050	8	29	300	12.22	97.97	140.2	1.96	0	0	0
5765	2050	8	29	400	12.32	97.97	140.2	1.96	0	0	0
5766	2050	8	29	500	12.51	97.97	129.88	1.96	0	2.49	2.49
5767	2050	8	29	600	13	97.97	150.52	1.96	0	9.35	9.35
5768	2050	8	29	700	13.58	96.95	181.32	1.98	18.13	24.3	27.35
5769	2050	8	29	800	14.07	96.95	201.65	1.99	128.18	96.4	130.41
5770	2050	8	29	900	14.74	89.86	201.65	1.99	130.94	136.7	182.93
5771	2050	8	29	1000	15.33	82.78	191	2.99	72.92	135.8	166.91
5772	2050	8	29	1100	16.01	75.71	191	2.99	237.24	207.4	321.39
5773	2050	8	29	1200	15.81	77.73	201.1	3	204.28	252.6	357
5774	2050	8	29	1300	15.62	79.75	201.1	3	79.57	204.5	245.6
5775	2050	8	29	1400	15.42	81.77	211.16	3.01	191.79	157.6	253.06
5776	2050	8	29	1500	15.91	76.72	211.16	3.01	213.1	175.5	272.15
5777	2050	8	29	1600	16.49	72.69	210.87	4.02	243.28	162.3	256.74
5778	2050	8	29	1700	16.98	67.66	210.87	4.02	379.62	112.8	229.08
5779	2050	8	29	1800	16.3	71.68	210.87	4.02	218.77	74.5	121.06
5780	2050	8	29	1900	15.62	75.71	201.1	3	123.21	42.1	56.4
5781	2050	8	29	2000	14.94	79.75	201.1	3	0	12.73	12.73
5782	2050	8	29	2100	13.48	84.8	181.32	1.98	0	0.6	0.6
5783	2050	8	29	2200	12.13	89.86	160.81	1.96	0	0	0
5784	2050	8	29	2300	10.67	94.93	140.42	0.95	0	0	0
5785	2050	8	30	0	11.45	95.94	161.67	0.95	0	0	0
5786	2050	8	30	100	12.22	95.94	191.51	1.98	0	0	0
5787	2050	8	30	200	13	96.95	211.74	2	0	0	0
5788	2050	8	30	300	13.1	95.94	221.78	2.01	0	0	0
5789	2050	8	30	400	13.19	94.93	231.77	2.03	0	0	0
5790	2050	8	30	500	13.29	93.91	241.7	2.04	0	2.19	2.19
5791	2050	8	30	600	13.48	90.87	241.7	2.04	0	11.34	11.34
5792	2050	8	30	700	13.68	87.83	231.77	2.03	22.08	30.9	34.52
5793	2050	8	30	800	13.87	84.8	231.77	2.03	25.79	76	82.66
5794	2050	8	30	900	14.84	78.74	241.7	2.04	124.99	139.9	183.43
5795	2050	8	30	1000	15.71	71.68	251.06	3.06	249.12	170.5	275.44
5796	2050	8	30	1100	16.68	65.65	260.95	3.06	596.75	140.3	423.85
5797	2050	8	30	1200	17.17	60.63	260.95	3.06	724.73	124.1	490.69
5798	2050	8	30	1300	17.65	56.62	251.06	3.06	447.72	143.9	373.02
5799	2050	8	30	1400	18.14	51.61	251.06	3.06	292.36	164.6	308.36
5800	2050	8	30	1500	18.53	49.61	251.06	3.06	521.7	169.6	403.16
5801	2050	8	30	1600	19.01	48.61	250.79	4.06	461.07	148.9	325.17
5802	2050	8	30	1700	19.4	46.61	250.79	4.06	451.69	112.8	248.38
5803	2050	8	30	1800	18.14	54.61	231.18	3.03	442.09	68	159.45
5804	2050	8	30	1900	16.98	61.63	221.19	3.02	415.19	41	86.44
5805	2050	8	30	2000	15.71	69.67	201.65	1.99	0	21.58	21.59
5806	2050	8	30	2100	13.77	77.73	181.32	1.98	0	1.69	1.69
5807	2050	8	30	2200	11.83	84.8	171.08	1.97	0	0	0
5808	2050	8	30	2300	9.89	92.9	150.52	1.96	0	0	0
5809	2050	8	31	0	9.02	92.9	150.52	1.96	0	0	0
5810	2050	8	31	100	8.05	93.91	151.06	0.95	0	0	0
5811	2050	8	31	200	7.18	93.91	151.06	0.95	0	0	0
5812	2050	8	31	300	6.6	93.91	151.06	0.95	0	0	0
5813	2050	8	31	400	5.92	94.93	151.06	0.95	0	0	0
5814	2050	8	31	500	5.34	94.93	151.06	0.95	0	5.57	5.57
5815	2050	8	31	600	7.18	95.94	151.06	0.95	0	28.75	28.75
5816	2050	8	31	700	9.02	95.94	161.67	0.95	534.47	32.3	117.48
5817	2050	8	31	800	10.86	96.95	161.67	0.95	671.02	43.3	214.46
5818	2050	8	31	900	13.39	81.77	160.81	1.96	764.49	47.2	309.16
5819	2050	8	31	1000	15.81	65.65	160.81	1.96	812.98	53.7	391.82
5820	2050	8	31	1100	18.33	50.61	160.54	2.97	841.33	61	456.18
5821	2050	8	31	1200	18.92	49.61	140.13	2.96	845.67	67.7	490.99

5822	2050	8	31	1300	19.5	48.61	109.51	2.97	857.32	76.7	510.59
5823	2050	8	31	1400	20.08	47.61	89.17	2.98	855.66	117.3	533.27
5824	2050	8	31	1500	19.69	47.61	89.17	2.98	707.67	121	433.8
5825	2050	8	31	1600	19.01	49.61	98.98	1.97	641.35	94	335.42
5826	2050	8	31	1700	17.95	51.61	98.98	1.97	517.69	85.7	237.94
5827	2050	8	31	1800	16.49	54.61	109.26	1.96	317.64	66.7	130.41
5828	2050	8	31	1900	14.84	56.62	119.56	1.96	197.09	32.2	52.52
5829	2050	8	31	2000	13	58.62	129.88	1.96	0	14.12	14.12
5830	2050	8	31	2100	11.06	60.63	119.56	1.96	0	1.69	1.69
5831	2050	8	31	2200	9.22	62.64	119.1	0.95	0	0	0
5832	2050	8	31	2300	7.47	64.64	108.48	0.95	0	0	0
5833	2050	9	1	0	5.96	68.84	358.04	2.94	0	0	0
5834	2050	9	1	100	4.64	70.81	347.04	1.97	0	0	0
5835	2050	9	1	200	3.5	72.77	337.11	1.99	0	0	0
5836	2050	9	1	300	2.74	74.74	337.11	1.99	0	0	0
5837	2050	9	1	400	2.27	76.7	337.11	1.99	0	0	0
5838	2050	9	1	500	2.08	78.73	337.11	1.99	0	5.46	5.46
5839	2050	9	1	600	2.18	81.59	337.11	1.99	0	48.42	48.41
5840	2050	9	1	700	2.55	83.54	347.04	1.97	632.27	30.5	131.21
5841	2050	9	1	800	2.65	85.49	347.04	1.97	704.2	52.4	231.93
5842	2050	9	1	900	3.69	79.64	357.05	1.95	699.57	69.9	309.56
5843	2050	9	1	1000	4.64	73.76	18.26	2.9	773.17	68.4	389.92
5844	2050	9	1	1100	5.68	67.85	28.45	2.89	547.64	130.3	387.49
5845	2050	9	1	1200	6.06	62.91	18.26	2.9	481.41	180.1	420.99
5846	2050	9	1	1300	6.53	57.95	18.26	2.9	202.32	208	310.34
5847	2050	9	1	1400	6.91	52.97	8.12	2.92	44.58	181.3	202.9
5848	2050	9	1	1500	7.1	51.97	358.04	2.94	22.15	166.4	176.11
5849	2050	9	1	1600	7.38	51.97	348.02	2.96	153.84	151.3	209.13
5850	2050	9	1	1700	7.57	50.97	338.06	2.97	74.75	114.7	136.66
5851	2050	9	1	1800	6.82	60.93	358.04	2.94	35.25	70.1	77.15
5852	2050	9	1	1900	6.06	70.81	17.36	1.92	47.88	33.4	38.38
5853	2050	9	1	2000	5.3	80.61	38.02	1.89	0	10.04	10.03
5854	2050	9	1	2100	4.92	84.51	17.36	1.92	0	0.78	0.78
5855	2050	9	1	2200	4.45	87.43	4.24	0.95	0	0	0
5856	2050	9	1	2300	4.07	91.31	344.09	0.99	0	0	0
5857	2050	9	2	0	3.41	92.28	334.28	1.01	0	0	0
5858	2050	9	2	100	2.84	94.22	334.28	1.01	0	0	0
5859	2050	9	2	200	2.18	95.18	324.63	1.02	0	0	0
5860	2050	9	2	300	1.51	95.81	315.12	1.04	0	0	0
5861	2050	9	2	400	0.85	96.43	315.12	1.04	0	0	0
5862	2050	9	2	500	0.19	97.07	305.74	1.05	0	4.29	4.29
5863	2050	9	2	600	1.23	95.1	324.63	1.02	0	44.43	44.42
5864	2050	9	2	700	2.37	94.22	334.28	1.01	585.88	31.3	121.47
5865	2050	9	2	800	3.41	93.25	354.07	0.97	709.59	44.4	221.6
5866	2050	9	2	900	4.83	79.64	14.6	0.94	774.83	54.1	315.5
5867	2050	9	2	1000	6.25	64.89	27.65	1.91	809.03	61.2	393.43
5868	2050	9	2	1100	7.67	50.97	48.45	1.88	650.86	66.6	368.78
5869	2050	9	2	1200	8.52	46.96	80	1.87	787.44	71.2	461.03
5870	2050	9	2	1300	9.47	42.95	134.86	0.92	746.8	85.4	459.18
5871	2050	9	2	1400	10.32	38.92	165.93	0.97	842.35	128.1	532.72
5872	2050	9	2	1500	10.04	40.93	175.91	0.99	437.77	143.6	334.4
5873	2050	9	2	1600	9.75	42.95	195.37	1.02	87.03	142.6	174.75
5874	2050	9	2	1700	9.47	44.96	204.87	1.04	24.64	102.8	109.88
5875	2050	9	2	1800	8.14	52.97	204.87	1.04	67.38	61.6	74.71
5876	2050	9	2	1900	6.72	61.92	212.2	2.04	104.97	23.1	33.31
5877	2050	9	2	2000	5.4	69.82	212.2	2.04	0	6.53	6.53
5878	2050	9	2	2100	3.98	77.68	202.5	2.02	0	0.29	0.29
5879	2050	9	2	2200	2.46	85.49	202.5	2.02	0	0	0
5880	2050	9	2	2300	1.04	94.3	192.74	2.01	0	0	0
5881	2050	9	3	0	1.51	90.94	192.74	2.01	0	0	0
5882	2050	9	3	100	2.08	88.49	201.68	3.01	0	0	0
5883	2050	9	3	200	2.55	85.49	201.68	3.01	0	0	0
5884	2050	9	3	300	2.65	84.51	201.68	3.01	0	0	0
5885	2050	9	3	400	2.84	82.57	191.38	3.97	0	0	0

5886	2050	9	3	500	2.93	81.59	191.38	3.97	0	4.87	4.87
5887	2050	9	3	600	3.79	79.64	191.38	3.97	0	19.48	19.48
5888	2050	9	3	700	4.54	78.66	201.02	4.98	18.57	41.1	43.83
5889	2050	9	3	800	5.4	76.7	201.02	4.98	12.63	70.3	73.35
5890	2050	9	3	900	5.77	78.66	201.02	4.98	9.04	92.6	95.56
5891	2050	9	3	1000	6.25	79.64	191.11	4.96	8.77	112	115.52
5892	2050	9	3	1100	6.63	81.59	191.11	4.96	7.03	113.1	116.3
5893	2050	9	3	1200	6.72	84.51	191.11	4.96	6.63	105.3	108.51
5894	2050	9	3	1300	6.82	88.4	191.11	4.96	5.89	90.3	93.12
5895	2050	9	3	1400	6.91	91.31	191.11	4.96	5.76	83.9	86.59
5896	2050	9	3	1500	7.01	92.28	191.11	4.96	5.15	71.6	73.83
5897	2050	9	3	1600	7.2	94.22	201.02	4.98	6.23	58.6	60.88
5898	2050	9	3	1700	7.29	95.18	201.02	4.98	7.81	31.1	33.31
5899	2050	9	3	1800	7.38	96.15	201.02	4.98	9.98	15.2	17.05
5900	2050	9	3	1900	7.48	97.11	201.27	3.99	20.14	7.1	8.96
5901	2050	9	3	2000	7.57	98.07	201.27	3.99	0	3.8	3.8
5902	2050	9	3	2100	7.86	98.07	201.68	3.01	0	0.58	0.58
5903	2050	9	3	2200	8.14	98.07	201.68	3.01	0	0	0
5904	2050	9	3	2300	8.43	98.07	202.5	2.02	0	0	0
5905	2050	9	4	0	8.81	98.07	221.83	2.05	0	0	0
5906	2050	9	4	100	9.28	99.04	231.42	2.06	0	0	0
5907	2050	9	4	200	9.66	99.04	250.49	2.07	0	0	0
5908	2050	9	4	300	7.95	98.07	250.49	2.07	0	0	0
5909	2050	9	4	400	6.25	98.07	250.49	2.07	0	0	0
5910	2050	9	4	500	4.54	97.11	250.49	2.07	0	4.29	4.29
5911	2050	9	4	600	6.25	96.15	240.97	2.07	0	42.77	42.76
5912	2050	9	4	700	7.86	95.18	241.85	1.08	591.1	27.8	112.6
5913	2050	9	4	800	9.56	94.22	232.72	1.07	699.54	35.5	202.9
5914	2050	9	4	900	10.98	83.54	240.97	2.07	779.17	41.8	296.51
5915	2050	9	4	1000	12.5	71.79	250.49	2.07	826.79	45.6	376.38
5916	2050	9	4	1100	13.92	60.93	260	3.06	825.93	84.2	458.89
5917	2050	9	4	1200	14.3	57.95	269.67	3.05	662.79	136.4	457.23
5918	2050	9	4	1300	14.68	53.96	289.04	3.04	648.81	140.6	458.11
5919	2050	9	4	1400	15.06	50.97	298.76	3.03	288.72	134.4	269.72
5920	2050	9	4	1500	14.58	50.97	308.52	3.02	252.12	119.5	226.47
5921	2050	9	4	1600	14.01	50.97	318.73	3.99	540.56	84	277.61
5922	2050	9	4	1700	13.54	50.97	328.62	3.97	387.51	81.1	187.8
5923	2050	9	4	1800	12.12	58.94	318.32	3.01	449.81	42.2	123.9
5924	2050	9	4	1900	10.7	67.85	308.52	3.02	0	43.26	43.25
5925	2050	9	4	2000	9.28	75.72	298.17	2.05	0	7.6	7.6
5926	2050	9	4	2100	7.48	81.59	288.58	2.06	0	0.58	0.58
5927	2050	9	4	2200	5.77	87.43	288.58	2.06	0	0	0
5928	2050	9	4	2300	3.98	93.25	279.03	2.07	0	0	0
5929	2050	9	5	0	3.69	95.18	288.58	2.06	0	0	0
5930	2050	9	5	100	3.5	96.15	288.58	2.06	0	0	0
5931	2050	9	5	200	3.22	98.07	298.17	2.05	0	0	0
5932	2050	9	5	300	2.27	97.11	288.58	2.06	0	0	0
5933	2050	9	5	400	1.23	97.05	145.4	0.94	0	0	0
5934	2050	9	5	500	0.28	96.98	134.86	0.92	0	1.66	1.66
5935	2050	9	5	600	2.08	96.24	124.14	0.91	0	36.24	36.24
5936	2050	9	5	700	3.98	96.15	124.14	0.91	598.68	29.5	112.31
5937	2050	9	5	800	5.77	97.11	113.26	0.9	555.87	51.2	181.27
5938	2050	9	5	900	8.33	83.54	145.4	0.94	598.69	75.9	268.45
5939	2050	9	5	1000	10.79	70.81	212.2	2.04	482.22	102.7	293
5940	2050	9	5	1100	13.35	56.95	240.97	2.07	779.77	72.5	422.07
5941	2050	9	5	1200	14.2	55.96	240.97	2.07	657.58	155.6	470.28
5942	2050	9	5	1300	15.15	53.96	250.33	3.05	140.93	206.3	274.4
5943	2050	9	5	1400	16	52.97	250.33	3.05	45.94	197.2	218.39
5944	2050	9	5	1500	15.81	54.96	240.66	3.05	42.26	165.3	182.93
5945	2050	9	5	1600	15.72	55.96	240.97	2.07	47.78	121.2	138.03
5946	2050	9	5	1700	15.53	57.95	231.42	2.06	23.51	68.9	75.2
5947	2050	9	5	1800	14.96	63.9	240.97	2.07	19.7	29.6	33.02
5948	2050	9	5	1900	14.3	70.81	240.97	2.07	0	13.54	13.54
5949	2050	9	5	2000	13.73	76.7	250.49	2.07	0	2.14	2.14

5950	2050	9	5	2100	12.78	81.59	250.49	2.07	0	0	0
5951	2050	9	5	2200	11.84	85.49	260	1.09	0	0	0
5952	2050	9	5	2300	10.89	90.34	260	1.09	0	0	0
5953	2050	9	6	0	10.6	92.28	250.93	1.09	0	0	0
5954	2050	9	6	100	10.41	95.18	240.97	2.07	0	0	0
5955	2050	9	6	200	10.13	97.11	231.42	2.06	0	0	0
5956	2050	9	6	300	9.75	96.15	231.42	2.06	0	0	0
5957	2050	9	6	400	9.37	95.18	241.85	1.08	0	0	0
5958	2050	9	6	500	8.99	94.22	241.85	1.08	0	2.14	2.14
5959	2050	9	6	600	9.66	94.22	269.06	1.09	0	24.36	24.36
5960	2050	9	6	700	10.41	94.22	259.99	0.1	380.92	42.5	93.12
5961	2050	9	6	800	11.08	94.22	259.99	0.1	407.86	60.5	153.71
5962	2050	9	6	900	12.97	81.59	259.99	0.1	485.58	86.5	240.01
5963	2050	9	6	1000	14.96	67.85	315.12	1.04	701.72	83.7	356.9
5964	2050	9	6	1100	16.85	54.96	296.47	1.06	759.77	77	413.4
5965	2050	9	6	1200	17.61	52.97	279.03	2.07	676.9	88.7	408.82
5966	2050	9	6	1300	18.46	50.97	250.49	2.07	613.29	113.1	406.09
5967	2050	9	6	1400	19.22	48.97	230.96	3.04	626.52	103.2	389.63
5968	2050	9	6	1500	19.13	48.97	240.97	2.07	720.52	70	366.93
5969	2050	9	6	1600	19.13	47.97	250.49	2.07	626.16	71.1	287.64
5970	2050	9	6	1700	19.03	47.97	260	1.09	420.84	71.3	181.86
5971	2050	9	6	1800	16.85	59.93	250.93	1.09	469.04	40.9	120.1
5972	2050	9	6	1900	14.68	72.77	241.85	1.08	0	47.64	47.63
5973	2050	9	6	2000	12.5	84.51	232.72	1.07	0	6.53	6.53
5974	2050	9	6	2100	11.93	87.43	204.87	1.04	0	0	0
5975	2050	9	6	2200	11.36	89.37	165.93	0.97	0	0	0
5976	2050	9	6	2300	10.79	92.28	134.86	0.92	0	0	0
5977	2050	9	7	0	11.27	93.25	145.4	0.94	0	0	0
5978	2050	9	7	100	11.84	93.25	162.95	1.95	0	0	0
5979	2050	9	7	200	12.31	94.22	172.96	1.97	0	0	0
5980	2050	9	7	300	12.21	94.22	172.96	1.97	0	0	0
5981	2050	9	7	400	12.12	93.25	172.96	1.97	0	0	0
5982	2050	9	7	500	12.02	93.25	172.96	1.97	0	1.36	1.36
5983	2050	9	7	600	12.02	90.34	172.96	1.97	0	19.19	19.19
5984	2050	9	7	700	12.02	87.43	172.96	1.97	376.31	33.7	81.72
5985	2050	9	7	800	12.02	84.51	172.96	1.97	611.96	45.7	182.35
5986	2050	9	7	900	13.73	74.74	181.94	2.97	686.66	59.3	272.74
5987	2050	9	7	1000	15.43	64.89	181.45	3.96	758.93	64.8	356.12
5988	2050	9	7	1100	17.14	54.96	191.11	4.96	610.64	105.3	372.29
5989	2050	9	7	1200	17.99	54.96	191.11	4.96	639.48	101.9	400.73
5990	2050	9	7	1300	18.75	53.96	181.16	4.94	504.69	132.5	370.73
5991	2050	9	7	1400	19.6	53.96	181.16	4.94	701.16	94.9	411.25
5992	2050	9	7	1500	19.32	51.97	201.02	4.98	425.37	101.7	274.4
5993	2050	9	7	1600	18.94	50.97	210.9	4.99	489.39	93.9	259.98
5994	2050	9	7	1700	18.65	48.97	230.58	5.01	450.29	71.3	186.73
5995	2050	9	7	1800	17.04	59.93	220.93	4.02	293.31	50.3	97.99
5996	2050	9	7	1900	15.53	69.82	211.12	4.01	0	33.03	33.02
5997	2050	9	7	2000	13.92	80.61	201.68	3.01	0	6.24	6.23
5998	2050	9	7	2100	13.54	82.57	201.68	3.01	0	0.58	0.58
5999	2050	9	7	2200	13.16	84.51	191.38	3.97	0	0	0
6000	2050	9	7	2300	12.78	86.46	191.38	3.97	0	0	0
6001	2050	9	8	0	12.21	87.43	201.27	3.99	0	0	0
6002	2050	9	8	100	11.65	87.43	201.68	3.01	0	0	0
6003	2050	9	8	200	11.08	88.4	211.48	3.02	0	0	0
6004	2050	9	8	300	10.23	89.37	202.5	2.02	0	0	0
6005	2050	9	8	400	9.47	89.37	202.5	2.02	0	0	0
6006	2050	9	8	500	8.62	90.34	195.37	1.02	0	0	0
6007	2050	9	8	600	9.56	90.34	192.74	2.01	0	5.65	5.65
6008	2050	9	8	700	10.51	90.34	202.5	2.02	15.03	19	20.85
6009	2050	9	8	800	11.46	90.34	201.68	3.01	10.03	43.3	45.49
6010	2050	9	8	900	12.21	89.37	201.68	3.01	10.5	64.2	67.41
6011	2050	9	8	1000	12.97	87.43	212.2	2.04	8.65	91.4	94.68
6012	2050	9	8	1100	13.73	86.46	212.2	2.04	11.92	128	133.16
6013	2050	9	8	1200	14.77	78.66	211.48	3.02	144.97	194.3	261.15

6014	2050	9	8	1300	15.81	70.81	201.68	3.01	595.43	147.8	425.38
6015	2050	9	8	1400	16.85	62.91	201.27	3.99	756.64	82.8	419.63
6016	2050	9	8	1500	16.85	63.9	201.27	3.99	719.12	71.5	359.04
6017	2050	9	8	1600	16.85	64.89	201.27	3.99	672.79	64	288.13
6018	2050	9	8	1700	16.85	65.88	201.27	3.99	608.64	51.3	203.48
6019	2050	9	8	1800	15.72	69.82	201.27	3.99	493.76	34.4	111.43
6020	2050	9	8	1900	14.49	74.74	201.68	3.01	0	37.9	37.89
6021	2050	9	8	2000	13.35	78.66	201.68	3.01	0	4.58	4.58
6022	2050	9	8	2100	12.12	83.54	181.94	2.97	0	0	0
6023	2050	9	8	2200	10.79	87.43	142.64	1.92	0	0	0
6024	2050	9	8	2300	9.56	92.28	121.99	1.89	0	0	0
6025	2050	9	9	0	9.85	94.22	152.84	1.94	0	0	0
6026	2050	9	9	100	10.23	97.11	185.72	1.01	0	0	0
6027	2050	9	9	200	10.51	99.04	214.25	1.05	0	0	0
6028	2050	9	9	300	10.7	98.07	223.53	1.06	0	0	0
6029	2050	9	9	400	10.79	98.07	221.83	2.05	0	0	0
6030	2050	9	9	500	10.98	97.11	231.42	2.06	0	0	0
6031	2050	9	9	600	10.89	97.11	231.42	2.06	0	5.16	5.16
6032	2050	9	9	700	10.7	97.11	240.97	2.07	24.93	17.6	20.55
6033	2050	9	9	800	10.6	97.11	240.97	2.07	13.4	48.6	51.43
6034	2050	9	9	900	10.89	96.15	231.42	2.06	10.63	64.2	67.41
6035	2050	9	9	1000	11.27	94.22	214.25	1.05	7.28	79.8	82.5
6036	2050	9	9	1100	11.55	93.25	204.87	1.04	6.51	107.6	110.36
6037	2050	9	9	1200	13.16	86.46	195.37	1.02	22.36	173.1	183.22
6038	2050	9	9	1300	14.77	79.64	185.72	1.01	408.82	158.7	346.87
6039	2050	9	9	1400	16.38	72.77	175.91	0.99	621.21	111.7	384.47
6040	2050	9	9	1500	17.14	67.85	204.87	1.04	615.11	105.4	347.45
6041	2050	9	9	1600	17.9	63.9	231.42	2.06	572.95	86	273.32
6042	2050	9	9	1700	18.65	58.94	260	2.07	474.07	65.8	181.27
6043	2050	9	9	1800	16.57	69.82	240.97	2.07	359.51	42	95.75
6044	2050	9	9	1900	14.39	79.64	223.53	1.06	0	24.36	24.35
6045	2050	9	9	2000	12.31	90.34	204.87	1.04	0	2.14	2.14
6046	2050	9	9	2100	10.89	92.28	175.91	0.99	0	0	0
6047	2050	9	9	2200	9.47	94.22	124.14	0.91	0	0	0
6048	2050	9	9	2300	8.05	96.15	91.15	0.88	0	0	0
6049	2050	9	10	0	7.57	97.11	113.26	0.9	0	0	0
6050	2050	9	10	100	7.01	98.07	134.86	0.92	0	0	0
6051	2050	9	10	200	6.53	99.04	155.76	0.95	0	0	0
6052	2050	9	10	300	6.06	98.07	155.76	0.95	0	0	0
6053	2050	9	10	400	5.49	98.07	155.76	0.95	0	0	0
6054	2050	9	10	500	5.02	97.11	155.76	0.95	0	0	0
6055	2050	9	10	600	5.96	98.07	165.93	0.97	0	10.33	10.33
6056	2050	9	10	700	7.01	98.07	165.93	0.97	241.88	37.4	64.39
6057	2050	9	10	800	7.95	99.04	175.91	0.99	144.87	82.6	112.6
6058	2050	9	10	900	10.41	93.25	165.93	0.97	108.22	137.8	169.68
6059	2050	9	10	1000	12.78	86.46	165.93	0.97	542.5	100.2	299.53
6060	2050	9	10	1100	15.24	80.61	155.76	0.95	732.31	73	380.96
6061	2050	9	10	1200	17.33	68.84	185.72	1.01	773.15	67.6	415.64
6062	2050	9	10	1300	19.41	56.95	212.2	2.04	774.38	92.9	444.86
6063	2050	9	10	1400	21.49	44.96	240.97	2.07	769.12	88.5	421.58
6064	2050	9	10	1500	21.02	45.96	231.42	2.06	732.72	69.8	353.69
6065	2050	9	10	1600	20.45	45.96	221.83	2.05	668.41	61.5	275.76
6066	2050	9	10	1700	19.98	46.96	212.2	2.04	568.25	49.1	183.71
6067	2050	9	10	1800	17.52	60.93	212.2	2.04	480.83	35.7	104.42
6068	2050	9	10	1900	15.06	73.76	202.5	2.02	0	32.44	32.44
6069	2050	9	10	2000	12.59	87.43	202.5	2.02	0	3.51	3.51
6070	2050	9	10	2100	11.08	89.37	182.89	1.99	0	0	0
6071	2050	9	10	2200	9.56	91.31	175.91	0.99	0	0	0
6072	2050	9	10	2300	8.05	93.25	155.76	0.95	0	0	0
6073	2050	9	11	0	7.1	94.22	155.76	0.95	0	0	0
6074	2050	9	11	100	6.25	94.22	152.84	1.94	0	0	0
6075	2050	9	11	200	5.3	95.18	152.84	1.94	0	0	0
6076	2050	9	11	300	5.02	95.18	152.84	1.94	0	0	0
6077	2050	9	11	400	4.64	96.15	155.76	0.95	0	0	0

6078	2050	9	11	500	4.35	96.15	155.76	0.95	0	0	0
6079	2050	9	11	600	6.53	96.15	165.93	0.97	0	11.59	11.59
6080	2050	9	11	700	8.71	97.11	162.95	1.95	543.38	23.7	81.43
6081	2050	9	11	800	10.89	97.11	172.96	1.97	574.11	35.5	151.27
6082	2050	9	11	900	13.26	84.51	182.89	1.99	708.83	42.4	247.32
6083	2050	9	11	1000	15.62	72.77	201.68	3.01	775.04	48.3	328.75
6084	2050	9	11	1100	17.99	59.93	211.48	3.02	818.73	50	389.63
6085	2050	9	11	1200	19.13	53.96	221.24	3.03	842.07	50.9	425.08
6086	2050	9	11	1300	20.26	48.97	221.24	3.03	846.03	50.2	429.66
6087	2050	9	11	1400	21.4	42.95	230.96	3.04	826.88	50.4	403.46
6088	2050	9	11	1500	20.83	41.94	230.96	3.04	779.93	53.4	350.67
6089	2050	9	11	1600	20.26	41.94	240.5	4.03	670.24	55.7	266.21
6090	2050	9	11	1700	19.7	40.93	240.5	4.03	594.45	46	182.93
6091	2050	9	11	1800	17.71	47.97	230.73	4.03	555.98	27.2	103.06
6092	2050	9	11	1900	15.81	54.96	230.96	3.04	0	30.3	30.29
6093	2050	9	11	2000	13.82	61.92	221.24	3.03	0	3.02	3.02
6094	2050	9	11	2100	13.16	68.84	221.24	3.03	0	0	0
6095	2050	9	11	2200	12.4	75.72	230.96	3.04	0	0	0
6096	2050	9	11	2300	11.74	82.57	230.96	3.04	0	0	0
6097	2050	9	12	0	10.51	86.46	231.42	2.06	0	0	0
6098	2050	9	12	100	9.37	91.31	240.97	2.07	0	0	0
6099	2050	9	12	200	8.14	95.18	241.85	1.08	0	0	0
6100	2050	9	12	300	7.95	95.18	214.25	1.05	0	0	0
6101	2050	9	12	400	7.67	96.15	132.35	1.91	0	0	0
6102	2050	9	12	500	7.48	96.15	101.07	1.87	0	0	0
6103	2050	9	12	600	8.62	95.18	121.99	1.89	0	16.47	16.46
6104	2050	9	12	700	9.85	93.25	134.86	0.92	446.78	39.9	84.94
6105	2050	9	12	800	10.98	92.28	155.76	0.95	591.2	55.1	171.05
6106	2050	9	12	900	12.21	84.51	182.89	1.99	701.42	51.4	250.24
6107	2050	9	12	1000	13.35	77.68	231.42	2.06	757.62	56.7	326.61
6108	2050	9	12	1100	14.58	69.82	260	3.06	746.47	70.4	375.8
6109	2050	9	12	1200	14.2	72.77	250.33	3.05	485.78	133.1	346.09
6110	2050	9	12	1300	13.73	75.72	250.49	2.07	83.09	176.5	213.22
6111	2050	9	12	1400	13.35	78.66	240.97	2.07	91.18	174.3	212.64
6112	2050	9	12	1500	13.35	77.68	231.42	2.06	210.18	166.1	244.88
6113	2050	9	12	1600	13.35	77.68	221.83	2.05	349.91	97.5	205.14
6114	2050	9	12	1700	13.35	76.7	212.2	2.04	311.84	53.8	123.61
6115	2050	9	12	1800	12.02	82.57	232.72	1.07	155.87	39.9	60.1
6116	2050	9	12	1900	10.7	87.43	334.28	1.01	0	17.05	17.05
6117	2050	9	12	2000	9.37	93.25	259.99	0.1	0	1.66	1.66
6118	2050	9	12	2100	9.09	94.22	259.99	0.1	0	0	0
6119	2050	9	12	2200	8.81	95.18	354.07	0.97	0	0	0
6120	2050	9	12	2300	8.52	96.15	185.72	1.01	0	0	0
6121	2050	9	13	0	8.81	96.15	185.72	1.01	0	0	0
6122	2050	9	13	100	9.09	96.15	259.99	0.1	0	0	0
6123	2050	9	13	200	9.37	96.15	259.99	0.1	0	0	0
6124	2050	9	13	300	8.62	96.15	259.99	0.1	0	0	0
6125	2050	9	13	400	7.86	96.15	259.99	0.1	0	0	0
6126	2050	9	13	500	7.1	96.15	259.99	0.1	0	0	0
6127	2050	9	13	600	7.38	97.11	259.99	0.1	0	7.01	7.01
6128	2050	9	13	700	7.76	98.07	315.12	1.04	41.04	30.8	34.68
6129	2050	9	13	800	8.05	99.04	296.47	1.06	26.14	71.9	76.85
6130	2050	9	13	900	9.28	96.15	269.06	1.09	19.92	124.6	130.14
6131	2050	9	13	1000	10.41	94.22	214.25	1.05	69.31	137.8	162.09
6132	2050	9	13	1100	11.65	91.31	185.72	1.01	72.52	164.8	194.04
6133	2050	9	13	1200	13.07	81.59	185.72	1.01	294.66	201.3	328.75
6134	2050	9	13	1300	14.39	70.81	192.74	2.01	565.57	132.7	379.6
6135	2050	9	13	1400	15.81	60.93	192.74	2.01	305.42	154.5	281.12
6136	2050	9	13	1500	15.81	61.92	212.2	2.04	484.84	112.8	291.44
6137	2050	9	13	1600	15.91	62.91	230.96	3.04	505.36	105.2	257.35
6138	2050	9	13	1700	15.91	63.9	250.33	3.05	555.05	51.2	171.83
6139	2050	9	13	1800	14.39	71.79	240.66	3.05	505.72	25.9	88.25
6140	2050	9	13	1900	12.88	79.64	230.96	3.04	0	25.14	25.13
6141	2050	9	13	2000	11.36	87.43	221.24	3.03	0	2.44	2.44

6142	2050	9	13	2100	11.36	83.54	221.24	3.03	0	0	0
6143	2050	9	13	2200	11.36	85.49	221.83	2.05	0	0	0
6144	2050	9	13	2300	11.36	81.59	221.83	2.05	0	0	0
6145	2050	9	14	0	9.66	86.46	202.5	2.02	0	0	0
6146	2050	9	14	100	7.95	91.31	175.91	0.99	0	0	0
6147	2050	9	14	200	6.25	96.15	155.76	0.95	0	0	0
6148	2050	9	14	300	7.2	96.15	172.96	1.97	0	0	0
6149	2050	9	14	400	8.05	97.11	181.94	2.97	0	0	0
6150	2050	9	14	500	8.99	97.11	201.27	3.99	0	0	0
6151	2050	9	14	600	9.37	95.18	201.27	3.99	0	3.51	3.51
6152	2050	9	14	700	9.85	92.28	191.11	4.96	19.9	19.8	21.62
6153	2050	9	14	800	10.23	90.34	191.11	4.96	18.75	38.5	41.98
6154	2050	9	14	900	11.08	85.49	200.85	5.96	8.02	43.3	45.49
6155	2050	9	14	1000	12.02	79.64	210.75	5.97	4.98	63	64.68
6156	2050	9	14	1100	12.88	74.74	220.54	6.97	4.56	87.6	89.32
6157	2050	9	14	1200	13.63	73.76	220.54	6.97	9.06	119.3	123.12
6158	2050	9	14	1300	14.3	71.79	230.37	7.97	125.39	191.3	245.17
6159	2050	9	14	1400	15.06	70.81	230.37	7.97	82.52	173.6	207.28
6160	2050	9	14	1500	15.24	67.85	240.25	7.97	160.35	154.1	212.15
6161	2050	9	14	1600	15.53	64.89	240.29	6.99	454.96	92.1	226.18
6162	2050	9	14	1700	15.72	61.92	250.14	6.99	527.38	46.4	157.51
6163	2050	9	14	1800	15.06	65.88	240.33	6	300.6	30.4	65.46
6164	2050	9	14	1900	14.39	68.84	240.4	5.02	0	15.39	15.39
6165	2050	9	14	2000	13.73	72.77	230.73	4.03	0	1.36	1.36
6166	2050	9	14	2100	13.35	67.85	230.73	4.03	0	0	0
6167	2050	9	14	2200	12.97	61.92	230.96	3.04	0	0	0
6168	2050	9	14	2300	12.59	56.95	230.96	3.04	0	0	0
6169	2050	9	15	0	12.5	56.95	230.96	3.04	0	0	0
6170	2050	9	15	100	12.31	57.95	240.5	4.03	0	0	0
6171	2050	9	15	200	12.21	57.95	240.5	4.03	0	0	0
6172	2050	9	15	300	11.84	62.91	240.5	4.03	0	0	0
6173	2050	9	15	400	11.46	66.86	230.96	3.04	0	0	0
6174	2050	9	15	500	11.08	71.79	230.96	3.04	0	0	0
6175	2050	9	15	600	11.36	68.84	230.73	4.03	0	4.09	4.09
6176	2050	9	15	700	11.65	65.88	240.5	4.03	0	34.1	34.09
6177	2050	9	15	800	11.93	62.91	240.4	5.02	73.73	84.5	97.7
6178	2050	9	15	900	12.4	61.92	240.4	5.02	123.48	157.6	190.53
6179	2050	9	15	1000	12.97	59.93	250.17	6.01	58.3	175.4	195.11
6180	2050	9	15	1100	13.45	58.94	250.17	6.01	30.48	176.7	188.58
6181	2050	9	15	1200	13.82	58.94	250.17	6.01	17.28	179.7	186.92
6182	2050	9	15	1300	14.11	59.93	250.17	6.01	84.43	217.8	253.55
6183	2050	9	15	1400	14.49	59.93	250.17	6.01	174.59	176.9	247.02
6184	2050	9	15	1500	14.39	60.93	240.33	6	42.43	131.8	146.89
6185	2050	9	15	1600	14.2	60.93	240.4	5.02	15.99	94.5	99.06
6186	2050	9	15	1700	14.11	61.92	230.58	5.01	58.58	80.3	92.24
6187	2050	9	15	1800	13.26	72.77	230.58	5.01	36.87	36	40.03
6188	2050	9	15	1900	12.5	82.57	230.73	4.03	0	6.53	6.53
6189	2050	9	15	2000	11.65	93.25	230.73	4.03	0	0.29	0.29
6190	2050	9	15	2100	11.08	93.25	240.5	4.03	0	0	0
6191	2050	9	15	2200	10.6	93.25	240.66	3.05	0	0	0
6192	2050	9	15	2300	10.04	93.25	250.33	3.05	0	0	0
6193	2050	9	16	0	9.56	92.28	260	3.06	0	0	0
6194	2050	9	16	100	9.09	91.31	260	3.06	0	0	0
6195	2050	9	16	200	8.62	90.34	269.67	3.05	0	0	0
6196	2050	9	16	300	8.52	90.34	289.04	3.04	0	0	0
6197	2050	9	16	400	8.33	91.31	298.76	3.03	0	0	0
6198	2050	9	16	500	8.24	91.31	318.32	3.01	0	0	0
6199	2050	9	16	600	8.14	85.49	308.52	3.02	0	6.24	6.23
6200	2050	9	16	700	8.05	79.64	308.88	4.01	0	57.09	57.08
6201	2050	9	16	800	7.95	73.76	299.06	4.02	636.38	33.2	143.97
6202	2050	9	16	900	8.99	66.86	299.06	4.02	732.06	42.9	234.07
6203	2050	9	16	1000	10.04	58.94	309.1	4.99	777.35	51.1	310.34
6204	2050	9	16	1100	11.08	51.97	309.1	4.99	812.04	56.2	369.56
6205	2050	9	16	1200	11.36	49.97	309.1	4.99	742	91.6	399.37

6206	2050	9	16	1300	11.74	46.96	318.98	4.98	740.56	122.2	431.81
6207	2050	9	16	1400	12.02	44.96	318.98	4.98	184.08	167.5	240.3
6208	2050	9	16	1500	11.84	44.96	308.88	4.01	424.16	126.5	274.59
6209	2050	9	16	1600	11.55	45.96	308.88	4.01	283.57	86.9	166.66
6210	2050	9	16	1700	11.36	45.96	298.76	3.03	206.09	53.7	94.39
6211	2050	9	16	1800	10.7	48.97	298.76	3.03	120.31	27.9	40.33
6212	2050	9	16	1900	10.04	51.97	298.76	3.03	0	12.76	12.76
6213	2050	9	16	2000	9.37	54.96	298.76	3.03	0	1.36	1.36
6214	2050	9	16	2100	7.86	61.92	298.76	3.03	0	0	0
6215	2050	9	16	2200	6.34	68.84	307.8	2.04	0	0	0
6216	2050	9	16	2300	4.83	75.72	307.8	2.04	0	0	0
6217	2050	9	17	0	4.16	80.61	307.8	2.04	0	0	0
6218	2050	9	17	100	3.41	85.49	298.17	2.05	0	0	0
6219	2050	9	17	200	2.74	90.34	298.17	2.05	0	0	0
6220	2050	9	17	300	2.84	91.31	298.17	2.05	0	0	0
6221	2050	9	17	400	3.03	92.28	298.17	2.05	0	0	0
6222	2050	9	17	500	3.12	93.25	298.17	2.05	0	0	0
6223	2050	9	17	600	3.22	94.22	279.03	2.07	0	3.02	3.02
6224	2050	9	17	700	3.31	96.15	175.91	0.99	0	28.94	28.93
6225	2050	9	17	800	3.41	97.11	155.76	0.95	577.13	36.1	133.35
6226	2050	9	17	900	5.49	85.49	175.91	0.99	709.72	49	230.27
6227	2050	9	17	1000	7.67	73.76	195.37	1.02	703.72	67.3	297.87
6228	2050	9	17	1100	9.75	61.92	214.25	1.05	759.57	67.7	356.32
6229	2050	9	17	1200	10.23	57.95	214.25	1.05	756.78	117.1	426.45
6230	2050	9	17	1300	10.7	54.96	221.83	2.05	477.01	136	332.55
6231	2050	9	17	1400	11.17	50.97	221.83	2.05	224.13	191.4	278.68
6232	2050	9	17	1500	11.08	53.96	221.83	2.05	517.01	122.9	300.11
6233	2050	9	17	1600	10.89	57.95	231.42	2.06	151.13	91.6	133.16
6234	2050	9	17	1700	10.79	60.93	231.42	2.06	27.05	52.5	57.67
6235	2050	9	17	1800	9.28	69.82	212.2	2.04	30.77	25.5	28.44
6236	2050	9	17	1900	7.76	77.68	195.37	1.02	0	7.01	7.01
6237	2050	9	17	2000	6.25	86.46	175.91	0.99	0	0.58	0.58
6238	2050	9	17	2100	4.83	89.37	185.72	1.01	0	0	0
6239	2050	9	17	2200	3.31	93.25	185.72	1.01	0	0	0
6240	2050	9	17	2300	1.89	96.42	195.37	1.02	0	0	0
6241	2050	9	18	0	1.89	97.38	195.37	1.02	0	0	0
6242	2050	9	18	100	1.89	98.35	182.89	1.99	0	0	0
6243	2050	9	18	200	1.89	99.32	182.89	1.99	0	0	0
6244	2050	9	18	300	2.46	98.07	182.89	1.99	0	0	0
6245	2050	9	18	400	3.03	97.11	181.94	2.97	0	0	0
6246	2050	9	18	500	3.6	96.15	181.94	2.97	0	0	0
6247	2050	9	18	600	4.07	94.22	181.94	2.97	0	3.51	3.51
6248	2050	9	18	700	4.45	93.25	191.38	3.97	0	35.46	35.46
6249	2050	9	18	800	4.92	91.31	191.38	3.97	25.61	52.4	56.59
6250	2050	9	18	900	6.15	91.31	191.38	3.97	18.49	77.9	82.5
6251	2050	9	18	1000	7.48	91.31	181.45	3.96	6.59	98.8	100.91
6252	2050	9	18	1100	8.71	91.31	181.45	3.96	4.94	94.5	96.34
6253	2050	9	18	1200	8.62	93.25	181.45	3.96	4.51	70.5	72.28
6254	2050	9	18	1300	8.43	95.18	171.48	3.94	4.62	39.8	41.69
6255	2050	9	18	1400	8.33	97.11	171.48	3.94	4.12	48.8	50.36
6256	2050	9	18	1500	8.81	97.11	181.16	4.94	3.76	37.7	38.96
6257	2050	9	18	1600	9.37	97.11	191.11	4.96	4.42	18	19.19
6258	2050	9	18	1700	9.85	97.11	200.85	5.96	7.36	15.1	16.46
6259	2050	9	18	1800	10.51	96.15	210.75	5.97	15.56	9.7	11.1
6260	2050	9	18	1900	11.17	96.15	210.9	4.99	0	1.07	1.07
6261	2050	9	18	2000	11.84	95.18	220.75	5	0	0	0
6262	2050	9	18	2100	11.84	94.22	220.75	5	0	0	0
6263	2050	9	18	2200	11.93	92.28	230.58	5.01	0	0	0
6264	2050	9	18	2300	11.93	91.31	230.58	5.01	0	0	0
6265	2050	9	19	0	10.32	93.25	260	5.03	0	0	0
6266	2050	9	19	100	8.71	94.22	299.06	4.02	0	0	0
6267	2050	9	19	200	7.1	96.15	328.62	3.97	0	0	0
6268	2050	9	19	300	6.34	96.15	328.62	3.97	0	0	0
6269	2050	9	19	400	5.68	95.18	338.55	3.96	0	0	0

6270	2050	9	19	500	4.92	95.18	338.55	3.96	0	0	0
6271	2050	9	19	600	4.83	94.22	338.55	3.96	0	2.73	2.73
6272	2050	9	19	700	4.83	93.25	328.62	3.97	0	27.86	27.86
6273	2050	9	19	800	4.73	92.28	328.62	3.97	103.01	68.3	84.45
6274	2050	9	19	900	5.4	84.51	328.62	3.97	367.65	95.9	185.66
6275	2050	9	19	1000	6.15	76.7	338.06	2.97	665.65	68.2	278.68
6276	2050	9	19	1100	6.82	68.84	338.06	2.97	731.96	84.3	353.88
6277	2050	9	19	1200	7.57	62.91	328.16	2.99	396.63	153.6	310.92
6278	2050	9	19	1300	8.33	56.95	308.88	4.01	234.33	186.2	279.75
6279	2050	9	19	1400	9.09	50.97	299.06	4.02	199.72	161.6	236.8
6280	2050	9	19	1500	7.67	62.91	298.76	3.03	436.67	95.2	239.23
6281	2050	9	19	1600	6.34	74.74	289.04	3.04	540.05	67.5	208.84
6282	2050	9	19	1700	4.92	86.46	288.58	2.06	180.18	46.8	78.71
6283	2050	9	19	1800	4.73	87.43	307.8	2.04	0	64.4	64.39
6284	2050	9	19	1900	4.64	89.37	327.26	2.01	0	7.6	7.6
6285	2050	9	19	2000	4.45	90.34	347.04	1.97	0	0	0
6286	2050	9	19	2100	3.69	92.28	327.26	2.01	0	0	0
6287	2050	9	19	2200	3.03	94.22	315.12	1.04	0	0	0
6288	2050	9	19	2300	2.27	96.15	296.47	1.06	0	0	0
6289	2050	9	20	0	1.7	96.6	296.47	1.06	0	0	0
6290	2050	9	20	100	1.23	98.02	298.17	2.05	0	0	0
6291	2050	9	20	200	0.66	98.57	298.17	2.05	0	0	0
6292	2050	9	20	300	0.38	97.87	279.03	2.07	0	0	0
6293	2050	9	20	400	0.09	98.14	269.06	1.09	0	0	0
6294	2050	9	20	500	-0.19	97.25	250.93	1.09	0	0	0
6295	2050	9	20	600	0.66	95.63	260	2.07	0	1.36	1.36
6296	2050	9	20	700	1.42	93.95	260	2.07	0	34.69	34.68
6297	2050	9	20	800	2.27	92.28	269.67	3.05	416.66	61.8	124.97
6298	2050	9	20	900	2.74	87.43	260	3.06	99.08	108.5	132.08
6299	2050	9	20	1000	3.31	83.54	260	3.06	38.68	130.9	142.9
6300	2050	9	20	1100	3.79	78.66	250.33	3.05	16	133.6	139.39
6301	2050	9	20	1200	4.26	80.61	240.66	3.05	7.85	120.1	123.12
6302	2050	9	20	1300	4.64	83.54	221.24	3.03	10.58	152	156.14
6303	2050	9	20	1400	5.11	85.49	211.48	3.02	45.26	171.6	188.29
6304	2050	9	20	1500	6.15	78.66	221.24	3.03	181.67	151.4	210.01
6305	2050	9	20	1600	7.2	70.81	240.5	4.03	326.66	136.5	219.75
6306	2050	9	20	1700	8.24	63.9	250.25	4.04	139.17	76.7	100.43
6307	2050	9	20	1800	8.05	66.86	250.25	4.04	0	22.99	22.99
6308	2050	9	20	1900	7.95	68.84	260	3.06	0	4.09	4.09
6309	2050	9	20	2000	7.76	71.79	260	3.06	0	0.29	0.29
6310	2050	9	20	2100	6.91	78.66	288.58	2.06	0	0	0
6311	2050	9	20	2200	6.06	86.46	347.04	1.97	0	0	0
6312	2050	9	20	2300	5.21	93.25	14.6	0.94	0	0	0
6313	2050	9	21	0	4.26	95.18	4.24	0.95	0	0	0
6314	2050	9	21	100	3.41	96.15	259.99	0.1	0	0	0
6315	2050	9	21	200	2.46	98.07	259.99	0.1	0	0	0
6316	2050	9	21	300	2.65	97.11	259.99	0.1	0	0	0
6317	2050	9	21	400	2.93	97.11	134.86	0.92	0	0	0
6318	2050	9	21	500	3.12	96.15	155.76	0.95	0	0	0
6319	2050	9	21	600	4.16	93.25	165.93	0.97	0	1.85	1.85
6320	2050	9	21	700	5.11	91.31	182.89	1.99	0	10.81	10.81
6321	2050	9	21	800	6.15	88.4	192.74	2.01	54.2	63.5	71.4
6322	2050	9	21	900	7.38	82.57	202.5	2.02	24.78	105.5	111.24
6323	2050	9	21	1000	8.52	76.7	211.48	3.02	20.23	131.9	138.03
6324	2050	9	21	1100	9.75	70.81	221.24	3.03	156.92	163.9	219.75
6325	2050	9	21	1200	10.79	66.86	221.24	3.03	419.1	123.2	284.33
6326	2050	9	21	1300	11.84	61.92	221.24	3.03	355.37	159.3	296.8
6327	2050	9	21	1400	12.88	57.95	221.24	3.03	601.74	115.7	334.69
6328	2050	9	21	1500	12.31	59.93	230.96	3.04	124.09	127.7	166.96
6329	2050	9	21	1600	11.84	61.92	230.96	3.04	17.25	79.3	83.58
6330	2050	9	21	1700	11.27	63.9	240.66	3.05	16.34	50.3	52.99
6331	2050	9	21	1800	10.41	68.84	221.24	3.03	0	23.58	23.57
6332	2050	9	21	1900	9.66	73.76	201.68	3.01	0	2.14	2.14
6333	2050	9	21	2000	8.81	78.66	181.94	2.97	0	0	0

6334	2050	9	21	2100	8.52	78.66	181.94	2.97	0	0	0
6335	2050	9	21	2200	8.24	77.68	191.84	2.99	0	0	0
6336	2050	9	21	2300	7.95	77.68	191.84	2.99	0	0	0
6337	2050	9	22	0	8.33	82.57	172.96	1.97	0	0	0
6338	2050	9	22	100	8.62	87.43	162.95	1.95	0	0	0
6339	2050	9	22	200	8.99	92.28	145.4	0.94	0	0	0
6340	2050	9	22	300	8.71	93.25	145.4	0.94	0	0	0
6341	2050	9	22	400	8.33	94.22	142.64	1.92	0	0	0
6342	2050	9	22	500	8.05	95.18	142.64	1.92	0	0	0
6343	2050	9	22	600	8.05	96.15	142.64	1.92	0	0	0
6344	2050	9	22	700	8.14	97.11	152.84	1.94	0	5.94	5.94
6345	2050	9	22	800	8.14	98.07	152.84	1.94	17.98	24	26.49
6346	2050	9	22	900	8.71	94.22	172.96	1.97	8.05	61.5	63.31
6347	2050	9	22	1000	9.28	91.31	191.84	2.99	37.09	106.9	117.96
6348	2050	9	22	1100	9.85	87.43	211.48	3.02	38.98	164.9	178.55
6349	2050	9	22	1200	10.13	82.57	201.27	3.99	18.16	145.8	152.64
6350	2050	9	22	1300	10.41	77.68	201.27	3.99	32.3	163.4	175.63
6351	2050	9	22	1400	10.7	72.77	191.11	4.96	53.85	175.3	194.52
6352	2050	9	22	1500	10.51	79.64	181.45	3.96	72.74	147.2	169.68
6353	2050	9	22	1600	10.23	87.43	181.45	3.96	16.1	80.8	84.65
6354	2050	9	22	1700	10.04	94.22	171.98	2.96	12.7	29.7	31.66
6355	2050	9	22	1800	10.41	91.31	181.94	2.97	0	13.54	13.54
6356	2050	9	22	1900	10.7	89.37	191.38	3.97	0	1.07	1.07
6357	2050	9	22	2000	11.08	86.46	201.27	3.99	0	0	0
6358	2050	9	22	2100	10.79	86.46	201.27	3.99	0	0	0
6359	2050	9	22	2200	10.41	86.46	191.38	3.97	0	0	0
6360	2050	9	22	2300	10.13	86.46	191.38	3.97	0	0	0
6361	2050	9	23	0	9.85	90.34	181.94	2.97	0	0	0
6362	2050	9	23	100	9.66	93.25	181.94	2.97	0	0	0
6363	2050	9	23	200	9.37	97.11	172.96	1.97	0	0	0
6364	2050	9	23	300	9.37	97.11	172.96	1.97	0	0	0
6365	2050	9	23	400	9.37	98.07	185.72	1.01	0	0	0
6366	2050	9	23	500	9.37	98.07	185.72	1.01	0	0	0
6367	2050	9	23	600	9.47	98.07	175.91	0.99	0	0	0
6368	2050	9	23	700	9.47	98.07	162.95	1.95	0	4.58	4.58
6369	2050	9	23	800	9.56	98.07	152.84	1.94	13.72	15.8	17.63
6370	2050	9	23	900	10.04	98.07	142.64	1.92	14.29	31.5	34.68
6371	2050	9	23	1000	10.51	98.07	132.35	1.91	5.17	20.1	21.62
6372	2050	9	23	1100	10.98	98.07	121.99	1.89	5.62	21.8	23.77
6373	2050	9	23	1200	11.93	96.15	131.55	2.89	2.98	26.5	27.57
6374	2050	9	23	1300	12.78	94.22	151.88	2.92	2.95	28.4	29.51
6375	2050	9	23	1400	13.73	92.28	161.47	3.92	3.02	19.8	20.85
6376	2050	9	23	1500	14.01	89.37	161.17	4.91	4.15	37.7	38.96
6377	2050	9	23	1600	14.2	87.43	170.99	5.91	5.82	26.8	28.15
6378	2050	9	23	1700	14.49	84.51	170.85	6.89	10.17	24.2	25.72
6379	2050	9	23	1800	13.16	85.49	180.83	6.91	0	5.65	5.65
6380	2050	9	23	1900	11.93	87.43	190.92	5.94	0	0.29	0.29
6381	2050	9	23	2000	10.6	88.4	200.85	5.96	0	0	0
6382	2050	9	23	2100	9.85	88.4	200.85	5.96	0	0	0
6383	2050	9	23	2200	9.18	88.4	190.79	6.93	0	0	0
6384	2050	9	23	2300	8.43	88.4	190.79	6.93	0	0	0
6385	2050	9	24	0	7.38	90.34	210.64	6.96	0	0	0
6386	2050	9	24	100	6.25	92.28	240.33	6	0	0	0
6387	2050	9	24	200	5.21	94.22	260	6.01	0	0	0
6388	2050	9	24	300	5.68	92.28	260	6.01	0	0	0
6389	2050	9	24	400	6.06	91.31	269.83	6.01	0	0	0
6390	2050	9	24	500	6.53	89.37	269.83	6.01	0	0	0
6391	2050	9	24	600	6.15	89.37	269.8	5.02	0	0	0
6392	2050	9	24	700	5.68	88.4	269.8	5.02	0	8.67	8.67
6393	2050	9	24	800	5.3	88.4	269.75	4.04	17.69	16.1	18.41
6394	2050	9	24	900	5.87	78.66	269.8	5.02	10.73	53.4	55.72
6395	2050	9	24	1000	6.44	69.82	279.6	5.02	11.39	88.5	91.76
6396	2050	9	24	1100	7.01	59.93	279.67	6	196.52	152.5	218.87
6397	2050	9	24	1200	7.48	52.97	279.67	6	495.78	128.2	309.56

6398	2050	9	24	1300	7.95	44.96	279.67	6	730.58	92.8	361.77
6399	2050	9	24	1400	8.43	37.91	279.67	6	674.74	107.9	340.34
6400	2050	9	24	1500	8.05	39.92	260	5.03	526.44	123.5	279.75
6401	2050	9	24	1600	7.76	40.93	250.2	5.02	295.02	103.9	171.24
6402	2050	9	24	1700	7.38	42.95	230.73	4.03	197.67	66	94.39
6403	2050	9	24	1800	6.91	46.96	220.93	4.02	0	20.85	20.85
6404	2050	9	24	1900	6.34	51.97	210.9	4.99	0	1.36	1.36
6405	2050	9	24	2000	5.87	55.96	201.02	4.98	0	0	0
6406	2050	9	24	2100	6.06	59.93	210.75	5.97	0	0	0
6407	2050	9	24	2200	6.15	64.89	210.75	5.97	0	0	0
6408	2050	9	24	2300	6.34	68.84	220.54	6.97	0	0	0
6409	2050	9	25	0	6.25	70.81	210.75	5.97	0	0	0
6410	2050	9	25	100	6.15	73.76	200.85	5.96	0	0	0
6411	2050	9	25	200	6.06	75.72	191.11	4.96	0	0	0
6412	2050	9	25	300	5.87	82.57	201.02	4.98	0	0	0
6413	2050	9	25	400	5.77	88.4	201.02	4.98	0	0	0
6414	2050	9	25	500	5.59	95.18	210.9	4.99	0	0	0
6415	2050	9	25	600	5.49	93.25	230.58	5.01	0	0	0
6416	2050	9	25	700	5.4	91.31	240.33	6	0	8.09	8.08
6417	2050	9	25	800	5.3	89.37	260	6.01	18.27	25.6	27.86
6418	2050	9	25	900	6.06	82.57	260	5.03	250.16	55.1	107.44
6419	2050	9	25	1000	6.72	76.7	250.2	5.02	556.88	86.6	242.93
6420	2050	9	25	1100	7.48	69.82	250.25	4.04	760.76	85.3	337.91
6421	2050	9	25	1200	7.86	61.92	250.2	5.02	715.29	75.6	332.84
6422	2050	9	25	1300	8.33	54.96	250.2	5.02	768.17	75	352.81
6423	2050	9	25	1400	8.71	46.96	250.17	6.01	749.88	62	315.5
6424	2050	9	25	1500	8.62	46.96	250.2	5.02	570.63	72.8	238.36
6425	2050	9	25	1600	8.62	47.97	240.5	4.03	180.41	80.8	120.69
6426	2050	9	25	1700	8.52	47.97	240.66	3.05	326.37	66	110.65
6427	2050	9	25	1800	6.72	62.91	269.51	2.07	0	26.21	26.2
6428	2050	9	25	1900	5.02	76.7	324.63	1.02	0	1.66	1.66
6429	2050	9	25	2000	3.22	91.31	259.99	0.1	0	0	0
6430	2050	9	25	2100	2.65	92.28	324.63	1.02	0	0	0
6431	2050	9	25	2200	2.08	94.3	287.28	1.07	0	0	0
6432	2050	9	25	2300	1.51	95.81	260	2.07	0	0	0
6433	2050	9	26	0	0.85	96.43	240.97	2.07	0	0	0
6434	2050	9	26	100	0.09	98.14	223.53	1.06	0	0	0
6435	2050	9	26	200	-0.57	98.24	204.87	1.04	0	0	0
6436	2050	9	26	300	-0.38	97.25	223.53	1.06	0	0	0
6437	2050	9	26	400	-0.19	95.28	250.49	2.07	0	0	0
6438	2050	9	26	500	0	94.28	269.51	2.07	0	0	0
6439	2050	9	26	600	-0.29	95.28	296.47	1.06	0	0	0
6440	2050	9	26	700	-0.66	97.26	324.63	1.02	0	20.56	20.55
6441	2050	9	26	800	-0.95	98.25	259.99	0.1	602.06	18.6	89.52
6442	2050	9	26	900	1.04	90.38	259.99	0.1	721.12	29.8	176.7
6443	2050	9	26	1000	3.12	81.59	315.12	1.04	794.34	36.6	254.91
6444	2050	9	26	1100	5.11	74.74	296.47	1.06	839.81	37.6	311.41
6445	2050	9	26	1200	6.15	66.86	278.15	1.08	866.37	38.5	344.72
6446	2050	9	26	1300	7.1	58.94	260	1.09	868.81	38.7	347.45
6447	2050	9	26	1400	8.14	50.97	241.85	1.08	800.12	46.2	311.41
6448	2050	9	26	1500	7.67	54.96	223.53	1.06	563.33	75.4	235.14
6449	2050	9	26	1600	7.29	58.94	192.74	2.01	421.88	50.4	140.95
6450	2050	9	26	1700	6.82	62.91	172.96	1.97	299.45	24	63.02
6451	2050	9	26	1800	5.21	72.77	162.95	1.95	0	14.03	14.03
6452	2050	9	26	1900	3.5	81.59	155.76	0.95	0	0.78	0.78
6453	2050	9	26	2000	1.89	91.57	145.4	0.94	0	0	0
6454	2050	9	26	2100	2.27	88.4	145.4	0.94	0	0	0
6455	2050	9	26	2200	2.74	86.46	134.86	0.92	0	0	0
6456	2050	9	26	2300	3.12	83.54	134.86	0.92	0	0	0
6457	2050	9	27	0	2.93	88.4	113.26	0.9	0	0	0
6458	2050	9	27	100	2.74	93.25	101.07	1.87	0	0	0
6459	2050	9	27	200	2.55	98.07	80	1.87	0	0	0
6460	2050	9	27	300	2.84	97.11	90.54	1.87	0	0	0
6461	2050	9	27	400	3.03	97.11	91.15	0.88	0	0	0

6462	2050	9	27	500	3.31	96.15	102.25	0.89	0	0	0
6463	2050	9	27	600	3.5	97.11	80	0.88	0	0	0
6464	2050	9	27	700	3.79	98.07	315.12	1.04	0	1.85	1.85
6465	2050	9	27	800	3.98	99.04	296.47	1.06	17.33	14.3	16.27
6466	2050	9	27	900	4.07	99.04	305.74	1.05	7.66	40.7	42.18
6467	2050	9	27	1000	4.07	98.07	307.8	2.04	5.04	69	70.33
6468	2050	9	27	1100	4.16	98.07	317.5	2.02	4.28	68.5	69.84
6469	2050	9	27	1200	4.26	97.11	327.26	2.01	2.94	70.4	71.4
6470	2050	9	27	1300	4.35	96.15	327.26	2.01	2.44	77.1	77.93
6471	2050	9	27	1400	4.45	95.18	337.11	1.99	2.46	78.8	79.58
6472	2050	9	27	1500	4.64	93.25	347.04	1.97	2.87	86.3	87.08
6473	2050	9	27	1600	4.73	92.28	357.05	1.95	5.05	57.7	58.74
6474	2050	9	27	1700	4.92	90.34	7.16	1.94	19.54	39.3	41.69
6475	2050	9	27	1800	4.54	92.28	7.16	1.94	0	14.91	14.9
6476	2050	9	27	1900	4.07	93.25	357.05	1.95	0	0.78	0.78
6477	2050	9	27	2000	3.69	95.18	357.05	1.95	0	0	0
6478	2050	9	27	2100	2.93	95.18	357.05	1.95	0	0	0
6479	2050	9	27	2200	2.27	95.18	347.04	1.97	0	0	0
6480	2050	9	27	2300	1.51	95.81	347.04	1.97	0	0	0
6481	2050	9	28	0	1.23	97.05	347.04	1.97	0	0	0
6482	2050	9	28	100	1.04	97.23	347.04	1.97	0	0	0
6483	2050	9	28	200	0.76	98.48	347.04	1.97	0	0	0
6484	2050	9	28	300	0.28	97.96	347.04	1.97	0	0	0
6485	2050	9	28	400	-0.19	98.24	354.07	0.97	0	0	0
6486	2050	9	28	500	-0.66	97.26	354.07	0.97	0	0	0
6487	2050	9	28	600	-0.57	97.26	354.07	0.97	0	0	0
6488	2050	9	28	700	-0.38	98.24	7.16	1.94	0	6.72	6.72
6489	2050	9	28	800	-0.29	98.24	7.16	1.94	18.17	34	35.94
6490	2050	9	28	900	0.66	96.61	7.16	1.94	0	63.04	63.02
6491	2050	9	28	1000	1.51	94.83	17.36	1.92	0	71.22	71.2
6492	2050	9	28	1100	2.46	93.25	17.36	1.92	3.05	54.5	55.42
6493	2050	9	28	1200	2.93	91.31	27.65	1.91	4.03	48.1	49.48
6494	2050	9	28	1300	3.31	90.34	27.65	1.91	4.32	37.2	38.67
6495	2050	9	28	1400	3.79	88.4	38.02	1.89	5.05	27.3	28.93
6496	2050	9	28	1500	3.88	89.37	38.02	1.89	5.98	22.7	24.35
6497	2050	9	28	1600	4.07	91.31	38.69	2.88	8.88	16.9	18.7
6498	2050	9	28	1700	4.16	92.28	38.69	2.88	19.87	8	10.33
6499	2050	9	28	1800	4.16	93.25	38.69	2.88	0	3.22	3.21
6500	2050	9	28	1900	4.16	93.25	27.65	1.91	0	0.29	0.29
6501	2050	9	28	2000	4.16	94.22	27.65	1.91	0	0	0
6502	2050	9	28	2100	4.35	93.25	27.65	1.91	0	0	0
6503	2050	9	28	2200	4.45	91.31	17.36	1.92	0	0	0
6504	2050	9	28	2300	4.64	90.34	17.36	1.92	0	0	0
6505	2050	9	29	0	4.64	90.34	17.36	1.92	0	0	0
6506	2050	9	29	100	4.73	91.31	27.65	1.91	0	0	0
6507	2050	9	29	200	4.73	91.31	27.65	1.91	0	0	0
6508	2050	9	29	300	4.73	93.25	17.36	1.92	0	0	0
6509	2050	9	29	400	4.64	94.22	17.36	1.92	0	0	0
6510	2050	9	29	500	4.64	96.15	7.16	1.94	0	0	0
6511	2050	9	29	600	4.83	96.15	17.36	1.92	0	0	0
6512	2050	9	29	700	4.92	97.11	17.36	1.92	0	2.73	2.73
6513	2050	9	29	800	5.11	97.11	27.65	1.91	19.89	4.2	6.23
6514	2050	9	29	900	5.49	97.11	17.36	1.92	11.69	13.5	15.68
6515	2050	9	29	1000	5.77	96.15	7.16	1.94	8.36	30.3	32.44
6516	2050	9	29	1100	6.15	96.15	357.05	1.95	5.42	52.2	53.87
6517	2050	9	29	1200	6.15	97.11	357.05	1.95	7	36.3	38.67
6518	2050	9	29	1300	6.25	97.11	347.04	1.97	7.11	23.3	25.72
6519	2050	9	29	1400	6.25	98.07	347.04	1.97	6.87	18.4	20.55
6520	2050	9	29	1500	6.06	98.07	347.04	1.97	9.61	16.2	18.7
6521	2050	9	29	1600	5.77	98.07	337.11	1.99	13.08	7.2	9.74
6522	2050	9	29	1700	5.59	98.07	337.11	1.99	28.36	0.4	3.51
6523	2050	9	29	1800	5.49	98.07	337.11	1.99	0	2.73	2.73
6524	2050	9	29	1900	5.3	98.07	337.11	1.99	0	0.29	0.29
6525	2050	9	29	2000	5.21	98.07	337.11	1.99	0	0	0

6526	2050	9	29	2100	5.11	98.07	337.11	1.99	0	0	0
6527	2050	9	29	2200	4.92	98.07	334.28	1.01	0	0	0
6528	2050	9	29	2300	4.83	98.07	334.28	1.01	0	0	0
6529	2050	9	30	0	4.73	98.07	324.63	1.02	0	0	0
6530	2050	9	30	100	4.73	98.07	324.63	1.02	0	0	0
6531	2050	9	30	200	4.64	98.07	315.12	1.04	0	0	0
6532	2050	9	30	300	4.54	98.07	296.47	1.06	0	0	0
6533	2050	9	30	400	4.54	98.07	278.15	1.08	0	0	0
6534	2050	9	30	500	4.45	98.07	260	1.09	0	0	0
6535	2050	9	30	600	4.45	98.07	260	1.09	0	0	0
6536	2050	9	30	700	4.45	98.07	260	1.09	0	2.73	2.73
6537	2050	9	30	800	4.45	98.07	260	1.09	22.12	23.6	25.72
6538	2050	9	30	900	4.64	98.07	260	1.09	10.8	35.2	37.11
6539	2050	9	30	1000	4.73	97.11	260	1.09	5.03	49.6	50.85
6540	2050	9	30	1100	4.92	97.11	260	1.09	7.3	46.2	48.41
6541	2050	9	30	1200	5.3	96.15	269.06	1.09	4.64	66.1	67.6
6542	2050	9	30	1300	5.77	96.15	278.15	1.08	1.12	103	103.35
6543	2050	9	30	1400	6.15	95.18	287.28	1.07	2.95	81.9	82.8
6544	2050	9	30	1500	6.15	95.18	269.06	1.09	11	56.7	59.52
6545	2050	9	30	1600	5.87	95.18	250.93	1.09	17.94	21.8	25.13
6546	2050	9	30	1700	5.77	95.18	232.72	1.07	30.4	6.3	9.45
6547	2050	9	30	1800	5.59	95.18	232.72	1.07	0	3.02	3.02
6548	2050	9	30	1900	5.4	95.18	231.42	2.06	0	0.29	0.29
6549	2050	9	30	2000	5.21	95.18	231.42	2.06	0	0	0
6550	2050	9	30	2100	5.02	95.18	240.97	2.07	0	0	0
6551	2050	9	30	2200	4.73	95.18	240.97	2.07	0	0	0
6552	2050	9	30	2300	4.54	95.18	250.49	2.07	0	0	0
6553	2050	10	1	0	3.97	95.72	332.9	0.93	0	0	0
6554	2050	10	1	100	3.8	95.72	322.4	0.95	0	0	0
6555	2050	10	1	200	3.63	95.72	312.15	0.97	0	0	0
6556	2050	10	1	300	3.55	95.72	322.4	0.95	0	0	0
6557	2050	10	1	400	3.55	95.72	322.4	0.95	0	0	0
6558	2050	10	1	500	3.55	95.72	332.9	0.93	0	0	0
6559	2050	10	1	600	3.63	95.72	332.9	0.93	0	0	0
6560	2050	10	1	700	3.72	95.72	326.29	1.94	0	1.57	1.57
6561	2050	10	1	800	3.63	95.72	326.29	1.94	0	8.94	8.93
6562	2050	10	1	900	3.97	95.72	336.57	1.92	0	27.92	27.91
6563	2050	10	1	1000	4.39	96.58	357.49	1.88	0	36.3	36.29
6564	2050	10	1	1100	4.73	96.58	8.08	1.87	0	60.63	60.61
6565	2050	10	1	1200	5.24	94.86	8.08	1.87	0	102.92	102.89
6566	2050	10	1	1300	5.75	93.99	19.19	2.86	0	84.68	84.65
6567	2050	10	1	1400	6.26	92.25	19.19	2.86	0	65.51	65.49
6568	2050	10	1	1500	6.17	92.25	8.75	2.87	0	42.75	42.74
6569	2050	10	1	1600	6.09	92.25	8.08	1.87	0	24.79	24.78
6570	2050	10	1	1700	6	92.25	357.49	1.88	0	9.49	9.49
6571	2050	10	1	1800	5.92	92.25	357.49	1.88	0	3.87	3.87
6572	2050	10	1	1900	5.84	93.12	348.02	2.9	0	0.28	0.28
6573	2050	10	1	2000	5.75	93.12	348.02	2.9	0	0	0
6574	2050	10	1	2100	5.5	93.12	348.02	2.9	0	0	0
6575	2050	10	1	2200	5.33	92.25	348.02	2.9	0	0	0
6576	2050	10	1	2300	5.07	92.25	348.02	2.9	0	0	0
6577	2050	10	2	0	4.99	91.37	348.02	2.9	0	0	0
6578	2050	10	2	100	4.99	91.37	348.02	2.9	0	0	0
6579	2050	10	2	200	4.9	90.5	348.02	2.9	0	0	0
6580	2050	10	2	300	4.9	89.62	348.02	2.9	0	0	0
6581	2050	10	2	400	4.99	88.73	348.52	3.89	0	0	0
6582	2050	10	2	500	4.99	87.85	348.52	3.89	0	0	0
6583	2050	10	2	600	4.9	86.96	348.52	3.89	0	0	0
6584	2050	10	2	700	4.9	86.07	348.52	3.89	0	0	0
6585	2050	10	2	800	4.82	85.17	348.52	3.89	0	9.95	9.95
6586	2050	10	2	900	4.9	85.17	348.52	3.89	0	31.24	31.23
6587	2050	10	2	1000	4.9	85.17	338.32	3.91	0	31.7	31.69
6588	2050	10	2	1100	4.99	85.17	338.32	3.91	0	39.44	39.42
6589	2050	10	2	1200	5.24	81.57	338.32	3.91	0	68.09	68.07

6590	2050	10	2	1300	5.58	78.84	337.74	2.91	0	90.57	90.55
6591	2050	10	2	1400	5.84	75.15	337.74	2.91	0	97.48	97.46
6592	2050	10	2	1500	5.84	75.15	337.74	2.91	0	74.73	74.7
6593	2050	10	2	1600	5.92	74.22	336.57	1.92	0	56.85	56.83
6594	2050	10	2	1700	5.92	74.22	336.57	1.92	0	32.25	32.24
6595	2050	10	2	1800	4.82	77.92	316.12	1.97	0	6.63	6.63
6596	2050	10	2	1900	3.8	80.66	282.84	1.04	0	0.28	0.28
6597	2050	10	2	2000	2.7	84.28	264.25	1.08	0	0	0
6598	2050	10	2	2100	1.68	87.32	292.39	1.02	0	0	0
6599	2050	10	2	2200	0.75	91.7	217.29	0.14	0	0	0
6600	2050	10	2	2300	-0.27	95.05	217.29	0.14	0	0	0
6601	2050	10	3	0	-0.86	94.16	217.29	0.14	0	0	0
6602	2050	10	3	100	-1.54	93.27	147.39	1.03	0	0	0
6603	2050	10	3	200	-2.14	92.38	166.13	1.08	0	0	0
6604	2050	10	3	300	-2.31	92.38	147.39	1.03	0	0	0
6605	2050	10	3	400	-2.48	93.28	137.74	1.01	0	0	0
6606	2050	10	3	500	-2.64	93.28	117.77	0.96	0	0	0
6607	2050	10	3	600	-2.48	93.28	127.87	0.99	0	0	0
6608	2050	10	3	700	-2.31	94.17	137.74	1.01	0	5.34	5.34
6609	2050	10	3	800	-2.14	94.17	147.39	1.03	0	27.09	27.08
6610	2050	10	3	900	-0.36	95.05	147.39	1.03	0	58.88	58.86
6611	2050	10	3	1000	1.43	93.74	143.77	2.03	0	104.21	104.18
6612	2050	10	3	1100	3.21	93.99	143.77	2.03	0	123.1	123.06
6613	2050	10	3	1200	4.31	85.17	153.52	2.05	0	114.9	114.87
6614	2050	10	3	1300	5.33	75.15	162.15	3.06	0	108.26	108.23
6615	2050	10	3	1400	6.43	65.74	171.86	3.08	60.06	151.6	169.12
6616	2050	10	3	1500	6.26	64.78	171.86	3.08	164.88	104.4	144.53
6617	2050	10	3	1600	6.09	64.78	181.53	3.1	152.82	69.5	96.17
6618	2050	10	3	1700	5.92	63.82	181.53	3.1	205.84	28	46.61
6619	2050	10	3	1800	4.82	72.36	171.86	3.08	0	5.34	5.34
6620	2050	10	3	1900	3.8	80.66	171.86	3.08	0	0.28	0.28
6621	2050	10	3	2000	2.7	88.73	162.15	3.06	0	0	0
6622	2050	10	3	2100	2.7	89.62	162.15	3.06	0	0	0
6623	2050	10	3	2200	2.78	90.5	171.86	3.08	0	0	0
6624	2050	10	3	2300	2.78	91.37	171.86	3.08	0	0	0
6625	2050	10	4	0	3.12	90.5	171.86	3.08	0	0	0
6626	2050	10	4	100	3.46	89.62	163.18	2.07	0	0	0
6627	2050	10	4	200	3.8	88.73	163.18	2.07	0	0	0
6628	2050	10	4	300	4.22	86.96	163.18	2.07	0	0	0
6629	2050	10	4	400	4.56	86.07	162.15	3.06	0	0	0
6630	2050	10	4	500	4.99	84.28	162.15	3.06	0	0	0
6631	2050	10	4	600	4.9	87.85	171.41	4.08	0	0	0
6632	2050	10	4	700	4.9	92.25	171.41	4.08	0	0	0
6633	2050	10	4	800	4.82	95.72	180.93	5.09	0	6.17	6.17
6634	2050	10	4	900	5.16	95.72	190.87	4.1	0	16.12	16.12
6635	2050	10	4	1000	5.5	96.58	190.87	4.1	0	29.39	29.38
6636	2050	10	4	1100	5.84	96.58	200.75	3.12	0	35.57	35.56
6637	2050	10	4	1200	6.43	95.72	210.32	3.12	0	31.24	31.23
6638	2050	10	4	1300	6.94	94.86	210.32	3.12	0	27.37	27.36
6639	2050	10	4	1400	7.53	93.99	219.88	3.12	0	40.45	40.44
6640	2050	10	4	1500	7.79	89.62	229.45	3.12	0	45.33	45.32
6641	2050	10	4	1600	7.96	85.17	239.03	3.11	0	19.99	19.99
6642	2050	10	4	1700	8.21	80.66	248.64	3.1	0	22.48	22.48
6643	2050	10	4	1800	7.87	83.38	267	2.08	0	2.58	2.58
6644	2050	10	4	1900	7.62	86.07	286.33	2.04	0	0	0
6645	2050	10	4	2000	7.28	88.73	302.16	1	0	0	0
6646	2050	10	4	2100	6.94	88.73	312.15	0.97	0	0	0
6647	2050	10	4	2200	6.6	89.62	312.15	0.97	0	0	0
6648	2050	10	4	2300	6.26	89.62	322.4	0.95	0	0	0
6649	2050	10	5	0	6.09	91.37	332.9	0.93	0	0	0
6650	2050	10	5	100	5.92	92.25	354.68	0.89	0	0	0
6651	2050	10	5	200	5.75	93.99	5.91	0.88	0	0	0
6652	2050	10	5	300	5.5	93.12	354.68	0.89	0	0	0
6653	2050	10	5	400	5.33	91.37	357.49	1.88	0	0	0

6654	2050	10	5	500	5.07	90.5	346.98	1.9	0	0	0
6655	2050	10	5	600	4.82	90.5	346.98	1.9	0	0	0
6656	2050	10	5	700	4.56	91.37	343.67	0.91	0	2.3	2.3
6657	2050	10	5	800	4.31	91.37	343.67	0.91	0	22.48	22.48
6658	2050	10	5	900	4.56	86.96	5.91	0.88	0	53.53	53.52
6659	2050	10	5	1000	4.82	82.47	18.75	1.86	0	83.66	83.64
6660	2050	10	5	1100	5.07	77.92	40.2	1.85	0	105.96	105.93
6661	2050	10	5	1200	5.41	76.08	40.2	1.85	0	80.62	80.6
6662	2050	10	5	1300	5.67	75.15	51.99	0.86	0	109.55	109.52
6663	2050	10	5	1400	6	73.29	51.99	0.86	0	102.37	102.34
6664	2050	10	5	1500	6.09	74.22	28.85	0.86	0	92.69	92.67
6665	2050	10	5	1600	6.26	75.15	217.29	0.14	0	41.19	41.17
6666	2050	10	5	1700	6.34	76.08	217.29	0.14	0	6.36	6.36
6667	2050	10	5	1800	6.17	77.92	17.32	0.87	0	0.28	0.28
6668	2050	10	5	1900	6.09	78.84	63.46	0.87	0	0	0
6669	2050	10	5	2000	5.92	80.66	82.8	1.89	0	0	0
6670	2050	10	5	2100	5.58	85.17	93.25	1.91	0	0	0
6671	2050	10	5	2200	5.33	88.73	102.37	2.93	0	0	0
6672	2050	10	5	2300	4.99	93.12	112.53	2.95	0	0	0
6673	2050	10	6	0	5.16	93.99	122.61	2.97	0	0	0
6674	2050	10	6	100	5.24	94.86	131.96	3.99	0	0	0
6675	2050	10	6	200	5.41	95.72	141.9	4.01	0	0	0
6676	2050	10	6	300	6	95.72	141.9	4.01	0	0	0
6677	2050	10	6	400	6.68	95.72	132.61	3	0	0	0
6678	2050	10	6	500	7.28	95.72	132.61	3	0	0	0
6679	2050	10	6	600	8.04	95.72	132.61	3	0	0	0
6680	2050	10	6	700	8.89	95.72	141.9	4.01	0	0	0
6681	2050	10	6	800	9.65	95.72	141.9	4.01	0	4.33	4.33
6682	2050	10	6	900	10.08	95.72	141.9	4.01	0	5.62	5.62
6683	2050	10	6	1000	10.5	94.86	141.9	4.01	0	9.49	9.49
6684	2050	10	6	1100	10.92	94.86	141.9	4.01	0	12.81	12.8
6685	2050	10	6	1200	11.43	93.99	151.43	5.03	0	12.81	12.8
6686	2050	10	6	1300	11.94	92.25	151.43	5.03	0	10.5	10.5
6687	2050	10	6	1400	12.45	91.37	161.09	6.05	0	16.68	16.67
6688	2050	10	6	1500	11.94	88.73	170.95	6.07	0	10.96	10.96
6689	2050	10	6	1600	11.35	86.96	180.67	7.08	0	7.19	7.18
6690	2050	10	6	1700	10.84	84.28	190.51	7.09	0	5.34	5.34
6691	2050	10	6	1800	10.24	82.47	210.14	7.1	0	0	0
6692	2050	10	6	1900	9.65	79.75	229.76	7.1	0	0	0
6693	2050	10	6	2000	9.06	77.92	249.4	7.08	0	0	0
6694	2050	10	6	2100	8.72	78.84	249.31	6.09	0	0	0
6695	2050	10	6	2200	8.29	80.66	239.51	6.1	0	0	0
6696	2050	10	6	2300	7.96	81.57	239.41	5.1	0	0	0
6697	2050	10	7	0	7.53	80.66	239.41	5.1	0	0	0
6698	2050	10	7	100	7.19	79.75	229.58	4.11	0	0	0
6699	2050	10	7	200	6.77	78.84	229.58	4.11	0	0	0
6700	2050	10	7	300	6.26	79.75	229.58	4.11	0	0	0
6701	2050	10	7	400	5.75	79.75	229.45	3.12	0	0	0
6702	2050	10	7	500	5.24	80.66	229.45	3.12	0	0	0
6703	2050	10	7	600	5.24	83.38	219.88	3.12	0	0	0
6704	2050	10	7	700	5.24	86.07	200.75	3.12	0	0	0
6705	2050	10	7	800	5.24	88.73	191.15	3.11	0	12.25	12.25
6706	2050	10	7	900	5.75	91.37	191.15	3.11	0	32.99	32.98
6707	2050	10	7	1000	6.26	93.12	190.87	4.1	0	52.43	52.41
6708	2050	10	7	1100	6.77	95.72	190.87	4.1	0	44.5	44.49
6709	2050	10	7	1200	7.45	93.12	190.87	4.1	0	37.13	37.12
6710	2050	10	7	1300	8.04	91.37	190.87	4.1	0	22.02	22.02
6711	2050	10	7	1400	8.72	88.73	190.87	4.1	0	16.12	16.12
6712	2050	10	7	1500	8.63	89.62	200.56	4.11	0	12.07	12.07
6713	2050	10	7	1600	8.63	90.5	210.24	4.12	0	3.04	3.04
6714	2050	10	7	1700	8.55	91.37	219.91	4.12	0	0	0
6715	2050	10	7	1800	8.46	91.37	229.58	4.11	0	0	0
6716	2050	10	7	1900	8.29	92.25	229.45	3.12	0	0	0
6717	2050	10	7	2000	8.21	92.25	239.03	3.11	0	0	0

6718	2050	10	7	2100	8.04	93.12	239.03	3.11	0	0	0
6719	2050	10	7	2200	7.96	93.12	238.57	2.12	0	0	0
6720	2050	10	7	2300	7.79	93.99	238.57	2.12	0	0	0
6721	2050	10	8	0	7.53	93.99	219.83	2.13	0	0	0
6722	2050	10	8	100	7.36	93.99	193.2	1.12	0	0	0
6723	2050	10	8	200	7.11	93.99	175.26	1.09	0	0	0
6724	2050	10	8	300	6.94	93.99	184.28	1.11	0	0	0
6725	2050	10	8	400	6.85	94.86	184.28	1.11	0	0	0
6726	2050	10	8	500	6.68	94.86	193.2	1.12	0	0	0
6727	2050	10	8	600	6.6	94.86	210.88	1.13	0	0	0
6728	2050	10	8	700	6.43	95.72	219.67	1.13	0	0	0
6729	2050	10	8	800	6.34	95.72	237.31	1.12	0	17.69	17.69
6730	2050	10	8	900	7.02	94.86	237.31	1.12	0	26.08	26.07
6731	2050	10	8	1000	7.62	94.86	248	2.11	0	24.6	24.59
6732	2050	10	8	1100	8.29	93.99	248	2.11	0	50.95	50.94
6733	2050	10	8	1200	8.63	88.73	248	2.11	0	72.97	72.95
6734	2050	10	8	1300	8.97	84.28	248	2.11	0	99.05	99.02
6735	2050	10	8	1400	9.31	78.84	248	2.11	0	93.43	93.4
6736	2050	10	8	1500	9.06	80.66	248	2.11	0	39.71	39.7
6737	2050	10	8	1600	8.89	82.47	248	2.11	0	20.46	20.45
6738	2050	10	8	1700	8.63	84.28	248	2.11	0	3.87	3.87
6739	2050	10	8	1800	8.04	87.85	273.46	1.06	0	0	0
6740	2050	10	8	1900	7.45	90.5	322.4	0.95	0	0	0
6741	2050	10	8	2000	6.85	93.99	217.29	0.14	0	0	0
6742	2050	10	8	2100	6.94	93.99	217.29	0.14	0	0	0
6743	2050	10	8	2200	7.11	94.86	117.77	0.96	0	0	0
6744	2050	10	8	2300	7.19	94.86	147.39	1.03	0	0	0
6745	2050	10	9	0	7.02	94.86	153.52	2.05	0	0	0
6746	2050	10	9	100	6.85	95.72	153.52	2.05	0	0	0
6747	2050	10	9	200	6.68	95.72	162.15	3.06	0	0	0
6748	2050	10	9	300	6.68	94.86	162.15	3.06	0	0	0
6749	2050	10	9	400	6.68	93.12	171.86	3.08	0	0	0
6750	2050	10	9	500	6.68	92.25	171.86	3.08	0	0	0
6751	2050	10	9	600	6.6	90.5	171.86	3.08	0	0	0
6752	2050	10	9	700	6.6	88.73	162.15	3.06	0	0	0
6753	2050	10	9	800	6.51	86.96	162.15	3.06	0	11.24	11.24
6754	2050	10	9	900	6.77	89.62	162.15	3.06	0	28.93	28.92
6755	2050	10	9	1000	6.94	92.25	162.15	3.06	0	23.59	23.58
6756	2050	10	9	1100	7.19	94.86	162.15	3.06	0	29.21	29.2
6757	2050	10	9	1200	7.53	94.86	171.86	3.08	0	41.19	41.17
6758	2050	10	9	1300	7.79	93.99	190.87	4.1	0	36.12	36.11
6759	2050	10	9	1400	8.12	93.99	200.56	4.11	0	35.57	35.56
6760	2050	10	9	1500	8.38	93.12	210.32	3.12	0	20.46	20.45
6761	2050	10	9	1600	8.55	91.37	210.32	3.12	0	18.98	18.98
6762	2050	10	9	1700	8.8	90.5	219.83	2.13	0	10.96	10.96
6763	2050	10	9	1800	8.89	91.37	210.47	2.13	0	0	0
6764	2050	10	9	1900	8.89	92.25	201.09	2.12	0	0	0
6765	2050	10	9	2000	8.97	93.12	191.7	2.11	0	0	0
6766	2050	10	9	2100	8.38	93.12	172.75	2.09	0	0	0
6767	2050	10	9	2200	7.87	93.99	133.9	2	0	0	0
6768	2050	10	9	2300	7.28	93.99	113.82	1.95	0	0	0
6769	2050	10	10	0	7.62	88.73	142.53	3.02	0	0	0
6770	2050	10	10	100	7.87	83.38	191.15	3.11	0	0	0
6771	2050	10	10	200	8.21	77.92	219.91	4.12	0	0	0
6772	2050	10	10	300	7.7	77.92	200.56	4.11	0	0	0
6773	2050	10	10	400	7.28	77.92	190.87	4.1	0	0	0
6774	2050	10	10	500	6.77	77.92	171.41	4.08	0	0	0
6775	2050	10	10	600	7.7	78.84	181.16	4.09	0	0	0
6776	2050	10	10	700	8.55	79.75	200.45	5.11	0	0	0
6777	2050	10	10	800	9.48	80.66	210.19	5.11	0	17.69	17.69
6778	2050	10	10	900	10.58	74.22	219.93	5.11	0	49.39	49.37
6779	2050	10	10	1000	11.6	66.69	239.51	6.1	195.29	44.2	82.63
6780	2050	10	10	1100	12.7	59.94	249.31	6.09	479.52	62.3	180.36
6781	2050	10	10	1200	12.53	53.04	259.25	7.07	478.33	83.1	213.15

6782	2050	10	10	1300	12.28	44.95	269.23	8.05	610.09	49.3	215.18
6783	2050	10	10	1400	12.11	37.7	279.23	9.02	687.27	40.8	210.29
6784	2050	10	10	1500	11.43	38.75	269.23	8.05	633	35.2	160.18
6785	2050	10	10	1600	10.84	39.79	259.34	8.06	522.34	26.8	93.86
6786	2050	10	10	1700	10.16	40.83	249.4	7.08	0	28.66	28.65
6787	2050	10	10	1800	9.57	42.9	249.4	7.08	0	0	0
6788	2050	10	10	1900	8.97	45.97	249.4	7.08	0	0	0
6789	2050	10	10	2000	8.38	48.01	249.4	7.08	0	0	0
6790	2050	10	10	2100	7.96	51.04	239.57	7.09	0	0	0
6791	2050	10	10	2200	7.53	53.04	239.51	6.1	0	0	0
6792	2050	10	10	2300	7.11	56.01	229.72	6.11	0	0	0
6793	2050	10	11	0	6.68	59.94	229.72	6.11	0	0	0
6794	2050	10	11	100	6.17	63.82	219.93	5.11	0	0	0
6795	2050	10	11	200	5.75	67.64	219.93	5.11	0	0	0
6796	2050	10	11	300	5.16	72.36	200.56	4.11	0	0	0
6797	2050	10	11	400	4.56	76.08	172.75	2.09	0	0	0
6798	2050	10	11	500	3.97	80.66	156.84	1.06	0	0	0
6799	2050	10	11	600	3.72	83.38	172.75	2.09	0	0	0
6800	2050	10	11	700	3.38	86.96	191.7	2.11	0	0	0
6801	2050	10	11	800	3.12	89.62	210.32	3.12	0	16.68	16.67
6802	2050	10	11	900	4.14	84.28	229.45	3.12	159.03	66.8	86.22
6803	2050	10	11	1000	5.07	77.92	239.03	3.11	143.35	72.2	99.57
6804	2050	10	11	1100	6.09	72.36	258.28	3.09	162	97.3	136.14
6805	2050	10	11	1200	6.6	69.54	258.28	3.09	526	93.2	232.86
6806	2050	10	11	1300	7.11	66.69	248.97	4.1	162.13	109.2	152.26
6807	2050	10	11	1400	7.62	63.82	248.97	4.1	0	75.46	75.44
6808	2050	10	11	1500	7.79	63.82	248.97	4.1	0	53.99	53.98
6809	2050	10	11	1600	7.87	63.82	248.97	4.1	0	21.01	21
6810	2050	10	11	1700	8.04	63.82	248.97	4.1	0	30.96	30.95
6811	2050	10	11	1800	7.19	67.64	248.97	4.1	0	0	0
6812	2050	10	11	1900	6.34	70.48	258.7	4.08	0	0	0
6813	2050	10	11	2000	5.5	74.22	258.7	4.08	0	0	0
6814	2050	10	11	2100	5.24	75.15	258.7	4.08	0	0	0
6815	2050	10	11	2200	5.07	77	258.7	4.08	0	0	0
6816	2050	10	11	2300	4.82	77.92	258.7	4.08	0	0	0
6817	2050	10	12	0	4.31	80.66	258.7	4.08	0	0	0
6818	2050	10	12	100	3.8	83.38	267.98	3.07	0	0	0
6819	2050	10	12	200	3.29	86.07	267.98	3.07	0	0	0
6820	2050	10	12	300	3.12	88.73	287.54	3.03	0	0	0
6821	2050	10	12	400	3.04	90.5	296.15	2.01	0	0	0
6822	2050	10	12	500	2.87	93.12	316.12	1.97	0	0	0
6823	2050	10	12	600	3.12	93.99	306.07	1.99	0	0	0
6824	2050	10	12	700	3.29	93.99	292.39	1.02	0	0	0
6825	2050	10	12	800	3.55	94.86	282.84	1.04	0	10.96	10.96
6826	2050	10	12	900	3.46	93.99	255.17	1.1	0	35.84	35.83
6827	2050	10	12	1000	3.29	93.12	202.06	1.13	108.07	84.4	104.36
6828	2050	10	12	1100	3.21	92.25	175.26	1.09	106.22	100.8	125.64
6829	2050	10	12	1200	3.29	92.25	172.75	2.09	214.6	116.1	171.7
6830	2050	10	12	1300	3.38	91.37	162.15	3.06	12.46	113.7	116.89
6831	2050	10	12	1400	3.46	91.37	161.62	4.06	0	82.19	82.16
6832	2050	10	12	1500	3.46	92.25	152.37	3.04	0	52.24	52.23
6833	2050	10	12	1600	3.38	92.25	152.37	3.04	0	24.05	24.04
6834	2050	10	12	1700	3.38	93.12	143.77	2.03	0	9.77	9.76
6835	2050	10	12	1800	3.46	93.12	143.77	2.03	0	0	0
6836	2050	10	12	1900	3.63	93.12	142.53	3.02	0	0	0
6837	2050	10	12	2000	3.72	93.12	142.53	3.02	0	0	0
6838	2050	10	12	2100	4.05	93.99	142.53	3.02	0	0	0
6839	2050	10	12	2200	4.39	93.99	132.61	3	0	0	0
6840	2050	10	12	2300	4.73	94.86	132.61	3	0	0	0
6841	2050	10	13	0	4.99	93.99	142.53	3.02	0	0	0
6842	2050	10	13	100	5.33	93.99	141.9	4.01	0	0	0
6843	2050	10	13	200	5.58	93.12	151.79	4.04	0	0	0
6844	2050	10	13	300	5.75	93.12	171.41	4.08	0	0	0
6845	2050	10	13	400	5.84	93.99	181.16	4.09	0	0	0

6846	2050	10	13	500	6	93.99	200.56	4.11	0	0	0
6847	2050	10	13	600	5.92	93.12	200.56	4.11	0	0	0
6848	2050	10	13	700	5.84	92.25	210.32	3.12	0	0	0
6849	2050	10	13	800	5.75	91.37	210.32	3.12	0	4.88	4.88
6850	2050	10	13	900	6	89.62	219.88	3.12	0	32.8	32.79
6851	2050	10	13	1000	6.17	87.85	219.88	3.12	0	46.07	46.06
6852	2050	10	13	1100	6.43	86.07	229.45	3.12	0	108.26	108.23
6853	2050	10	13	1200	6.43	84.28	239.03	3.11	0	90.85	90.82
6854	2050	10	13	1300	6.51	81.57	257.47	2.09	0	57.59	57.57
6855	2050	10	13	1400	6.51	79.75	267	2.08	0	43.49	43.48
6856	2050	10	13	1500	6.26	84.28	286.33	2.04	0	33.54	33.53
6857	2050	10	13	1600	5.92	87.85	326.29	1.94	0	18.43	18.42
6858	2050	10	13	1700	5.67	92.25	346.98	1.9	0	5.9	5.9
6859	2050	10	13	1800	5.24	89.62	336.57	1.92	0	0	0
6860	2050	10	13	1900	4.73	87.85	337.74	2.91	0	0	0
6861	2050	10	13	2000	4.31	85.17	327.54	2.94	0	0	0
6862	2050	10	13	2100	4.22	84.28	317.42	2.96	0	0	0
6863	2050	10	13	2200	4.05	83.38	307.38	2.98	0	0	0
6864	2050	10	13	2300	3.97	82.47	297.42	3.01	0	0	0
6865	2050	10	14	0	3.97	83.38	307.38	2.98	0	0	0
6866	2050	10	14	100	3.97	85.17	306.07	1.99	0	0	0
6867	2050	10	14	200	3.97	86.07	316.12	1.97	0	0	0
6868	2050	10	14	300	3.8	84.28	327.54	2.94	0	0	0
6869	2050	10	14	400	3.63	82.47	327.54	2.94	0	0	0
6870	2050	10	14	500	3.46	80.66	338.32	3.91	0	0	0
6871	2050	10	14	600	3.29	85.17	358.78	3.87	0	0	0
6872	2050	10	14	700	3.04	88.73	29.65	2.85	0	0	0
6873	2050	10	14	800	2.87	93.12	50.6	2.85	0	2.3	2.3
6874	2050	10	14	900	2.95	91.37	50.6	2.85	0	12.53	12.53
6875	2050	10	14	1000	2.95	89.62	60.78	3.86	0	46.35	46.33
6876	2050	10	14	1100	3.04	87.85	60.78	3.86	0	71.41	71.39
6877	2050	10	14	1200	3.38	83.38	60.78	3.86	0	97.76	97.73
6878	2050	10	14	1300	3.63	77.92	50.6	2.85	0	100.34	100.31
6879	2050	10	14	1400	3.97	73.29	50.6	2.85	9.88	88.4	90.55
6880	2050	10	14	1500	2.95	77	29.47	1.86	0	57.03	57.02
6881	2050	10	14	1600	2.02	80.73	8.08	1.87	0	22.02	22.02
6882	2050	10	14	1700	1	85.18	343.67	0.91	0	8.48	8.47
6883	2050	10	14	1800	0.32	88.48	322.4	0.95	0	0	0
6884	2050	10	14	1900	-0.27	91.47	312.15	0.97	0	0	0
6885	2050	10	14	2000	-0.95	94.16	292.39	1.02	0	0	0
6886	2050	10	14	2100	-1.46	93.27	282.84	1.04	0	0	0
6887	2050	10	14	2200	-1.97	92.38	282.84	1.04	0	0	0
6888	2050	10	14	2300	-2.48	91.49	273.46	1.06	0	0	0
6889	2050	10	15	0	-2.98	91.49	292.39	1.02	0	0	0
6890	2050	10	15	100	-3.49	90.59	217.29	0.14	0	0	0
6891	2050	10	15	200	-4	90.6	217.29	0.14	0	0	0
6892	2050	10	15	300	-4.26	90.6	217.29	0.14	0	0	0
6893	2050	10	15	400	-4.51	90.61	217.29	0.14	0	0	0
6894	2050	10	15	500	-4.76	90.61	217.29	0.14	0	0	0
6895	2050	10	15	600	-5.02	90.61	217.29	0.14	0	0	0
6896	2050	10	15	700	-5.19	91.52	166.13	1.08	0	0.28	0.28
6897	2050	10	15	800	-5.44	91.52	175.26	1.09	0	18.15	18.15
6898	2050	10	15	900	-3.41	90.59	166.13	1.08	516.35	30.7	81.89
6899	2050	10	15	1000	-1.37	89.67	147.39	1.03	633.44	43	148.95
6900	2050	10	15	1100	0.66	88.19	137.74	1.01	670.15	51.8	196.29
6901	2050	10	15	1200	1.34	84.9	156.84	1.06	643.15	51.9	206.7
6902	2050	10	15	1300	2.1	81.57	191.7	2.11	471.21	91.8	204.95
6903	2050	10	15	1400	2.78	78.84	210.47	2.13	21.7	79.3	83.92
6904	2050	10	15	1500	2.61	81.57	201.09	2.12	0	32.99	32.98
6905	2050	10	15	1600	2.53	84.28	202.06	1.13	0	17.88	17.87
6906	2050	10	15	1700	2.36	86.96	193.2	1.12	0	2.86	2.86
6907	2050	10	15	1800	2.1	86.07	182.25	2.1	0	0	0
6908	2050	10	15	1900	1.93	84.42	182.25	2.1	0	0	0
6909	2050	10	15	2000	1.68	83.72	171.86	3.08	0	0	0

6910	2050	10	15	2100	1.51	84.76	171.86	3.08	0	0	0
6911	2050	10	15	2200	1.26	86.78	171.86	3.08	0	0	0
6912	2050	10	15	2300	1.09	87.82	171.86	3.08	0	0	0
6913	2050	10	16	0	1	89.69	171.41	4.08	0	0	0
6914	2050	10	16	100	1	90.58	181.16	4.09	0	0	0
6915	2050	10	16	200	0.92	92.43	180.93	5.09	0	0	0
6916	2050	10	16	300	1	93.24	171.13	5.07	0	0	0
6917	2050	10	16	400	1.17	93.09	161.62	4.06	0	0	0
6918	2050	10	16	500	1.26	93.89	151.79	4.04	0	0	0
6919	2050	10	16	600	1.51	94.53	151.79	4.04	0	0	0
6920	2050	10	16	700	1.68	95.25	161.62	4.06	0	0	0
6921	2050	10	16	800	1.93	95.88	161.62	4.06	0	2.86	2.86
6922	2050	10	16	900	2.36	95.72	161.62	4.06	0	13.08	13.08
6923	2050	10	16	1000	2.7	95.72	171.41	4.08	0	10.5	10.5
6924	2050	10	16	1100	3.12	95.72	171.41	4.08	0	13.82	13.82
6925	2050	10	16	1200	3.72	95.72	181.16	4.09	0	16.4	16.4
6926	2050	10	16	1300	4.22	96.58	200.56	4.11	0	29.21	29.2
6927	2050	10	16	1400	4.82	96.58	210.24	4.12	0	22.02	22.02
6928	2050	10	16	1500	5.07	95.72	219.91	4.12	0	14.83	14.83
6929	2050	10	16	1600	5.41	93.99	229.66	5.11	0	7.19	7.18
6930	2050	10	16	1700	5.67	93.12	239.41	5.1	0	0	0
6931	2050	10	16	1800	5.75	92.25	239.41	5.1	0	0	0
6932	2050	10	16	1900	5.84	92.25	239.41	5.1	0	0	0
6933	2050	10	16	2000	5.92	91.37	239.41	5.1	0	0	0
6934	2050	10	16	2100	5.41	92.25	248.97	4.1	0	0	0
6935	2050	10	16	2200	4.99	92.25	258.7	4.08	0	0	0
6936	2050	10	16	2300	4.48	93.12	267.98	3.07	0	0	0
6937	2050	10	17	0	4.56	92.25	287.54	3.03	0	0	0
6938	2050	10	17	100	4.56	92.25	306.07	1.99	0	0	0
6939	2050	10	17	200	4.65	91.37	326.29	1.94	0	0	0
6940	2050	10	17	300	4.22	92.25	336.57	1.92	0	0	0
6941	2050	10	17	400	3.8	93.99	346.98	1.9	0	0	0
6942	2050	10	17	500	3.38	94.86	357.49	1.88	0	0	0
6943	2050	10	17	600	3.29	95.72	354.68	0.89	0	0	0
6944	2050	10	17	700	3.29	95.72	354.68	0.89	0	0	0
6945	2050	10	17	800	3.21	96.58	217.29	0.14	0	0.28	0.28
6946	2050	10	17	900	3.46	96.58	217.29	0.14	0	9.21	9.21
6947	2050	10	17	1000	3.72	95.72	117.77	0.96	0	30.96	30.95
6948	2050	10	17	1100	3.97	95.72	147.39	1.03	0	61.92	61.9
6949	2050	10	17	1200	4.48	92.25	156.84	1.06	0	104.39	104.36
6950	2050	10	17	1300	5.07	87.85	153.52	2.05	0	113.89	113.85
6951	2050	10	17	1400	5.58	84.28	163.18	2.07	0	102.1	124.91
6952	2050	10	17	1500	5.24	86.07	162.15	3.06	113.05	61.8	90.36
6953	2050	10	17	1600	4.82	87.85	171.86	3.08	0	20.18	20.17
6954	2050	10	17	1700	4.48	89.62	171.41	4.08	0	2.86	2.86
6955	2050	10	17	1800	5.16	91.37	181.16	4.09	0	0	0
6956	2050	10	17	1900	5.84	92.25	180.93	5.09	0	0	0
6957	2050	10	17	2000	6.51	93.99	190.7	5.1	0	0	0
6958	2050	10	17	2100	6.94	93.99	190.7	5.1	0	0	0
6959	2050	10	17	2200	7.45	94.86	190.87	4.1	0	0	0
6960	2050	10	17	2300	7.87	94.86	190.87	4.1	0	0	0
6961	2050	10	18	0	7.87	94.86	200.56	4.11	0	0	0
6962	2050	10	18	100	7.87	94.86	200.56	4.11	0	0	0
6963	2050	10	18	200	7.87	94.86	210.24	4.12	0	0	0
6964	2050	10	18	300	7.96	94.86	210.32	3.12	0	0	0
6965	2050	10	18	400	7.96	93.99	210.47	2.13	0	0	0
6966	2050	10	18	500	8.04	93.99	210.88	1.13	0	0	0
6967	2050	10	18	600	8.04	94.86	237.31	1.12	0	0	0
6968	2050	10	18	700	8.04	94.86	273.46	1.06	0	0	0
6969	2050	10	18	800	8.04	95.72	302.16	1	0	0.28	0.28
6970	2050	10	18	900	6.51	93.12	326.29	1.94	0	10.78	10.78
6971	2050	10	18	1000	4.99	89.62	348.02	2.9	0	37.13	37.12
6972	2050	10	18	1100	3.46	86.96	9.07	3.86	0	54.73	54.72
6973	2050	10	18	1200	3.21	82.47	9.26	4.86	0	66.06	66.05

6974	2050	10	18	1300	2.87	77.92	9.26	4.86	0	75.74	75.72
6975	2050	10	18	1400	2.61	73.29	9.39	5.85	0	45.06	45.04
6976	2050	10	18	1500	1.93	68.71	9.39	5.85	0	29.67	29.66
6977	2050	10	18	1600	1.34	64.29	9.39	5.85	0	12.07	12.07
6978	2050	10	18	1700	0.66	59.79	9.39	5.85	0	3.32	3.32
6979	2050	10	18	1800	0.32	55.98	19.52	4.85	0	0	0
6980	2050	10	18	1900	0.07	52.05	19.52	4.85	0	0	0
6981	2050	10	18	2000	-0.27	47.96	29.74	3.85	0	0	0
6982	2050	10	18	2100	-0.69	53.11	19.19	2.86	0	0	0
6983	2050	10	18	2200	-1.2	57.17	18.75	1.86	0	0	0
6984	2050	10	18	2300	-1.63	62.18	5.91	0.88	0	0	0
6985	2050	10	19	0	-1.8	65.14	5.91	0.88	0	0	0
6986	2050	10	19	100	-1.88	68.07	17.32	0.87	0	0	0
6987	2050	10	19	200	-2.05	70.98	17.32	0.87	0	0	0
6988	2050	10	19	300	-1.97	72.9	51.99	0.86	0	0	0
6989	2050	10	19	400	-1.8	73.86	85.9	0.9	0	0	0
6990	2050	10	19	500	-1.71	75.76	117.77	0.96	0	0	0
6991	2050	10	19	600	-1.71	78.6	103.6	1.93	0	0	0
6992	2050	10	19	700	-1.71	80.47	103.6	1.93	0	0	0
6993	2050	10	19	800	-1.71	83.26	92.14	2.91	0	2.3	2.3
6994	2050	10	19	900	-1.54	85.11	92.14	2.91	0	14.1	14.09
6995	2050	10	19	1000	-1.46	86.94	101.77	3.92	0	24.79	24.78
6996	2050	10	19	1100	-1.29	88.76	101.77	3.92	0	44.78	44.77
6997	2050	10	19	1200	-1.03	86.02	101.77	3.92	0	90.57	90.55
6998	2050	10	19	1300	-0.78	84.18	91.27	4.9	0	91.13	91.1
6999	2050	10	19	1400	-0.52	81.4	91.27	4.9	0	58.32	58.31
7000	2050	10	19	1500	-0.52	84.18	91.27	4.9	0	26.08	26.07
7001	2050	10	19	1600	-0.52	86.02	81.37	3.88	0	10.5	10.5
7002	2050	10	19	1700	-0.52	88.76	81.37	3.88	0	2.03	2.03
7003	2050	10	19	1800	-0.52	87.85	81.37	3.88	0	0	0
7004	2050	10	19	1900	-0.52	87.85	81.37	3.88	0	0	0
7005	2050	10	19	2000	-0.52	86.94	81.37	3.88	0	0	0
7006	2050	10	19	2100	-0.69	86.94	81.37	3.88	0	0	0
7007	2050	10	19	2200	-0.78	86.02	81.09	4.88	0	0	0
7008	2050	10	19	2300	-0.95	86.02	81.09	4.88	0	0	0
7009	2050	10	20	0	-0.95	86.02	81.37	3.88	0	0	0
7010	2050	10	20	100	-0.95	86.94	81.37	3.88	0	0	0
7011	2050	10	20	200	-0.95	86.94	81.84	2.89	0	0	0
7012	2050	10	20	300	-0.86	86.94	92.14	2.91	0	0	0
7013	2050	10	20	400	-0.78	87.85	92.14	2.91	0	0	0
7014	2050	10	20	500	-0.69	87.85	102.37	2.93	0	0	0
7015	2050	10	20	600	-0.78	87.85	102.37	2.93	0	0	0
7016	2050	10	20	700	-0.86	88.76	101.77	3.92	0	0.28	0.28
7017	2050	10	20	800	-0.95	88.76	101.77	3.92	0	4.88	4.88
7018	2050	10	20	900	-0.86	86.02	102.37	2.93	0	21.47	21.46
7019	2050	10	20	1000	-0.78	84.18	102.37	2.93	0	39.44	39.42
7020	2050	10	20	1100	-0.69	81.4	103.6	1.93	0	62.19	62.18
7021	2050	10	20	1200	-0.44	80.47	113.82	1.95	85.59	96.2	114.13
7022	2050	10	20	1300	-0.19	80.47	132.61	3	0	100.8	100.77
7023	2050	10	20	1400	0.07	79.48	142.53	3.02	0.9	74.1	74.24
7024	2050	10	20	1500	-0.19	81.4	132.61	3	0.43	61.4	61.44
7025	2050	10	20	1600	-0.44	84.18	123.92	1.98	0	21.47	21.46
7026	2050	10	20	1700	-0.69	86.02	113.82	1.95	0	2.3	2.3
7027	2050	10	20	1800	-0.52	86.02	123.92	1.98	0	0	0
7028	2050	10	20	1900	-0.36	86.94	122.61	2.97	0	0	0
7029	2050	10	20	2000	-0.19	86.94	132.61	3	0	0	0
7030	2050	10	20	2100	-0.19	87.85	142.53	3.02	0	0	0
7031	2050	10	20	2200	-0.27	89.67	143.77	2.03	0	0	0
7032	2050	10	20	2300	-0.27	90.57	153.52	2.05	0	0	0
7033	2050	10	21	0	-0.19	90.57	153.52	2.05	0	0	0
7034	2050	10	21	100	-0.19	91.47	162.15	3.06	0	0	0
7035	2050	10	21	200	-0.1	91.47	162.15	3.06	0	0	0
7036	2050	10	21	300	-0.1	92.37	162.15	3.06	0	0	0
7037	2050	10	21	400	-0.02	93.26	172.75	2.09	0	0	0

7038	2050	10	21	500	-0.02	94.16	172.75	2.09	0	0	0
7039	2050	10	21	600	-0.02	95.05	182.25	2.1	0	0	0
7040	2050	10	21	700	0.07	94.98	191.7	2.11	0	0	0
7041	2050	10	21	800	0.07	95.87	201.09	2.12	0	0.28	0.28
7042	2050	10	21	900	0.41	95.55	229.19	2.12	0	9.95	9.95
7043	2050	10	21	1000	0.75	94.36	267.98	3.07	0	25.06	25.05
7044	2050	10	21	1100	1.09	94.05	297.42	3.01	0	48.65	48.64
7045	2050	10	21	1200	0.83	86.23	297.42	3.01	0	89.28	89.26
7046	2050	10	21	1300	0.66	77.15	298.06	4	102.96	102.2	123.06
7047	2050	10	21	1400	0.41	68.77	298.06	4	4.45	87.3	88.06
7048	2050	10	21	1500	-0.19	69.04	298.06	4	398.29	49.6	100.59
7049	2050	10	21	1600	-0.69	69.04	297.42	3.01	0	34	33.99
7050	2050	10	21	1700	-1.29	69.04	297.42	3.01	0	4.33	4.33
7051	2050	10	21	1800	-3.07	70.99	287.54	3.03	0	0	0
7052	2050	10	21	1900	-4.85	73.88	286.33	2.04	0	0	0
7053	2050	10	21	2000	-6.63	75.81	276.62	2.06	0	0	0
7054	2050	10	21	2100	-6.21	75.8	276.62	2.06	0	0	0
7055	2050	10	21	2200	-5.78	74.85	277.72	3.05	0	0	0
7056	2050	10	21	2300	-5.36	74.84	277.72	3.05	0	0	0
7057	2050	10	22	0	-5.02	73.88	267.98	3.07	0	0	0
7058	2050	10	22	100	-4.76	72.92	268.47	4.07	0	0	0
7059	2050	10	22	200	-4.43	71.96	258.7	4.08	0	0	0
7060	2050	10	22	300	-5.1	72.93	229.45	3.12	0	0	0
7061	2050	10	22	400	-5.7	73.89	200.75	3.12	0	0	0
7062	2050	10	22	500	-6.38	74.85	172.75	2.09	0	0	0
7063	2050	10	22	600	-6.88	78.65	182.25	2.1	0	0	0
7064	2050	10	22	700	-7.31	81.46	200.75	3.12	0	0	0
7065	2050	10	22	800	-7.82	85.18	210.32	3.12	0	4.05	4.05
7066	2050	10	22	900	-6.38	77.7	182.25	2.1	0	40.45	40.44
7067	2050	10	22	1000	-4.93	71	153.52	2.05	541.03	30.4	98.75
7068	2050	10	22	1100	-3.49	63.17	127.87	0.99	610.68	45.3	151.43
7069	2050	10	22	1200	-2.9	61.19	143.77	2.03	629.89	45.7	170.41
7070	2050	10	22	1300	-2.31	59.19	172.75	2.09	605.59	42.4	161.75
7071	2050	10	22	1400	-1.71	57.17	191.15	3.11	479.41	43.1	125.09
7072	2050	10	22	1500	-1.8	62.18	181.53	3.1	204.8	35.2	60.15
7073	2050	10	22	1600	-1.97	66.12	162.15	3.06	0	11.52	11.51
7074	2050	10	22	1700	-2.05	70.98	152.37	3.04	0	1.29	1.29
7075	2050	10	22	1800	-1.37	75.76	152.37	3.04	0	0	0
7076	2050	10	22	1900	-0.78	79.53	161.62	4.06	0	0	0
7077	2050	10	22	2000	-0.1	84.18	161.62	4.06	0	0	0
7078	2050	10	22	2100	0.07	87.79	161.62	4.06	0	0	0
7079	2050	10	22	2200	0.24	91.26	161.3	5.05	0	0	0
7080	2050	10	22	2300	0.41	94.67	161.3	5.05	0	0	0
7081	2050	10	23	0	0.75	94.36	161.09	6.05	0	0	0
7082	2050	10	23	100	1	94.12	170.95	6.07	0	0	0
7083	2050	10	23	200	1.34	93.81	170.81	7.06	0	0	0
7084	2050	10	23	300	1.68	93.5	190.59	6.09	0	0	0
7085	2050	10	23	400	1.93	93.27	200.45	5.11	0	0	0
7086	2050	10	23	500	2.27	93.12	219.91	4.12	0	0	0
7087	2050	10	23	600	1.93	91.52	229.58	4.11	0	0	0
7088	2050	10	23	700	1.51	91.02	229.45	3.12	0	0	0
7089	2050	10	23	800	1.17	89.54	239.03	3.11	0	3.59	3.59
7090	2050	10	23	900	1.51	86.56	248.64	3.1	0	44.5	44.49
7091	2050	10	23	1000	1.76	82.75	267.98	3.07	438.46	44	97
7092	2050	10	23	1100	2.1	79.75	277.72	3.05	545.1	47.3	138.91
7093	2050	10	23	1200	1.76	80.93	267.98	3.07	226.74	69.6	113.11
7094	2050	10	23	1300	1.43	81.19	257.47	2.09	0	73.71	73.69
7095	2050	10	23	1400	1.09	82.38	248	2.11	106.22	49.3	66.78
7096	2050	10	23	1500	0.75	86.3	229.19	2.12	317.92	32.2	69.08
7097	2050	10	23	1600	0.32	90.28	202.06	1.13	0	17.69	17.69
7098	2050	10	23	1700	-0.02	94.16	184.28	1.11	0	0	0
7099	2050	10	23	1800	0.32	93.86	184.28	1.11	0	0	0
7100	2050	10	23	1900	0.58	93.63	354.68	0.89	0	0	0
7101	2050	10	23	2000	0.92	93.32	354.68	0.89	0	0	0

7102	2050	10	23	2100	0.58	92.74	354.68	0.89	0	0	0
7103	2050	10	23	2200	0.24	92.15	346.98	1.9	0	0	0
7104	2050	10	23	2300	-0.1	91.47	346.98	1.9	0	0	0
7105	2050	10	24	0	-0.27	91.47	346.98	1.9	0	0	0
7106	2050	10	24	100	-0.44	90.57	336.57	1.92	0	0	0
7107	2050	10	24	200	-0.61	90.57	336.57	1.92	0	0	0
7108	2050	10	24	300	-0.69	90.57	336.57	1.92	0	0	0
7109	2050	10	24	400	-0.78	91.47	322.4	0.95	0	0	0
7110	2050	10	24	500	-0.86	91.47	322.4	0.95	0	0	0
7111	2050	10	24	600	-0.86	91.47	322.4	0.95	0	0	0
7112	2050	10	24	700	-0.95	92.37	312.15	0.97	0	0	0
7113	2050	10	24	800	-0.95	92.37	312.15	0.97	0	0.55	0.55
7114	2050	10	24	900	-0.78	91.47	343.67	0.91	0	8.94	8.93
7115	2050	10	24	1000	-0.61	89.67	63.46	0.87	0	30.96	30.95
7116	2050	10	24	1100	-0.44	88.76	96.78	0.92	0	48.93	48.91
7117	2050	10	24	1200	-0.19	88.76	117.77	0.96	0	68.09	68.07
7118	2050	10	24	1300	-0.02	88.76	137.74	1.01	0	50.12	50.11
7119	2050	10	24	1400	0.24	88.55	156.84	1.06	0	18.15	18.15
7120	2050	10	24	1500	0.15	89.53	147.39	1.03	0	19.44	19.44
7121	2050	10	24	1600	0.07	90.57	346.98	1.9	0	9.95	9.95
7122	2050	10	24	1700	-0.02	91.47	336.57	1.92	0	1.75	1.75
7123	2050	10	24	1800	-0.61	90.57	337.74	2.91	0	0	0
7124	2050	10	24	1900	-1.12	90.57	348.02	2.9	0	0	0
7125	2050	10	24	2000	-1.71	89.67	348.52	3.89	0	0	0
7126	2050	10	24	2100	-2.56	88.77	348.52	3.89	0	0	0
7127	2050	10	24	2200	-3.32	87.87	337.74	2.91	0	0	0
7128	2050	10	24	2300	-4.17	86.97	337.74	2.91	0	0	0
7129	2050	10	25	0	-4.93	87.89	337.74	2.91	0	0	0
7130	2050	10	25	100	-5.78	89.72	336.57	1.92	0	0	0
7131	2050	10	25	200	-6.55	90.63	336.57	1.92	0	0	0
7132	2050	10	25	300	-7.73	88.84	326.29	1.94	0	0	0
7133	2050	10	25	400	-8.92	87.95	302.16	1	0	0	0
7134	2050	10	25	500	-10.11	86.14	292.39	1.02	0	0	0
7135	2050	10	25	600	-11.21	85.24	312.15	0.97	0	0	0
7136	2050	10	25	700	-12.4	84.34	217.29	0.14	0	0	0
7137	2050	10	25	800	-13.5	83.44	217.29	0.14	0	1.57	1.57
7138	2050	10	25	900	-12.06	85.26	217.29	0.14	0	29.95	29.94
7139	2050	10	25	1000	-10.53	87.07	217.29	0.14	62.69	49.7	56.56
7140	2050	10	25	1100	-9.09	88.86	217.29	0.14	95.14	83.6	98.47
7141	2050	10	25	1200	-8.16	88.85	217.29	0.14	9.04	83.6	85.2
7142	2050	10	25	1300	-7.31	88.83	96.78	0.92	65.2	77.6	89.26
7143	2050	10	25	1400	-6.38	88.82	127.87	0.99	0	58.6	58.58
7144	2050	10	25	1500	-5.78	88.81	127.87	0.99	0	29.39	29.38
7145	2050	10	25	1600	-5.27	87.89	123.92	1.98	0	9.95	9.95
7146	2050	10	25	1700	-4.68	87.88	123.92	1.98	0	0	0
7147	2050	10	25	1800	-4.43	88.79	123.92	1.98	0	0	0
7148	2050	10	25	1900	-4.17	89.7	132.61	3	0	0	0
7149	2050	10	25	2000	-3.92	90.6	132.61	3	0	0	0
7150	2050	10	25	2100	-3.15	91.49	132.61	3	0	0	0
7151	2050	10	25	2200	-2.31	92.38	132.61	3	0	0	0
7152	2050	10	25	2300	-1.54	93.27	132.61	3	0	0	0
7153	2050	10	26	0	-0.69	95.05	132.61	3	0	0	0
7154	2050	10	26	100	0.15	96.68	142.53	3.02	0	0	0
7155	2050	10	26	200	1	97.62	142.53	3.02	0	0	0
7156	2050	10	26	300	1.51	97.14	142.53	3.02	0	0	0
7157	2050	10	26	400	2.1	95.72	152.37	3.04	0	0	0
7158	2050	10	26	500	2.61	95.72	152.37	3.04	0	0	0
7159	2050	10	26	600	3.04	95.72	152.37	3.04	0	0	0
7160	2050	10	26	700	3.55	96.58	162.15	3.06	0	0	0
7161	2050	10	26	800	3.97	96.58	162.15	3.06	0	0.28	0.28
7162	2050	10	26	900	4.22	96.58	162.15	3.06	0	3.32	3.32
7163	2050	10	26	1000	4.39	95.72	152.37	3.04	0	7.65	7.65
7164	2050	10	26	1100	4.65	95.72	152.37	3.04	0	12.25	12.25
7165	2050	10	26	1200	4.73	95.72	162.15	3.06	0	17.14	17.13

7166	2050	10	26	1300	4.73	94.86	181.53	3.1	0	18.43	18.42
7167	2050	10	26	1400	4.82	94.86	191.15	3.11	0	10.78	10.78
7168	2050	10	26	1500	4.48	92.25	210.32	3.12	0	13.82	13.82
7169	2050	10	26	1600	4.14	90.5	219.91	4.12	0	14.37	14.37
7170	2050	10	26	1700	3.8	87.85	239.27	4.11	0	0	0
7171	2050	10	26	1800	3.88	86.07	239.27	4.11	0	0	0
7172	2050	10	26	1900	3.97	84.28	239.41	5.1	0	0	0
7173	2050	10	26	2000	4.05	82.47	239.41	5.1	0	0	0
7174	2050	10	26	2100	3.12	86.07	219.91	4.12	0	0	0
7175	2050	10	26	2200	2.19	88.73	191.7	2.11	0	0	0
7176	2050	10	26	2300	1.26	93.01	175.26	1.09	0	0	0
7177	2050	10	27	0	1.68	93.5	166.13	1.08	0	0	0
7178	2050	10	27	100	2.19	94.86	153.52	2.05	0	0	0
7179	2050	10	27	200	2.61	95.72	143.77	2.03	0	0	0
7180	2050	10	27	300	3.12	95.72	153.52	2.05	0	0	0
7181	2050	10	27	400	3.55	95.72	152.37	3.04	0	0	0
7182	2050	10	27	500	4.05	95.72	162.15	3.06	0	0	0
7183	2050	10	27	600	4.22	95.72	181.53	3.1	0	0	0
7184	2050	10	27	700	4.48	95.72	210.47	2.13	0	0	0
7185	2050	10	27	800	4.65	95.72	229.19	2.12	0	0.28	0.28
7186	2050	10	27	900	4.73	93.99	229.19	2.12	0	8.48	8.47
7187	2050	10	27	1000	4.82	93.12	219.88	3.12	0	29.21	29.2
7188	2050	10	27	1100	4.9	91.37	219.88	3.12	0	48.37	48.36
7189	2050	10	27	1200	4.99	90.5	219.88	3.12	0	44.32	44.31
7190	2050	10	27	1300	4.99	88.73	210.47	2.13	0	70.12	70.1
7191	2050	10	27	1400	5.07	87.85	210.47	2.13	0	49.39	49.37
7192	2050	10	27	1500	4.56	88.73	191.7	2.11	0	35.57	35.56
7193	2050	10	27	1600	4.14	90.5	175.26	1.09	0	4.05	4.05
7194	2050	10	27	1700	3.63	91.37	156.84	1.06	0	0	0
7195	2050	10	27	1800	3.72	92.25	127.87	0.99	0	0	0
7196	2050	10	27	1900	3.88	93.99	93.25	1.91	0	0	0
7197	2050	10	27	2000	3.97	94.86	61.62	1.87	0	0	0
7198	2050	10	27	2100	3.97	94.86	61.62	1.87	0	0	0
7199	2050	10	27	2200	4.05	95.72	50.93	1.86	0	0	0
7200	2050	10	27	2300	4.05	95.72	50.93	1.86	0	0	0
7201	2050	10	28	0	3.8	95.72	29.47	1.86	0	0	0
7202	2050	10	28	100	3.63	95.72	17.32	0.87	0	0	0
7203	2050	10	28	200	3.38	95.72	354.68	0.89	0	0	0
7204	2050	10	28	300	3.46	95.72	343.67	0.91	0	0	0
7205	2050	10	28	400	3.63	95.72	346.98	1.9	0	0	0
7206	2050	10	28	500	3.72	95.72	336.57	1.92	0	0	0
7207	2050	10	28	600	3.72	95.72	336.57	1.92	0	0	0
7208	2050	10	28	700	3.63	95.72	348.02	2.9	0	0	0
7209	2050	10	28	800	3.63	95.72	348.02	2.9	0	0	0
7210	2050	10	28	900	3.38	94.86	348.02	2.9	0	0.28	0.28
7211	2050	10	28	1000	3.21	93.99	338.32	3.91	0	6.63	6.63
7212	2050	10	28	1100	2.95	93.12	338.32	3.91	0	13.82	13.82
7213	2050	10	28	1200	2.7	93.99	328.17	3.93	0	15.57	15.57
7214	2050	10	28	1300	2.44	93.99	328.17	3.93	0	18.7	18.7
7215	2050	10	28	1400	2.19	94.86	318.07	3.95	2.12	15.1	15.38
7216	2050	10	28	1500	2.19	94.86	318.46	4.95	0	10.96	10.96
7217	2050	10	28	1600	2.19	95.72	318.46	4.95	0	2.86	2.86
7218	2050	10	28	1700	2.19	95.72	318.72	5.94	0	0	0
7219	2050	10	28	1800	1.76	94.3	318.72	5.94	0	0	0
7220	2050	10	28	1900	1.34	93.81	318.72	5.94	0	0	0
7221	2050	10	28	2000	0.92	92.43	318.72	5.94	0	0	0
7222	2050	10	28	2100	0.75	91.7	318.72	5.94	0	0	0
7223	2050	10	28	2200	0.66	90.88	318.46	4.95	0	0	0
7224	2050	10	28	2300	0.49	90.13	318.46	4.95	0	0	0
7225	2050	10	29	0	0.32	87.57	318.46	4.95	0	0	0
7226	2050	10	29	100	0.24	85.82	328.54	4.93	0	0	0
7227	2050	10	29	200	0.07	83.2	328.54	4.93	0	0	0
7228	2050	10	29	300	-0.69	83.26	328.17	3.93	0	0	0
7229	2050	10	29	400	-1.37	83.26	327.54	2.94	0	0	0

7230	2050	10	29	500	-2.14	83.27	326.29	1.94	0	0	0
7231	2050	10	29	600	-2.56	84.19	316.12	1.97	0	0	0
7232	2050	10	29	700	-3.07	85.12	317.42	2.96	0	0	0
7233	2050	10	29	800	-3.49	86.04	307.38	2.98	0	0.74	0.74
7234	2050	10	29	900	-3.24	86.04	307.38	2.98	0	18.43	18.42
7235	2050	10	29	1000	-2.9	86.04	306.07	1.99	279.21	46.2	70.65
7236	2050	10	29	1100	-2.64	86.04	306.07	1.99	105.15	80.9	94.97
7237	2050	10	29	1200	-2.39	85.11	296.15	2.01	45.21	85.6	92.67
7238	2050	10	29	1300	-2.05	85.11	296.15	2.01	74.78	78.7	90.36
7239	2050	10	29	1400	-1.8	84.19	286.33	2.04	151.23	81.4	101.05
7240	2050	10	29	1500	-3.07	84.2	286.33	2.04	0	41.19	41.17
7241	2050	10	29	1600	-4.26	83.29	292.39	1.02	0	9.21	9.21
7242	2050	10	29	1700	-5.53	83.3	292.39	1.02	0	0	0
7243	2050	10	29	1800	-6.88	83.32	322.4	0.95	0	0	0
7244	2050	10	29	1900	-8.33	84.26	17.32	0.87	0	0	0
7245	2050	10	29	2000	-9.68	84.29	51.99	0.86	0	0	0
7246	2050	10	29	2100	-10.19	84.3	74.78	0.88	0	0	0
7247	2050	10	29	2200	-10.62	85.23	107.4	0.94	0	0	0
7248	2050	10	29	2300	-11.12	85.24	127.87	0.99	0	0	0
7249	2050	10	30	0	-10.11	86.14	96.78	0.92	0	0	0
7250	2050	10	30	100	-9.09	87.95	28.85	0.86	0	0	0
7251	2050	10	30	200	-8.07	88.84	354.68	0.89	0	0	0
7252	2050	10	30	300	-7.56	88.84	343.67	0.91	0	0	0
7253	2050	10	30	400	-7.05	87.92	322.4	0.95	0	0	0
7254	2050	10	30	500	-6.55	87.91	312.15	0.97	0	0	0
7255	2050	10	30	600	-6.04	88.81	292.39	1.02	0	0	0
7256	2050	10	30	700	-5.53	89.71	267	2.08	0	0	0
7257	2050	10	30	800	-5.02	90.61	248	2.11	0	0.28	0.28
7258	2050	10	30	900	-4.76	90.61	273.46	1.06	0	5.16	5.16
7259	2050	10	30	1000	-4.6	90.61	322.4	0.95	0	23.31	23.3
7260	2050	10	30	1100	-4.34	90.6	217.29	0.14	0	52.24	52.23
7261	2050	10	30	1200	-4.09	90.6	217.29	0.14	0	46.07	46.06
7262	2050	10	30	1300	-3.83	89.69	273.46	1.06	0	52.24	52.23
7263	2050	10	30	1400	-3.58	89.69	246.2	1.11	0	47.74	47.62
7264	2050	10	30	1500	-4.17	88.79	264.25	1.08	0	33.54	33.53
7265	2050	10	30	1600	-4.68	87.88	296.15	2.01	0	10.23	10.22
7266	2050	10	30	1700	-5.27	86.98	316.12	1.97	0	0	0
7267	2050	10	30	1800	-5.95	86.07	306.07	1.99	0	0	0
7268	2050	10	30	1900	-6.63	85.16	307.38	2.98	0	0	0
7269	2050	10	30	2000	-7.31	84.25	297.42	3.01	0	0	0
7270	2050	10	30	2100	-7.99	83.33	297.42	3.01	0	0	0
7271	2050	10	30	2200	-8.58	83.34	296.15	2.01	0	0	0
7272	2050	10	30	2300	-9.26	82.43	296.15	2.01	0	0	0
7273	2050	10	31	0	-9.09	83.35	296.15	2.01	0	0	0
7274	2050	10	31	100	-8.84	84.27	287.54	3.03	0	0	0
7275	2050	10	31	200	-8.67	85.19	287.54	3.03	0	0	0
7276	2050	10	31	300	-8.75	85.19	287.54	3.03	0	0	0
7277	2050	10	31	400	-8.84	86.12	276.62	2.06	0	0	0
7278	2050	10	31	500	-8.92	86.12	276.62	2.06	0	0	0
7279	2050	10	31	600	-9.34	85.2	276.62	2.06	0	0	0
7280	2050	10	31	700	-9.85	85.21	282.84	1.04	0	0	0
7281	2050	10	31	800	-10.28	84.3	282.84	1.04	0	0.74	0.74
7282	2050	10	31	900	-9.43	84.28	273.46	1.06	0	15.11	15.11
7283	2050	10	31	1000	-8.67	84.27	276.62	2.06	0	61.18	61.16
7284	2050	10	31	1100	-7.82	84.26	267	2.08	538.31	35.8	101.88
7285	2050	10	31	1200	-7.05	80.53	257.47	2.09	584.18	38.5	123.8
7286	2050	10	31	1300	-6.21	75.8	238.57	2.12	557.63	37.5	118.18
7287	2050	10	31	1400	-5.44	71.97	229.19	2.12	516.52	30.7	92.11
7288	2050	10	31	1500	-6.29	72.94	219.83	2.13	0	49.39	49.37
7289	2050	10	31	1600	-6.12	73.89	219.83	2.13	0	12.25	12.25
7290	2050	10	31	1700	-6.21	74.85	210.47	2.13	0	0	0
7291	2050	10	31	1800	-6.29	75.8	191.7	2.11	0	0	0
7292	2050	10	31	1900	-6.55	76.75	163.18	2.07	0	0	0
7293	2050	10	31	2000	-6.8	77.7	143.77	2.03	0	0	0

7294	2050	10	31	2100	-7.22	78.65	143.77	2.03	0	0	0
7295	2050	10	31	2200	-7.65	79.6	153.52	2.05	0	0	0
7296	2050	10	31	2300	-8.07	80.54	153.52	2.05	0	0	0
7297	2050	11	1	0	-8.15	82.3	355.6	0.89	0	0	0
7298	2050	11	1	100	-8.63	83.2	355.6	0.89	0	0	0
7299	2050	11	1	200	-8.95	84.09	207.27	0.15	0	0	0
7300	2050	11	1	300	-9.27	84.98	207.27	0.15	0	0	0
7301	2050	11	1	400	-9.52	85.86	322.39	0.95	0	0	0
7302	2050	11	1	500	-9.76	86.74	311.86	0.98	0	0	0
7303	2050	11	1	600	-9.84	87.62	322.39	0.95	0	0	0
7304	2050	11	1	700	-9.84	88.49	336.77	1.95	0	0	0
7305	2050	11	1	800	-9.76	89.35	347.31	1.93	0	0.27	0.27
7306	2050	11	1	900	-9.84	90.22	347.31	1.93	0	6	5.98
7307	2050	11	1	1000	-9.36	90.21	344.28	0.91	0	23.65	23.57
7308	2050	11	1	1100	-8.95	90.21	344.28	0.91	0	45.5	45.36
7309	2050	11	1	1200	-8.79	90.2	344.28	0.91	41.19	55.6	60.99
7310	2050	11	1	1300	-8.63	89.34	333.2	0.93	270.41	52.1	88.04
7311	2050	11	1	1400	-8.47	89.34	333.2	0.93	172.58	41.8	60.27
7312	2050	11	1	1500	-8.63	89.34	344.28	0.91	0	23.92	23.84
7313	2050	11	1	1600	-8.79	90.2	344.28	0.91	0	4.75	4.73
7314	2050	11	1	1700	-8.95	90.21	355.6	0.89	0	0	0
7315	2050	11	1	1800	-9.84	90.22	355.6	0.89	0	0	0
7316	2050	11	1	1900	-10.81	90.04	207.27	0.15	0	0	0
7317	2050	11	1	2000	-11.69	89.26	207.27	0.15	0	0	0
7318	2050	11	1	2100	-11.69	89.26	207.27	0.15	0	0	0
7319	2050	11	1	2200	-11.77	89.19	207.27	0.15	0	0	0
7320	2050	11	1	2300	-11.77	89.19	207.27	0.15	0	0	0
7321	2050	11	2	0	-12.1	88.92	207.27	0.15	0	0	0
7322	2050	11	2	100	-12.42	88.64	344.28	0.91	0	0	0
7323	2050	11	2	200	-12.74	88.36	333.2	0.93	0	0	0
7324	2050	11	2	300	-13.14	88.01	322.39	0.95	0	0	0
7325	2050	11	2	400	-13.63	87.6	322.39	0.95	0	0	0
7326	2050	11	2	500	-14.03	87.26	311.86	0.98	0	0	0
7327	2050	11	2	600	-14.67	86.71	311.86	0.98	0	0	0
7328	2050	11	2	700	-15.24	86.24	311.86	0.98	0	0	0
7329	2050	11	2	800	-15.88	85.7	311.86	0.98	0	0.27	0.27
7330	2050	11	2	900	-14.92	86.51	311.86	0.98	0	5.73	5.71
7331	2050	11	2	1000	-13.87	87.4	311.86	0.98	0	18.45	18.39
7332	2050	11	2	1100	-12.9	88.22	311.86	0.98	0	35.29	35.18
7333	2050	11	2	1200	-12.18	88.85	322.39	0.95	0	45.05	44.91
7334	2050	11	2	1300	-11.53	89.4	347.31	1.93	0	49.53	49.38
7335	2050	11	2	1400	-10.81	90.04	357.95	1.92	0	41.56	41.43
7336	2050	11	2	1500	-12.01	88.98	357.95	1.92	0	23.92	23.84
7337	2050	11	2	1600	-13.3	87.88	355.6	0.89	0	4.75	4.73
7338	2050	11	2	1700	-14.51	86.85	355.6	0.89	0	0	0
7339	2050	11	2	1800	-14.92	86.51	355.6	0.89	0	0	0
7340	2050	11	2	1900	-15.24	86.24	207.27	0.15	0	0	0
7341	2050	11	2	2000	-15.64	85.9	207.27	0.15	0	0	0
7342	2050	11	2	2100	-16.21	85.43	207.27	0.15	0	0	0
7343	2050	11	2	2200	-16.85	84.9	207.27	0.15	0	0	0
7344	2050	11	2	2300	-17.42	84.44	207.27	0.15	0	0	0
7345	2050	11	3	0	-17.66	84.24	207.27	0.15	0	0	0
7346	2050	11	3	100	-17.82	84.11	207.27	0.15	0	0	0
7347	2050	11	3	200	-18.06	83.91	207.27	0.15	0	0	0
7348	2050	11	3	300	-18.22	83.78	207.27	0.15	0	0	0
7349	2050	11	3	400	-18.3	83.71	263.05	1.1	0	0	0
7350	2050	11	3	500	-18.46	83.58	235.97	1.15	0	0	0
7351	2050	11	3	600	-18.38	83.65	218.38	1.17	0	0	0
7352	2050	11	3	700	-18.22	83.78	209.65	1.17	0	0	0
7353	2050	11	3	800	-18.14	83.84	192.18	1.17	0	0.27	0.27
7354	2050	11	3	900	-16.53	85.17	192.18	1.17	0	6.45	6.43
7355	2050	11	3	1000	-14.84	86.58	192.18	1.17	0	34.13	34.02
7356	2050	11	3	1100	-13.22	87.68	192.18	1.17	331.54	34.8	68.22
7357	2050	11	3	1200	-11.93	88.52	218.38	1.17	390.2	41.3	89.56

7358	2050	11	3	1300	-10.56	89.37	266.4	2.12	427.7	38.4	90.81
7359	2050	11	3	1400	-9.27	90.21	295.81	2.05	347.54	34	67.68
7360	2050	11	3	1500	-10.4	89.36	266.4	2.12	0	31.08	30.98
7361	2050	11	3	1600	-11.53	89.38	227.15	1.16	0	4.75	4.73
7362	2050	11	3	1700	-12.66	88.43	200.93	1.17	0	0	0
7363	2050	11	3	1800	-13.14	88.01	192.18	1.17	0	0	0
7364	2050	11	3	1900	-13.71	87.53	183.39	1.16	0	0	0
7365	2050	11	3	2000	-14.19	87.12	174.54	1.15	0	0	0
7366	2050	11	3	2100	-14.35	86.99	174.54	1.15	0	0	0
7367	2050	11	3	2200	-14.43	86.92	172.4	2.17	0	0	0
7368	2050	11	3	2300	-14.59	86.78	172.4	2.17	0	0	0
7369	2050	11	4	0	-15.08	86.38	172.4	2.17	0	0	0
7370	2050	11	4	100	-15.56	85.97	174.54	1.15	0	0	0
7371	2050	11	4	200	-16.04	85.57	174.54	1.15	0	0	0
7372	2050	11	4	300	-15.08	86.38	174.54	1.15	0	0	0
7373	2050	11	4	400	-14.03	87.26	172.4	2.17	0	0	0
7374	2050	11	4	500	-13.06	88.08	172.4	2.17	0	0	0
7375	2050	11	4	600	-11.77	89.19	162.93	2.15	0	0	0
7376	2050	11	4	700	-10.56	90.25	162.93	2.15	0	0	0
7377	2050	11	4	800	-9.27	91.39	153.39	2.13	0	0.27	0.27
7378	2050	11	4	900	-8.15	92.39	153.39	2.13	0	2.96	2.95
7379	2050	11	4	1000	-7.1	93.34	152.29	3.16	0	10.48	10.45
7380	2050	11	4	1100	-5.97	94.37	152.29	3.16	0	17.38	17.32
7381	2050	11	4	1200	-5.16	94.43	152.29	3.16	0	15.14	15.09
7382	2050	11	4	1300	-4.36	95.27	141.9	4.16	0	17.2	17.14
7383	2050	11	4	1400	-3.55	95.27	141.9	4.16	0	12.18	12.14
7384	2050	11	4	1500	-3.23	95.27	141.53	5.18	0	4.75	4.73
7385	2050	11	4	1600	-2.99	94.43	151.39	5.2	0	0	0
7386	2050	11	4	1700	-2.67	94.43	151.16	6.23	0	0	0
7387	2050	11	4	1800	-2.34	94.43	151.16	6.23	0	0	0
7388	2050	11	4	1900	-2.02	93.58	151.39	5.2	0	0	0
7389	2050	11	4	2000	-1.7	93.59	151.39	5.2	0	0	0
7390	2050	11	4	2100	-1.46	94.43	151.39	5.2	0	0	0
7391	2050	11	4	2200	-1.21	94.43	151.39	5.2	0	0	0
7392	2050	11	4	2300	-0.97	95.27	151.39	5.2	0	0	0
7393	2050	11	5	0	-0.89	96.11	151.39	5.2	0	0	0
7394	2050	11	5	100	-0.73	96.11	151.39	5.2	0	0	0
7395	2050	11	5	200	-0.65	96.94	151.39	5.2	0	0	0
7396	2050	11	5	300	-0.41	97.77	151.73	4.18	0	0	0
7397	2050	11	5	400	-0.09	97.78	151.73	4.18	0	0	0
7398	2050	11	5	500	0.16	98.45	152.29	3.16	0	0	0
7399	2050	11	5	600	0.24	98.38	152.29	3.16	0	0	0
7400	2050	11	5	700	0.24	97.55	142.53	3.13	0	0	0
7401	2050	11	5	800	0.32	97.48	142.53	3.13	0	0	0
7402	2050	11	5	900	0.24	97.55	142.53	3.13	0	0.54	0.54
7403	2050	11	5	1000	0.24	98.38	143.75	2.11	0	7.97	7.95
7404	2050	11	5	1100	0.16	98.45	143.75	2.11	0	15.41	15.36
7405	2050	11	5	1200	0.24	98.38	143.75	2.11	0	24.9	24.82
7406	2050	11	5	1300	0.32	97.48	137.87	1.07	0	22.12	22.06
7407	2050	11	5	1400	0.4	97.4	137.87	1.07	0	14.69	14.64
7408	2050	11	5	1500	0.32	98.3	108.31	0.99	0	7.26	7.23
7409	2050	11	5	1600	0.24	98.38	65.15	0.9	0	0	0
7410	2050	11	5	1700	0.16	99.28	30.47	0.87	0	0	0
7411	2050	11	5	1800	0.16	99.28	18.76	0.88	0	0	0
7412	2050	11	5	1900	0.08	99.35	8.66	1.91	0	0	0
7413	2050	11	5	2000	0.08	99.35	357.95	1.92	0	0	0
7414	2050	11	5	2100	-0.17	96.95	357.95	1.92	0	0	0
7415	2050	11	5	2200	-0.41	95.28	358.66	2.94	0	0	0
7416	2050	11	5	2300	-0.65	92.75	358.66	2.94	0	0	0
7417	2050	11	6	0	-1.13	92.74	358.66	2.94	0	0	0
7418	2050	11	6	100	-1.54	93.59	348.24	2.95	0	0	0
7419	2050	11	6	200	-2.02	93.58	348.24	2.95	0	0	0
7420	2050	11	6	300	-1.54	94.43	348.24	2.95	0	0	0
7421	2050	11	6	400	-0.97	94.43	337.88	2.97	0	0	0

7422	2050	11	6	500	-0.49	95.28	337.88	2.97	0	0	0
7423	2050	11	6	600	-0.09	94.44	348.24	2.95	0	0	0
7424	2050	11	6	700	0.24	93.38	348.69	3.98	0	0	0
7425	2050	11	6	800	0.64	92.18	359.01	3.96	0	0.27	0.27
7426	2050	11	6	900	0.8	91.2	359.01	3.96	0	2.96	2.96
7427	2050	11	6	1000	0.88	91.13	348.96	5	0	10.66	10.63
7428	2050	11	6	1100	1.04	90.14	348.96	5	0	22.66	22.59
7429	2050	11	6	1200	1.2	90	348.96	5	0	25.35	25.27
7430	2050	11	6	1300	1.28	90.78	359.01	3.96	0	32.33	32.24
7431	2050	11	6	1400	1.45	90.64	359.01	3.96	0	29.11	29.02
7432	2050	11	6	1500	1.53	91.4	359.01	3.96	0	14.15	14.11
7433	2050	11	6	1600	1.69	91.26	348.69	3.98	0	0	0
7434	2050	11	6	1700	1.77	92.02	348.69	3.98	0	0	0
7435	2050	11	6	1800	1.77	90.36	348.96	5	0	0	0
7436	2050	11	6	1900	1.69	87.9	348.96	5	0	0	0
7437	2050	11	6	2000	1.69	86.19	349.14	6.03	0	0	0
7438	2050	11	6	2100	1.69	85.33	349.14	6.03	0	0	0
7439	2050	11	6	2200	1.77	85.27	349.14	6.03	0	0	0
7440	2050	11	6	2300	1.77	84.41	349.14	6.03	0	0	0
7441	2050	11	7	0	1.61	83.67	349.14	6.03	0	0	0
7442	2050	11	7	100	1.45	83.8	359.21	4.99	0	0	0
7443	2050	11	7	200	1.28	83.06	359.21	4.99	0	0	0
7444	2050	11	7	300	1.2	81.36	359.21	4.99	0	0	0
7445	2050	11	7	400	1.04	78.82	359.35	6.01	0	0	0
7446	2050	11	7	500	0.96	77.08	359.35	6.01	0	0	0
7447	2050	11	7	600	0.8	78.1	359.21	4.99	0	0	0
7448	2050	11	7	700	0.56	78.29	348.69	3.98	0	0	0
7449	2050	11	7	800	0.4	79.31	348.24	2.95	0	0	0
7450	2050	11	7	900	0.16	79.49	348.24	2.95	0	0.54	0.54
7451	2050	11	7	1000	-0.01	78.7	348.24	2.95	0	10.93	10.89
7452	2050	11	7	1100	-0.25	78.7	348.24	2.95	0	30.36	30.27
7453	2050	11	7	1200	-0.41	77.79	348.24	2.95	0	40.31	40.18
7454	2050	11	7	1300	-0.49	76.88	336.77	1.95	0	47.56	47.41
7455	2050	11	7	1400	-0.65	75.96	336.77	1.95	0	48.55	48.4
7456	2050	11	7	1500	-1.7	80.5	326.34	1.97	0	21.41	21.34
7457	2050	11	7	1600	-2.83	84.95	316.03	1.99	0	2.51	2.5
7458	2050	11	7	1700	-3.87	89.31	305.85	2.02	0	0	0
7459	2050	11	7	1800	-3.79	91.03	276.09	2.1	0	0	0
7460	2050	11	7	1900	-3.63	91.88	209.65	1.17	0	0	0
7461	2050	11	7	2000	-3.55	93.58	183.39	1.16	0	0	0
7462	2050	11	7	2100	-3.07	93.58	192.18	1.17	0	0	0
7463	2050	11	7	2200	-2.5	93.58	209.65	1.17	0	0	0
7464	2050	11	7	2300	-2.02	93.58	218.38	1.17	0	0	0
7465	2050	11	8	0	-1.7	93.59	227.15	1.16	0	0	0
7466	2050	11	8	100	-1.38	92.74	244.88	1.14	0	0	0
7467	2050	11	8	200	-1.05	92.74	253.9	1.12	0	0	0
7468	2050	11	8	300	-1.46	93.59	281.89	1.05	0	0	0
7469	2050	11	8	400	-1.78	93.59	207.27	0.15	0	0	0
7470	2050	11	8	500	-2.18	94.43	207.27	0.15	0	0	0
7471	2050	11	8	600	-1.86	95.27	207.27	0.15	0	0	0
7472	2050	11	8	700	-1.54	95.27	291.63	1.03	0	0	0
7473	2050	11	8	800	-1.21	96.11	272.38	1.08	0	0	0
7474	2050	11	8	900	-0.73	96.11	272.38	1.08	0	0.54	0.54
7475	2050	11	8	1000	-0.33	95.28	272.38	1.08	0	8.42	8.39
7476	2050	11	8	1100	0.16	95.14	272.38	1.08	0	25.17	25.09
7477	2050	11	8	1200	0.72	94.62	272.38	1.08	0	27.41	27.32
7478	2050	11	8	1300	1.28	94.11	285.89	2.07	0	26.87	26.79
7479	2050	11	8	1400	1.85	93.61	285.89	2.07	0	14.42	14.38
7480	2050	11	8	1500	1.85	94.43	276.09	2.1	0	4.75	4.73
7481	2050	11	8	1600	1.85	95.24	263.05	1.1	0	0	0
7482	2050	11	8	1700	1.85	96.06	253.9	1.12	0	0	0
7483	2050	11	8	1800	1.69	96.21	227.15	1.16	0	0	0
7484	2050	11	8	1900	1.61	97.09	200.93	1.17	0	0	0
7485	2050	11	8	2000	1.45	97.24	174.54	1.15	0	0	0

7486	2050	11	8	2100	1.12	97.54	165.58	1.13	0	0	0
7487	2050	11	8	2200	0.88	207.27	207.27	0.15	0	0	0
7488	2050	11	8	2300	0.56	98.89	207.27	0.15	0	0	0
7489	2050	11	9	0	0.4	99.04	207.27	0.15	0	0	0
7490	2050	11	9	100	0.16	98.45	200.93	1.17	0	0	0
7491	2050	11	9	200	-0.01	98.6	192.18	1.17	0	0	0
7492	2050	11	9	300	-0.97	99.06	192.18	1.17	0	0	0
7493	2050	11	9	400	-2.02	98.06	200.49	2.2	0	0	0
7494	2050	11	9	500	-2.99	97.14	200.49	2.2	0	0	0
7495	2050	11	9	600	-2.58	97.52	191.16	2.19	0	0	0
7496	2050	11	9	700	-2.26	97.83	174.54	1.15	0	0	0
7497	2050	11	9	800	-1.86	98.21	165.58	1.13	0	0	0
7498	2050	11	9	900	-1.7	98.36	165.58	1.13	0	0.54	0.54
7499	2050	11	9	1000	-1.46	98.6	174.54	1.15	0	8.24	8.22
7500	2050	11	9	1100	-1.3	98.75	174.54	1.15	0	23.11	23.04
7501	2050	11	9	1200	-1.3	98.59	174.54	1.15	0	37.53	37.41
7502	2050	11	9	1300	-1.38	98.59	174.54	1.15	0	40.04	39.91
7503	2050	11	9	1400	-1.38	97.77	174.54	1.15	0	43.26	43.13
7504	2050	11	9	1500	-1.86	98.21	172.4	2.17	0	14.42	14.38
7505	2050	11	9	1600	-2.26	97.83	172.4	2.17	0	2.51	2.5
7506	2050	11	9	1700	-2.75	97.37	171.63	3.19	0	0	0
7507	2050	11	9	1800	-3.07	97.06	171.63	3.19	0	0	0
7508	2050	11	9	1900	-3.39	96.76	172.4	2.17	0	0	0
7509	2050	11	9	2000	-3.71	96.46	172.4	2.17	0	0	0
7510	2050	11	9	2100	-3.71	96.46	162.93	2.15	0	0	0
7511	2050	11	9	2200	-3.79	96.38	161.99	3.18	0	0	0
7512	2050	11	9	2300	-3.79	96.38	152.29	3.16	0	0	0
7513	2050	11	10	0	-3.31	96.84	161.99	3.18	0	0	0
7514	2050	11	10	100	-2.83	97.29	171.23	4.22	0	0	0
7515	2050	11	10	200	-2.34	97.75	180.93	4.23	0	0	0
7516	2050	11	10	300	-1.3	98.59	180.93	4.23	0	0	0
7517	2050	11	10	400	-0.17	99.42	180.75	5.25	0	0	0
7518	2050	11	10	500	0.88	98.59	180.75	5.25	0	0	0
7519	2050	11	10	600	1.36	97.32	190.48	5.26	0	0	0
7520	2050	11	10	700	1.85	96.06	190.41	6.29	0	0	0
7521	2050	11	10	800	2.33	95.17	200.17	6.29	0	0	0
7522	2050	11	10	900	2.41	94.35	200.17	6.29	0	0.27	0.27
7523	2050	11	10	1000	2.49	92.71	200.15	7.32	0	5.46	5.45
7524	2050	11	10	1100	2.57	91.88	200.15	7.32	0	14.96	14.91
7525	2050	11	10	1200	2.57	91.88	200.15	7.32	0	14.96	14.91
7526	2050	11	10	1300	2.57	91.88	190.35	7.31	0	14.69	14.64
7527	2050	11	10	1400	2.57	91.88	190.35	7.31	0	7.26	7.23
7528	2050	11	10	1500	2.57	93.53	190.35	7.31	0	2.51	2.5
7529	2050	11	10	1600	2.57	95.17	190.31	8.33	0	0	0
7530	2050	11	10	1700	2.57	96.79	190.31	8.33	0	0	0
7531	2050	11	10	1800	2.82	95.17	190.31	8.33	0	0	0
7532	2050	11	10	1900	3.06	93.53	200.12	9.36	0	0	0
7533	2050	11	10	2000	3.3	91.88	200.12	9.36	0	0	0
7534	2050	11	10	2100	3.06	93.53	200.13	8.34	0	0	0
7535	2050	11	10	2200	2.82	95.17	200.13	8.34	0	0	0
7536	2050	11	10	2300	2.57	96.79	200.15	7.32	0	0	0
7537	2050	11	11	0	2.57	95.98	200.15	7.32	0	0	0
7538	2050	11	11	100	2.65	95.98	209.94	7.32	0	0	0
7539	2050	11	11	200	2.65	95.17	209.94	7.32	0	0	0
7540	2050	11	11	300	2.57	95.17	209.93	6.29	0	0	0
7541	2050	11	11	400	2.57	94.35	219.7	6.29	0	0	0
7542	2050	11	11	500	2.49	94.35	219.64	5.27	0	0	0
7543	2050	11	11	600	2.41	92.71	219.64	5.27	0	0	0
7544	2050	11	11	700	2.25	91.88	219.55	4.24	0	0	0
7545	2050	11	11	800	2.17	90.22	219.55	4.24	0	0	0
7546	2050	11	11	900	2.17	89.38	219.55	4.24	0	0.27	0.27
7547	2050	11	11	1000	2.25	88.54	229.22	4.23	0	2.96	2.95
7548	2050	11	11	1100	2.25	87.69	229.22	4.23	0	12.9	12.86
7549	2050	11	11	1200	2.17	86.85	229.22	4.23	0	21.86	21.79

7550	2050	11	11	1300	2.01	85.99	229.37	5.26	0	12.45	12.41
7551	2050	11	11	1400	1.93	85.14	229.37	5.26	0	9.67	9.64
7552	2050	11	11	1500	2.01	85.99	229.22	4.23	0	4.75	4.73
7553	2050	11	11	1600	2.01	87.69	229.22	4.23	0	0	0
7554	2050	11	11	1700	2.09	88.54	228.97	3.21	0	0	0
7555	2050	11	11	1800	1.85	89.45	237.87	2.18	0	0	0
7556	2050	11	11	1900	1.69	90.43	256.81	2.14	0	0	0
7557	2050	11	11	2000	1.45	91.47	263.05	1.1	0	0	0
7558	2050	11	11	2100	1.2	90.85	263.05	1.1	0	0	0
7559	2050	11	11	2200	1.04	90.99	253.9	1.12	0	0	0
7560	2050	11	11	2300	0.8	90.35	253.9	1.12	0	0	0
7561	2050	11	12	0	0.56	90.56	266.4	2.12	0	0	0
7562	2050	11	12	100	0.4	90.7	276.09	2.1	0	0	0
7563	2050	11	12	200	0.16	90.91	287.25	3.09	0	0	0
7564	2050	11	12	300	-0.17	91.9	297.21	3.07	0	0	0
7565	2050	11	12	400	-0.57	92.75	316.03	1.99	0	0	0
7566	2050	11	12	500	-0.89	93.59	326.34	1.97	0	0	0
7567	2050	11	12	600	-1.46	94.43	326.34	1.97	0	0	0
7568	2050	11	12	700	-1.94	96.1	317.38	3.02	0	0	0
7569	2050	11	12	800	-2.5	96.93	317.38	3.02	0	0	0
7570	2050	11	12	900	-2.83	97.29	295.81	2.05	0	0.54	0.54
7571	2050	11	12	1000	-3.23	96.91	276.09	2.1	0	8.24	8.22
7572	2050	11	12	1100	-3.55	96.61	253.9	1.12	0	23.65	23.57
7573	2050	11	12	1200	-3.87	96.1	235.97	1.15	0	45.32	45.18
7574	2050	11	12	1300	-4.2	93.58	227.15	1.16	0	54.01	53.84
7575	2050	11	12	1400	-4.52	91.03	209.65	1.17	0	38.6	38.49
7576	2050	11	12	1500	-6.37	91.04	227.15	1.16	0	11.91	11.88
7577	2050	11	12	1600	-8.15	90.2	235.97	1.15	0	0	0
7578	2050	11	12	1700	-10	90.22	253.9	1.12	0	0	0
7579	2050	11	12	1800	-11.21	89.38	281.89	1.05	0	0	0
7580	2050	11	12	1900	-12.34	88.53	207.27	0.15	0	0	0
7581	2050	11	12	2000	-13.55	87.67	207.27	0.15	0	0	0
7582	2050	11	12	2100	-13.79	87.46	207.27	0.15	0	0	0
7583	2050	11	12	2200	-14.03	87.26	355.6	0.89	0	0	0
7584	2050	11	12	2300	-14.27	87.05	165.58	1.13	0	0	0
7585	2050	11	13	0	-13.55	87.67	147.28	1.09	0	0	0
7586	2050	11	13	100	-12.9	88.22	207.27	0.15	0	0	0
7587	2050	11	13	200	-12.18	88.85	207.27	0.15	0	0	0
7588	2050	11	13	300	-11.93	89.05	207.27	0.15	0	0	0
7589	2050	11	13	400	-11.61	89.33	355.6	0.89	0	0	0
7590	2050	11	13	500	-11.37	89.54	108.31	0.99	0	0	0
7591	2050	11	13	600	-11.21	89.68	76.34	0.92	0	0	0
7592	2050	11	13	700	-10.97	89.9	207.27	0.15	0	0	0
7593	2050	11	13	800	-10.81	90.04	207.27	0.15	0	0	0
7594	2050	11	13	900	-10.89	89.97	207.27	0.15	0	0.27	0.27
7595	2050	11	13	1000	-10.97	89.9	207.27	0.15	0	5.73	5.71
7596	2050	11	13	1100	-11.05	89.82	207.27	0.15	0	17.91	17.86
7597	2050	11	13	1200	-10.56	90.23	207.27	0.15	0	27.14	27.06
7598	2050	11	13	1300	-10.08	90.67	18.76	0.88	0	21.86	21.79
7599	2050	11	13	1400	-9.6	91.07	30.47	0.87	0	12.18	12.14
7600	2050	11	13	1500	-9.36	91.31	18.76	0.88	0	4.75	4.73
7601	2050	11	13	1600	-9.19	91.46	355.6	0.89	0	0	0
7602	2050	11	13	1700	-8.95	91.67	344.28	0.91	0	0	0
7603	2050	11	13	1800	-8.71	91.89	344.28	0.91	0	0	0
7604	2050	11	13	1900	-8.39	92.18	336.77	1.95	0	0	0
7605	2050	11	13	2000	-8.15	92.39	336.77	1.95	0	0	0
7606	2050	11	13	2100	-7.74	92.76	336.77	1.95	0	0	0
7607	2050	11	13	2200	-7.34	93.12	344.28	0.91	0	0	0
7608	2050	11	13	2300	-6.94	93.48	344.28	0.91	0	0	0
7609	2050	11	14	0	-7.1	93.34	344.28	0.91	0	0	0
7610	2050	11	14	100	-7.18	93.27	336.77	1.95	0	0	0
7611	2050	11	14	200	-7.34	93.12	336.77	1.95	0	0	0
7612	2050	11	14	300	-7.34	93.12	336.77	1.95	0	0	0
7613	2050	11	14	400	-7.34	93.12	344.28	0.91	0	0	0

7614	2050	11	14	500	-7.34	93.12	344.28	0.91	0	0	0
7615	2050	11	14	600	-6.86	93.56	344.28	0.91	0	0	0
7616	2050	11	14	700	-6.45	93.92	355.6	0.89	0	0	0
7617	2050	11	14	800	-5.97	94.37	355.6	0.89	0	0	0
7618	2050	11	14	900	-5.57	94.43	355.6	0.89	0	0.27	0.27
7619	2050	11	14	1000	-5.24	93.59	355.6	0.89	0	5.2	5.18
7620	2050	11	14	1100	-4.84	93.58	355.6	0.89	0	12.72	12.68
7621	2050	11	14	1200	-4.92	94.43	7.11	0.88	0	19.88	19.82
7622	2050	11	14	1300	-5	95.26	7.11	0.88	0	19.62	19.56
7623	2050	11	14	1400	-5.08	95.18	18.76	0.88	0	12.18	12.14
7624	2050	11	14	1500	-6.45	93.92	7.11	0.88	0	4.75	4.73
7625	2050	11	14	1600	-7.9	92.61	344.28	0.91	0	0	0
7626	2050	11	14	1700	-9.27	91.39	333.2	0.93	0	0	0
7627	2050	11	14	1800	-9.6	91.1	322.39	0.95	0	0	0
7628	2050	11	14	1900	-10	90.74	311.86	0.98	0	0	0
7629	2050	11	14	2000	-10.32	90.46	301.61	1	0	0	0
7630	2050	11	14	2100	-9.84	90.89	322.39	0.95	0	0	0
7631	2050	11	14	2200	-9.44	91.24	207.27	0.15	0	0	0
7632	2050	11	14	2300	-8.95	91.67	207.27	0.15	0	0	0
7633	2050	11	15	0	-8.39	92.18	207.27	0.15	0	0	0
7634	2050	11	15	100	-7.82	92.68	118.41	1.02	0	0	0
7635	2050	11	15	200	-7.26	93.19	147.28	1.09	0	0	0
7636	2050	11	15	300	-6.78	93.6	147.28	1.09	0	0	0
7637	2050	11	15	400	-6.37	94	143.75	2.11	0	0	0
7638	2050	11	15	500	-5.89	94.43	143.75	2.11	0	0	0
7639	2050	11	15	600	-5	95.26	162.93	2.15	0	0	0
7640	2050	11	15	700	-4.12	96.08	181.23	3.21	0	0	0
7641	2050	11	15	800	-3.23	96.91	200.34	3.22	0	0	0
7642	2050	11	15	900	-2.99	96.93	200.34	3.22	0	0.27	0.27
7643	2050	11	15	1000	-2.83	96.93	209.9	4.25	0	5.2	5.18
7644	2050	11	15	1100	-2.58	96.93	209.9	4.25	0	14.96	14.91
7645	2050	11	15	1200	-2.42	96.94	209.9	4.25	0	17.2	17.14
7646	2050	11	15	1300	-2.26	97.76	200.21	5.27	0	9.94	9.91
7647	2050	11	15	1400	-2.1	97.77	200.21	5.27	0	7.26	7.23
7648	2050	11	15	1500	-1.46	96.94	200.17	6.29	0	0	0
7649	2050	11	15	1600	-0.81	96.11	200.17	6.29	0	0	0
7650	2050	11	15	1700	-0.17	95.28	200.15	7.32	0	0	0
7651	2050	11	15	1800	0.08	92.68	200.15	7.32	0	0	0
7652	2050	11	15	1900	0.4	90.7	209.94	7.32	0	0	0
7653	2050	11	15	2000	0.64	87.92	209.94	7.32	0	0	0
7654	2050	11	15	2100	0.64	87.92	209.94	7.32	0	0	0
7655	2050	11	15	2200	0.72	86.99	209.93	6.29	0	0	0
7656	2050	11	15	2300	0.72	86.99	209.93	6.29	0	0	0
7657	2050	11	16	0	0.96	86.79	209.93	6.29	0	0	0
7658	2050	11	16	100	1.12	85.8	209.92	5.27	0	0	0
7659	2050	11	16	200	1.36	85.6	209.92	5.27	0	0	0
7660	2050	11	16	300	1.61	84.54	209.93	6.29	0	0	0
7661	2050	11	16	400	1.93	84.28	209.93	6.29	0	0	0
7662	2050	11	16	500	2.17	83.42	209.94	7.32	0	0	0
7663	2050	11	16	600	2.09	84.28	209.93	6.29	0	0	0
7664	2050	11	16	700	1.93	85.99	200.17	6.29	0	0	0
7665	2050	11	16	800	1.85	86.91	200.21	5.27	0	0	0
7666	2050	11	16	900	1.61	87.11	190.48	5.26	0	0	0
7667	2050	11	16	1000	1.45	88.1	190.48	5.26	0	2.51	2.5
7668	2050	11	16	1100	1.2	88.3	180.75	5.25	0	5.2	5.18
7669	2050	11	16	1200	1.04	88.44	180.63	6.28	0	9.94	9.91
7670	2050	11	16	1300	0.96	87.65	190.41	6.29	0	12.45	12.41
7671	2050	11	16	1400	0.8	87.79	190.35	7.31	0	9.67	9.64
7672	2050	11	16	1500	0.8	86.93	190.35	7.31	0	0	0
7673	2050	11	16	1600	0.72	86.13	200.13	8.34	0	0	0
7674	2050	11	16	1700	0.72	85.26	200.13	8.34	0	0	0
7675	2050	11	16	1800	0.72	84.38	200.15	7.32	0	0	0
7676	2050	11	16	1900	0.8	84.32	190.35	7.31	0	0	0
7677	2050	11	16	2000	0.8	83.44	190.41	6.29	0	0	0

7678	2050	11	16	2100	0.88	85.13	190.41	6.29	0	0	0
7679	2050	11	16	2200	0.96	85.93	180.63	6.28	0	0	0
7680	2050	11	16	2300	1.04	87.58	180.63	6.28	0	0	0
7681	2050	11	17	0	1.04	88.44	180.63	6.28	0	0	0
7682	2050	11	17	100	0.96	90.21	190.41	6.29	0	0	0
7683	2050	11	17	200	0.96	91.06	190.41	6.29	0	0	0
7684	2050	11	17	300	0.96	91.06	190.41	6.29	0	0	0
7685	2050	11	17	400	0.88	91.13	190.41	6.29	0	0	0
7686	2050	11	17	500	0.88	91.13	190.41	6.29	0	0	0
7687	2050	11	17	600	0.96	92.74	190.48	5.26	0	0	0
7688	2050	11	17	700	1.12	93.43	180.75	5.25	0	0	0
7689	2050	11	17	800	1.2	95.01	180.93	4.23	0	0	0
7690	2050	11	17	900	1.2	95.01	180.93	4.23	0	0	0
7691	2050	11	17	1000	1.2	95.83	180.75	5.25	0	0.27	0.27
7692	2050	11	17	1100	1.2	95.83	180.75	5.25	0	10.21	10.18
7693	2050	11	17	1200	1.28	95.76	180.75	5.25	0	19.62	19.56
7694	2050	11	17	1300	1.45	96.43	180.75	5.25	0	12.45	12.41
7695	2050	11	17	1400	1.53	96.35	180.75	5.25	0	9.67	9.64
7696	2050	11	17	1500	1.53	96.35	180.75	5.25	0	0	0
7697	2050	11	17	1600	1.53	95.54	180.75	5.25	0	0	0
7698	2050	11	17	1700	1.53	95.54	180.75	5.25	0	0	0
7699	2050	11	17	1800	1.61	94.65	170.99	5.24	0	0	0
7700	2050	11	17	1900	1.61	94.65	171.23	4.22	0	0	0
7701	2050	11	17	2000	1.69	93.75	161.5	4.2	0	0	0
7702	2050	11	17	2100	1.69	94.57	171.23	4.22	0	0	0
7703	2050	11	17	2200	1.61	95.46	170.99	5.24	0	0	0
7704	2050	11	17	2300	1.61	96.28	180.75	5.25	0	0	0
7705	2050	11	18	0	1.69	96.21	180.75	5.25	0	0	0
7706	2050	11	18	100	1.77	95.32	180.63	6.28	0	0	0
7707	2050	11	18	200	1.85	95.24	180.63	6.28	0	0	0
7708	2050	11	18	300	1.93	95.98	180.63	6.28	0	0	0
7709	2050	11	18	400	2.01	95.98	180.63	6.28	0	0	0
7710	2050	11	18	500	2.09	96.79	180.63	6.28	0	0	0
7711	2050	11	18	600	2.09	96.79	170.99	5.24	0	0	0
7712	2050	11	18	700	2.09	95.98	170.99	5.24	0	0	0
7713	2050	11	18	800	2.09	95.98	161.5	4.2	0	0	0
7714	2050	11	18	900	2.17	95.17	170.99	5.24	0	0	0
7715	2050	11	18	1000	2.17	94.35	170.99	5.24	0	0.27	0.27
7716	2050	11	18	1100	2.25	93.53	180.63	6.28	0	5.2	5.18
7717	2050	11	18	1200	2.17	94.35	180.63	6.28	0	9.94	9.91
7718	2050	11	18	1300	2.01	94.35	170.83	6.26	0	12.45	12.41
7719	2050	11	18	1400	1.93	95.17	170.83	6.26	0	9.67	9.64
7720	2050	11	18	1500	1.93	94.35	170.83	6.26	0	0	0
7721	2050	11	18	1600	1.85	94.43	170.71	7.29	0	0	0
7722	2050	11	18	1700	1.85	93.61	170.71	7.29	0	0	0
7723	2050	11	18	1800	1.53	93.07	170.71	7.29	0	0	0
7724	2050	11	18	1900	1.2	93.36	170.71	7.29	0	0	0
7725	2050	11	18	2000	0.88	92.81	170.71	7.29	0	0	0
7726	2050	11	18	2100	0.72	92.11	170.71	7.29	0	0	0
7727	2050	11	18	2200	0.64	91.34	180.54	7.3	0	0	0
7728	2050	11	18	2300	0.48	90.63	180.54	7.3	0	0	0
7729	2050	11	19	0	0.32	90.77	180.63	6.28	0	0	0
7730	2050	11	19	100	0.24	90.84	170.83	6.26	0	0	0
7731	2050	11	19	200	0.08	90.98	170.99	5.24	0	0	0
7732	2050	11	19	300	-0.01	91.9	161.21	5.22	0	0	0
7733	2050	11	19	400	-0.09	93.6	161.01	6.25	0	0	0
7734	2050	11	19	500	-0.17	94.44	151.16	6.23	0	0	0
7735	2050	11	19	600	-0.17	95.28	151.16	6.23	0	0	0
7736	2050	11	19	700	-0.17	95.28	151.16	6.23	0	0	0
7737	2050	11	19	800	-0.17	96.11	151.16	6.23	0	0	0
7738	2050	11	19	900	-0.09	96.11	151.39	5.2	0	0	0
7739	2050	11	19	1000	-0.01	96.12	151.39	5.2	0	0	0
7740	2050	11	19	1100	0.08	96.05	151.73	4.18	0	5.02	5
7741	2050	11	19	1200	0.08	96.05	151.73	4.18	0	7.43	7.41

7742	2050	11	19	1300	0.16	95.97	161.21	5.22	0	9.94	9.91
7743	2050	11	19	1400	0.16	95.97	161.21	5.22	0	7.43	7.41
7744	2050	11	19	1500	0.16	96.8	151.39	5.2	0	0	0
7745	2050	11	19	1600	0.08	97.71	151.73	4.18	0	0	0
7746	2050	11	19	1700	0.08	98.53	141.9	4.16	0	0	0
7747	2050	11	19	1800	0.08	98.53	141.9	4.16	0	0	0
7748	2050	11	19	1900	0.08	98.53	142.53	3.13	0	0	0
7749	2050	11	19	2000	0.08	98.53	142.53	3.13	0	0	0
7750	2050	11	19	2100	0.16	98.45	142.53	3.13	0	0	0
7751	2050	11	19	2200	0.24	99.2	143.75	2.11	0	0	0
7752	2050	11	19	2300	0.32	99.12	143.75	2.11	0	0	0
7753	2050	11	20	0	0.16	99.28	172.4	2.17	0	0	0
7754	2050	11	20	100	-0.01	98.6	218.38	1.17	0	0	0
7755	2050	11	20	200	-0.17	98.6	244.88	1.14	0	0	0
7756	2050	11	20	300	0.16	98.45	247.3	2.16	0	0	0
7757	2050	11	20	400	0.4	97.4	256.81	2.14	0	0	0
7758	2050	11	20	500	0.72	97.1	257.84	3.16	0	0	0
7759	2050	11	20	600	0.96	96.88	257.84	3.16	0	0	0
7760	2050	11	20	700	1.28	97.39	267.57	3.14	0	0	0
7761	2050	11	20	800	1.53	97.17	267.57	3.14	0	0	0
7762	2050	11	20	900	0.8	96.2	257.84	3.16	0	0	0
7763	2050	11	20	1000	0.08	94.37	248.62	4.21	0	2.78	2.77
7764	2050	11	20	1100	-0.65	92.75	238.9	4.22	0	10.21	10.18
7765	2050	11	20	1200	-1.46	94.43	219.55	4.24	0	27.41	27.32
7766	2050	11	20	1300	-2.26	95.27	200.34	3.22	0	32.07	31.97
7767	2050	11	20	1400	-3.07	96.93	181.23	3.21	0	14.69	14.64
7768	2050	11	20	1500	-3.23	96.1	180.93	4.23	0	2.51	2.5
7769	2050	11	20	1600	-3.31	96.1	180.93	4.23	0	0	0
7770	2050	11	20	1700	-3.47	95.27	180.75	5.25	0	0	0
7771	2050	11	20	1800	-2.26	95.27	180.75	5.25	0	0	0
7772	2050	11	20	1900	-1.13	96.11	190.6	4.24	0	0	0
7773	2050	11	20	2000	0.08	96.05	190.6	4.24	0	0	0
7774	2050	11	20	2100	0.16	95.14	190.48	5.26	0	0	0
7775	2050	11	20	2200	0.16	95.14	190.48	5.26	0	0	0
7776	2050	11	20	2300	0.24	94.23	190.41	6.29	0	0	0
7777	2050	11	21	0	-0.25	94.44	170.99	5.24	0	0	0
7778	2050	11	21	100	-0.65	95.27	161.21	5.22	0	0	0
7779	2050	11	21	200	-1.13	95.27	141.9	4.16	0	0	0
7780	2050	11	21	300	-1.13	95.27	141.9	4.16	0	0	0
7781	2050	11	21	400	-1.21	94.43	141.53	5.18	0	0	0
7782	2050	11	21	500	-1.21	94.43	141.53	5.18	0	0	0
7783	2050	11	21	600	-1.13	94.43	141.53	5.18	0	0	0
7784	2050	11	21	700	-1.05	93.59	131.62	5.15	0	0	0
7785	2050	11	21	800	-0.97	93.59	131.62	5.15	0	0	0
7786	2050	11	21	900	-0.97	92.74	121.67	5.13	0	0	0
7787	2050	11	21	1000	-0.97	92.74	111.67	5.1	0	0	0
7788	2050	11	21	1100	-0.97	91.89	101.61	5.08	0	5.02	5
7789	2050	11	21	1200	-1.21	92.74	101.61	5.08	0	7.43	7.41
7790	2050	11	21	1300	-1.54	92.74	101.34	6.1	0	9.94	9.91
7791	2050	11	21	1400	-1.78	93.59	101.34	6.1	0	5.02	5
7792	2050	11	21	1500	-1.54	93.59	91.51	5.05	0	0	0
7793	2050	11	21	1600	-1.21	92.74	91.51	5.05	0	0	0
7794	2050	11	21	1700	-0.97	92.74	81.7	4.01	0	0	0
7795	2050	11	21	1800	-0.65	93.59	81.7	4.01	0	0	0
7796	2050	11	21	1900	-0.33	95.28	71.16	5.01	0	0	0
7797	2050	11	21	2000	-0.01	96.12	71.16	5.01	0	0	0
7798	2050	11	21	2100	-0.01	96.12	71.16	5.01	0	0	0
7799	2050	11	21	2200	0.08	96.05	60.93	4.99	0	0	0
7800	2050	11	21	2300	0.08	96.05	60.93	4.99	0	0	0
7801	2050	11	22	0	-0.01	96.12	60.93	4.99	0	0	0
7802	2050	11	22	100	-0.17	95.28	60.93	4.99	0	0	0
7803	2050	11	22	200	-0.25	95.28	60.93	4.99	0	0	0
7804	2050	11	22	300	-0.41	95.28	50.67	4.98	0	0	0
7805	2050	11	22	400	-0.49	94.44	40.48	3.95	0	0	0

7806	2050	11	22	500	-0.65	94.43	30.1	3.95	0	0	0
7807	2050	11	22	600	-0.65	93.59	40.48	3.95	0	0	0
7808	2050	11	22	700	-0.65	93.59	40.48	3.95	0	0	0
7809	2050	11	22	800	-0.65	92.75	50.84	3.96	0	0	0
7810	2050	11	22	900	-0.73	93.59	50.84	3.96	0	0	0
7811	2050	11	22	1000	-0.73	95.27	40.65	2.93	0	0	0
7812	2050	11	22	1100	-0.81	96.11	40.65	2.93	0	5.2	5.18
7813	2050	11	22	1200	-0.97	96.94	19.63	2.92	0	12.45	12.41
7814	2050	11	22	1300	-1.05	96.94	8.66	1.91	0	9.94	9.91
7815	2050	11	22	1400	-1.21	97.77	347.31	1.93	0	5.02	5
7816	2050	11	22	1500	-1.46	97.77	347.31	1.93	0	0	0
7817	2050	11	22	1600	-1.62	96.94	347.31	1.93	0	0	0
7818	2050	11	22	1700	-1.86	96.94	347.31	1.93	0	0	0
7819	2050	11	22	1800	-2.02	96.94	347.31	1.93	0	0	0
7820	2050	11	22	1900	-2.1	96.1	355.6	0.89	0	0	0
7821	2050	11	22	2000	-2.26	96.1	355.6	0.89	0	0	0
7822	2050	11	22	2100	-2.34	96.1	355.6	0.89	0	0	0
7823	2050	11	22	2200	-2.34	96.94	347.31	1.93	0	0	0
7824	2050	11	22	2300	-2.42	96.94	347.31	1.93	0	0	0
7825	2050	11	23	0	-2.42	96.94	347.31	1.93	0	0	0
7826	2050	11	23	100	-2.34	96.1	347.31	1.93	0	0	0
7827	2050	11	23	200	-2.34	96.1	347.31	1.93	0	0	0
7828	2050	11	23	300	-2.42	96.1	336.77	1.95	0	0	0
7829	2050	11	23	400	-2.42	96.1	326.34	1.97	0	0	0
7830	2050	11	23	500	-2.5	96.1	316.03	1.99	0	0	0
7831	2050	11	23	600	-2.5	95.27	316.03	1.99	0	0	0
7832	2050	11	23	700	-2.42	95.27	327.59	2.99	0	0	0
7833	2050	11	23	800	-2.42	94.43	327.59	2.99	0	0	0
7834	2050	11	23	900	-2.5	94.43	327.59	2.99	0	0	0
7835	2050	11	23	1000	-2.58	94.43	327.59	2.99	0	0	0
7836	2050	11	23	1100	-2.67	94.43	327.59	2.99	0	5.02	5
7837	2050	11	23	1200	-2.91	94.43	327.59	2.99	0	9.94	9.91
7838	2050	11	23	1300	-3.15	94.43	337.88	2.97	0	9.94	9.91
7839	2050	11	23	1400	-3.39	94.43	337.88	2.97	0	5.02	5
7840	2050	11	23	1500	-3.95	94.43	337.88	2.97	0	0	0
7841	2050	11	23	1600	-4.52	95.27	336.77	1.95	0	0	0
7842	2050	11	23	1700	-5.08	95.18	336.77	1.95	0	0	0
7843	2050	11	23	1800	-5.08	95.18	336.77	1.95	0	0	0
7844	2050	11	23	1900	-5.08	94.43	336.77	1.95	0	0	0
7845	2050	11	23	2000	-5.08	94.43	336.77	1.95	0	0	0
7846	2050	11	23	2100	-5.49	93.59	336.77	1.95	0	0	0
7847	2050	11	23	2200	-5.81	93.59	347.31	1.93	0	0	0
7848	2050	11	23	2300	-6.21	92.74	347.31	1.93	0	0	0
7849	2050	11	24	0	-5.49	93.59	347.31	1.93	0	0	0
7850	2050	11	24	100	-4.76	95.27	357.95	1.92	0	0	0
7851	2050	11	24	200	-4.04	96.1	357.95	1.92	0	0	0
7852	2050	11	24	300	-3.71	96.1	357.95	1.92	0	0	0
7853	2050	11	24	400	-3.47	96.1	8.66	1.91	0	0	0
7854	2050	11	24	500	-3.15	96.1	8.66	1.91	0	0	0
7855	2050	11	24	600	-3.23	96.1	30.22	1.9	0	0	0
7856	2050	11	24	700	-3.23	96.1	51.74	1.91	0	0	0
7857	2050	11	24	800	-3.31	96.1	73	1.94	0	0	0
7858	2050	11	24	900	-4.12	96.08	83.48	1.96	0	0	0
7859	2050	11	24	1000	-5	95.26	97.93	0.96	0	0	0
7860	2050	11	24	1100	-5.81	94.51	108.31	0.99	0	5.02	5
7861	2050	11	24	1200	-4.92	95.33	87.28	0.94	0	9.94	9.91
7862	2050	11	24	1300	-4.12	95.27	73	1.94	0	7.43	7.41
7863	2050	11	24	1400	-3.23	95.27	51.74	1.91	0	2.51	2.5
7864	2050	11	24	1500	-2.99	92.73	61.57	2.95	0	0	0
7865	2050	11	24	1600	-2.83	90.17	82.29	2.98	0	0	0
7866	2050	11	24	1700	-2.58	87.58	91.89	4.03	0	0	0
7867	2050	11	24	1800	-2.42	88.45	81.7	4.01	0	0	0
7868	2050	11	24	1900	-2.34	89.31	71.46	3.99	0	0	0
7869	2050	11	24	2000	-2.18	90.17	61.17	3.97	0	0	0

7870	2050	11	24	2100	-2.1	90.18	61.17	3.97	0	0	0
7871	2050	11	24	2200	-2.1	89.31	61.17	3.97	0	0	0
7872	2050	11	24	2300	-2.02	89.31	61.17	3.97	0	0	0
7873	2050	11	25	0	-2.26	89.31	50.84	3.96	0	0	0
7874	2050	11	25	100	-2.42	89.31	50.84	3.96	0	0	0
7875	2050	11	25	200	-2.67	89.31	40.48	3.95	0	0	0
7876	2050	11	25	300	-2.42	88.45	40.48	3.95	0	0	0
7877	2050	11	25	400	-2.18	87.58	50.67	4.98	0	0	0
7878	2050	11	25	500	-1.94	86.71	50.67	4.98	0	0	0
7879	2050	11	25	600	-2.18	86.71	40.48	3.95	0	0	0
7880	2050	11	25	700	-2.5	85.83	40.65	2.93	0	0	0
7881	2050	11	25	800	-2.75	85.83	30.22	1.9	0	0	0
7882	2050	11	25	900	-2.75	86.71	30.14	2.92	0	0	0
7883	2050	11	25	1000	-2.75	86.71	30.1	3.95	0	0	0
7884	2050	11	25	1100	-2.75	87.58	30.08	4.97	0	5.02	5
7885	2050	11	25	1200	-2.99	87.58	30.08	4.97	0	7.43	7.41
7886	2050	11	25	1300	-3.15	88.45	19.78	4.97	0	7.43	7.41
7887	2050	11	25	1400	-3.39	88.45	19.78	4.97	0	2.51	2.5
7888	2050	11	25	1500	-4.04	89.31	19.78	4.97	0	0	0
7889	2050	11	25	1600	-4.68	91.03	9.49	4.98	0	0	0
7890	2050	11	25	1700	-5.33	91.89	9.49	4.98	0	0	0
7891	2050	11	25	1800	-4.68	91.89	9.49	4.98	0	0	0
7892	2050	11	25	1900	-3.95	91.88	9.36	3.95	0	0	0
7893	2050	11	25	2000	-3.31	91.88	9.36	3.95	0	0	0
7894	2050	11	25	2100	-3.55	91.88	9.36	3.95	0	0	0
7895	2050	11	25	2200	-3.87	91.88	9.49	4.98	0	0	0
7896	2050	11	25	2300	-4.12	91.88	9.49	4.98	0	0	0
7897	2050	11	26	0	-3.63	91.88	9.49	4.98	0	0	0
7898	2050	11	26	100	-3.23	92.73	359.01	3.96	0	0	0
7899	2050	11	26	200	-2.75	92.74	359.01	3.96	0	0	0
7900	2050	11	26	300	-2.5	91.89	359.01	3.96	0	0	0
7901	2050	11	26	400	-2.18	91.89	359.21	4.99	0	0	0
7902	2050	11	26	500	-1.94	91.03	359.21	4.99	0	0	0
7903	2050	11	26	600	-2.1	91.03	359.21	4.99	0	0	0
7904	2050	11	26	700	-2.18	91.89	9.36	3.95	0	0	0
7905	2050	11	26	800	-2.34	91.89	9.36	3.95	0	0	0
7906	2050	11	26	900	-2.34	91.89	9.36	3.95	0	0	0
7907	2050	11	26	1000	-2.26	91.89	9.49	4.98	0	0	0
7908	2050	11	26	1100	-2.26	91.89	9.49	4.98	0	2.51	2.5
7909	2050	11	26	1200	-2.34	91.89	9.49	4.98	0	7.43	7.41
7910	2050	11	26	1300	-2.34	92.74	359.21	4.99	0	7.43	7.41
7911	2050	11	26	1400	-2.42	92.74	359.21	4.99	0	2.51	2.5
7912	2050	11	26	1500	-2.5	92.74	359.21	4.99	0	0	0
7913	2050	11	26	1600	-2.5	91.89	359.01	3.96	0	0	0
7914	2050	11	26	1700	-2.58	91.89	359.01	3.96	0	0	0
7915	2050	11	26	1800	-2.34	91.03	359.01	3.96	0	0	0
7916	2050	11	26	1900	-2.02	90.18	9.36	3.95	0	0	0
7917	2050	11	26	2000	-1.78	89.32	9.36	3.95	0	0	0
7918	2050	11	26	2100	-1.94	89.31	9.36	3.95	0	0	0
7919	2050	11	26	2200	-2.1	90.18	359.01	3.96	0	0	0
7920	2050	11	26	2300	-2.26	90.17	359.01	3.96	0	0	0
7921	2050	11	27	0	-2.99	91.03	337.88	2.97	0	0	0
7922	2050	11	27	100	-3.79	92.73	326.34	1.97	0	0	0
7923	2050	11	27	200	-4.52	93.58	301.61	1	0	0	0
7924	2050	11	27	300	-4.52	94.43	316.03	1.99	0	0	0
7925	2050	11	27	400	-4.6	94.43	336.77	1.95	0	0	0
7926	2050	11	27	500	-4.6	95.27	348.24	2.95	0	0	0
7927	2050	11	27	600	-4.2	95.27	348.24	2.95	0	0	0
7928	2050	11	27	700	-3.79	96.1	348.24	2.95	0	0	0
7929	2050	11	27	800	-3.39	96.1	348.24	2.95	0	0	0
7930	2050	11	27	900	-3.39	96.1	348.24	2.95	0	0	0
7931	2050	11	27	1000	-3.31	96.1	336.77	1.95	0	0	0
7932	2050	11	27	1100	-3.31	96.1	336.77	1.95	0	2.51	2.5
7933	2050	11	27	1200	-3.07	96.1	336.77	1.95	0	7.43	7.41

7934	2050	11	27	1300	-2.83	96.1	347.31	1.93	0	7.43	7.41
7935	2050	11	27	1400	-2.58	96.1	347.31	1.93	0	5.02	5
7936	2050	11	27	1500	-2.5	96.1	347.31	1.93	0	0	0
7937	2050	11	27	1600	-2.5	95.27	344.28	0.91	0	0	0
7938	2050	11	27	1700	-2.42	95.27	344.28	0.91	0	0	0
7939	2050	11	27	1800	-2.42	94.43	344.28	0.91	0	0	0
7940	2050	11	27	1900	-2.34	94.43	357.95	1.92	0	0	0
7941	2050	11	27	2000	-2.34	93.58	357.95	1.92	0	0	0
7942	2050	11	27	2100	-2.42	93.58	357.95	1.92	0	0	0
7943	2050	11	27	2200	-2.58	93.58	357.95	1.92	0	0	0
7944	2050	11	27	2300	-2.67	93.58	357.95	1.92	0	0	0
7945	2050	11	28	0	-3.95	93.58	347.31	1.93	0	0	0
7946	2050	11	28	100	-5.24	92.74	344.28	0.91	0	0	0
7947	2050	11	28	200	-6.53	92.75	333.2	0.93	0	0	0
7948	2050	11	28	300	-7.5	92.75	333.2	0.93	0	0	0
7949	2050	11	28	400	-8.39	92.18	322.39	0.95	0	0	0
7950	2050	11	28	500	-9.36	91.31	322.39	0.95	0	0	0
7951	2050	11	28	600	-8.47	92.1	333.2	0.93	0	0	0
7952	2050	11	28	700	-7.58	92.9	336.77	1.95	0	0	0
7953	2050	11	28	800	-6.7	93.7	347.31	1.93	0	0	0
7954	2050	11	28	900	-6.7	93.7	347.31	1.93	0	0	0
7955	2050	11	28	1000	-6.78	93.6	333.2	0.93	0	0	0
7956	2050	11	28	1100	-6.78	92.75	333.2	0.93	0	5.02	5
7957	2050	11	28	1200	-6.78	92.75	344.28	0.91	0	7.43	7.41
7958	2050	11	28	1300	-6.86	93.56	207.27	0.15	0	7.43	7.41
7959	2050	11	28	1400	-6.86	93.56	207.27	0.15	0	2.51	2.5
7960	2050	11	28	1500	-7.42	93.05	207.27	0.15	0	0	0
7961	2050	11	28	1600	-7.9	92.61	207.27	0.15	0	0	0
7962	2050	11	28	1700	-8.47	92.1	207.27	0.15	0	0	0
7963	2050	11	28	1800	-8.07	92.47	207.27	0.15	0	0	0
7964	2050	11	28	1900	-7.58	92.76	355.6	0.89	0	0	0
7965	2050	11	28	2000	-7.18	92.75	118.41	1.02	0	0	0
7966	2050	11	28	2100	-6.94	92.75	87.28	0.94	0	0	0
7967	2050	11	28	2200	-6.7	93.6	207.27	0.15	0	0	0
7968	2050	11	28	2300	-6.45	93.59	207.27	0.15	0	0	0
7969	2050	11	29	0	-6.21	93.59	207.27	0.15	0	0	0
7970	2050	11	29	100	-6.05	93.59	207.27	0.15	0	0	0
7971	2050	11	29	200	-5.81	93.59	207.27	0.15	0	0	0
7972	2050	11	29	300	-5.73	93.59	207.27	0.15	0	0	0
7973	2050	11	29	400	-5.57	93.59	65.15	0.9	0	0	0
7974	2050	11	29	500	-5.49	93.59	97.93	0.96	0	0	0
7975	2050	11	29	600	-4.92	92.74	93.85	1.98	0	0	0
7976	2050	11	29	700	-4.44	92.74	102.7	3.03	0	0	0
7977	2050	11	29	800	-3.87	91.88	102.02	4.05	0	0	0
7978	2050	11	29	900	-3.71	91.88	112.09	4.08	0	0	0
7979	2050	11	29	1000	-3.55	91.03	122.78	3.08	0	0	0
7980	2050	11	29	1100	-3.39	91.03	132.69	3.11	0	0	0
7981	2050	11	29	1200	-3.23	91.88	132.69	3.11	0	2.51	2.5
7982	2050	11	29	1300	-3.07	91.88	142.53	3.13	0	2.51	2.5
7983	2050	11	29	1400	-2.91	92.74	142.53	3.13	0	0	0
7984	2050	11	29	1500	-2.75	92.74	142.53	3.13	0	0	0
7985	2050	11	29	1600	-2.5	93.58	142.53	3.13	0	0	0
7986	2050	11	29	1700	-2.34	93.58	142.53	3.13	0	0	0
7987	2050	11	29	1800	-2.02	94.43	142.53	3.13	0	0	0
7988	2050	11	29	1900	-1.78	95.27	151.73	4.18	0	0	0
7989	2050	11	29	2000	-1.46	96.11	151.73	4.18	0	0	0
7990	2050	11	29	2100	-0.73	95.27	170.99	5.24	0	0	0
7991	2050	11	29	2200	-0.09	93.6	180.75	5.25	0	0	0
7992	2050	11	29	2300	0.64	92.18	200.17	6.29	0	0	0
7993	2050	11	30	0	0.24	92.54	209.93	6.29	0	0	0
7994	2050	11	30	100	-0.25	92.75	219.64	5.27	0	0	0
7995	2050	11	30	200	-0.65	92.75	229.37	5.26	0	0	0
7996	2050	11	30	300	-1.05	92.74	229.37	5.26	0	0	0
7997	2050	11	30	400	-1.54	92.74	229.22	4.23	0	0	0

7998	2050	11	30	500	-1.94	92.74	229.22	4.23	0	0	0
7999	2050	11	30	600	-2.99	93.58	238.55	3.2	0	0	0
8000	2050	11	30	700	-3.95	94.43	248.17	3.18	0	0	0
8001	2050	11	30	800	-5	95.26	256.81	2.14	0	0	0
8002	2050	11	30	900	-6.37	94	237.87	2.18	0	0	0
8003	2050	11	30	1000	-7.74	92.76	200.49	2.2	0	0	0
8004	2050	11	30	1100	-9.11	91.53	181.8	2.18	0	2.51	2.5
8005	2050	11	30	1200	-10.73	90.11	191.16	2.19	0	7.26	7.23
8006	2050	11	30	1300	-12.26	88.78	200.93	1.17	0	7.43	7.41
8007	2050	11	30	1400	-13.87	87.4	209.65	1.17	0	2.78	2.77
8008	2050	11	30	1500	-14.92	86.51	200.93	1.17	0	0	0
8009	2050	11	30	1600	-16.61	85.1	192.18	1.17	0	0	0
8010	2050	11	30	1700	-17.98	83.97	183.39	1.16	0	0	0
8011	2050	11	30	1800	-19.19	82.99	183.39	1.16	0	0	0
8012	2050	11	30	1900	-20.32	82.09	207.27	0.15	0	0	0
8013	2050	11	30	2000	-21.28	81.32	207.27	0.15	0	0	0
8014	2050	11	30	2100	-22.09	80.68	207.27	0.15	0	0	0
8015	2050	11	30	2200	-22.82	80.12	147.28	1.09	0	0	0
8016	2050	11	30	2300	-23.3	79.74	165.58	1.13	0	0	0
8017	2050	12	1	0	-24.66	78.69	316.95	1.01	0	0	0
8018	2050	12	1	100	-24.92	78.49	230.33	0.05	0	0	0
8019	2050	12	1	200	-25.09	78.36	230.33	0.05	0	0	0
8020	2050	12	1	300	-25.09	78.36	230.33	0.05	0	0	0
8021	2050	12	1	400	-25.01	78.43	347.28	0.98	0	0	0
8022	2050	12	1	500	-24.84	78.56	337.08	0.99	0	0	0
8023	2050	12	1	600	-24.58	78.76	347.28	0.98	0	0	0
8024	2050	12	1	700	-24.32	78.95	7.94	0.97	0	0	0
8025	2050	12	1	800	-23.98	79.22	18.38	0.96	0	0	0
8026	2050	12	1	900	-23.89	79.28	49.98	0.96	0	0	0
8027	2050	12	1	1000	-23.72	79.41	112.7	0.98	0	0	0
8028	2050	12	1	1100	-23.64	79.48	143.05	1.01	0	4.33	4.33
8029	2050	12	1	1200	-23.38	79.68	143.05	1.01	0	8.49	8.48
8030	2050	12	1	1300	-23.21	79.81	143.05	1.01	0	5.16	5.16
8031	2050	12	1	1400	-22.95	80.01	143.05	1.01	0	1.57	1.57
8032	2050	12	1	1500	-23.38	79.68	143.05	1.01	0	0	0
8033	2050	12	1	1600	-23.89	79.28	143.05	1.01	0	0	0
8034	2050	12	1	1700	-24.32	78.95	143.05	1.01	0	0	0
8035	2050	12	1	1800	-24.41	78.89	143.05	1.01	0	0	0
8036	2050	12	1	1900	-24.41	78.89	141.53	2.02	0	0	0
8037	2050	12	1	2000	-24.49	78.82	141.53	2.02	0	0	0
8038	2050	12	1	2100	-24.32	78.95	151.5	2.03	0	0	0
8039	2050	12	1	2200	-24.24	79.02	162.82	1.03	0	0	0
8040	2050	12	1	2300	-24.07	79.15	172.58	1.04	0	0	0
8041	2050	12	2	0	-24.07	79.15	162.82	1.03	0	0	0
8042	2050	12	2	100	-24.15	79.08	162.82	1.03	0	0	0
8043	2050	12	2	200	-24.15	79.08	152.98	1.02	0	0	0
8044	2050	12	2	300	-24.07	79.15	152.98	1.02	0	0	0
8045	2050	12	2	400	-23.98	79.22	141.53	2.02	0	0	0
8046	2050	12	2	500	-23.89	79.28	141.53	2.02	0	0	0
8047	2050	12	2	600	-23.55	79.55	141.53	2.02	0	0	0
8048	2050	12	2	700	-23.21	79.81	151.5	2.03	0	0	0
8049	2050	12	2	800	-22.87	80.08	151.5	2.03	0	0	0
8050	2050	12	2	900	-21.84	80.88	151.5	2.03	0	0	0
8051	2050	12	2	1000	-20.73	81.76	151.5	2.03	0	0	0
8052	2050	12	2	1100	-19.71	82.58	151.5	2.03	0	4.89	4.89
8053	2050	12	2	1200	-20.47	81.96	151.5	2.03	0	9.78	9.77
8054	2050	12	2	1300	-21.24	81.35	162.82	1.03	0	10.24	10.24
8055	2050	12	2	1400	-22.01	80.74	162.82	1.03	0	3.32	3.32
8056	2050	12	2	1500	-22.18	80.61	162.82	1.03	0	0.28	0.28
8057	2050	12	2	1600	-22.27	80.54	162.82	1.03	0	0	0
8058	2050	12	2	1700	-22.44	80.41	162.82	1.03	0	0	0
8059	2050	12	2	1800	-21.93	80.81	152.98	1.02	0	0	0
8060	2050	12	2	1900	-21.42	81.22	152.98	1.02	0	0	0
8061	2050	12	2	2000	-20.9	81.62	143.05	1.01	0	0	0

8062	2050	12	2	2100	-19.53	82.71	152.98	1.02	0	0	0
8063	2050	12	2	2200	-18.25	83.75	152.98	1.02	0	0	0
8064	2050	12	2	2300	-16.88	84.69	162.82	1.03	0	0	0
8065	2050	12	3	0	-16.37	85.3	162.82	1.03	0	0	0
8066	2050	12	3	100	-15.77	85.6	161.42	2.04	0	0	0
8067	2050	12	3	200	-15.26	86.22	161.42	2.04	0	0	0
8068	2050	12	3	300	-15.26	86.22	161.42	2.04	0	0	0
8069	2050	12	3	400	-15.17	86.29	170.88	3.06	0	0	0
8070	2050	12	3	500	-15.17	86.29	170.88	3.06	0	0	0
8071	2050	12	3	600	-16.2	85.44	180.77	3.06	0	0	0
8072	2050	12	3	700	-17.23	84.59	190.97	2.06	0	0	0
8073	2050	12	3	800	-18.25	83.75	200.75	2.07	0	0	0
8074	2050	12	3	900	-18.34	83.68	190.97	2.06	0	0	0
8075	2050	12	3	1000	-18.51	83.54	181.15	2.05	0	0	0
8076	2050	12	3	1100	-18.59	83.47	171.31	2.05	0	5.9	5.9
8077	2050	12	3	1200	-17.82	84.1	171.31	2.05	0	19.74	19.73
8078	2050	12	3	1300	-16.97	84.8	162.82	1.03	0	20.48	20.47
8079	2050	12	3	1400	-16.2	85.44	162.82	1.03	0	5.63	5.63
8080	2050	12	3	1500	-15.94	85.59	162.82	1.03	0	0.28	0.28
8081	2050	12	3	1600	-15.6	85.94	152.98	1.02	0	0	0
8082	2050	12	3	1700	-15.34	86.15	152.98	1.02	0	0	0
8083	2050	12	3	1800	-15.09	86.37	152.98	1.02	0	0	0
8084	2050	12	3	1900	-14.92	86.49	162.82	1.03	0	0	0
8085	2050	12	3	2000	-14.66	86.5	162.82	1.03	0	0	0
8086	2050	12	3	2100	-14.58	86.51	162.82	1.03	0	0	0
8087	2050	12	3	2200	-14.4	86.52	171.31	2.05	0	0	0
8088	2050	12	3	2300	-14.32	86.52	171.31	2.05	0	0	0
8089	2050	12	4	0	-13.81	86.54	171.31	2.05	0	0	0
8090	2050	12	4	100	-13.29	87.42	161.42	2.04	0	0	0
8091	2050	12	4	200	-12.78	87.45	161.42	2.04	0	0	0
8092	2050	12	4	300	-12.35	87.47	161.42	2.04	0	0	0
8093	2050	12	4	400	-12.01	88.33	172.58	1.04	0	0	0
8094	2050	12	4	500	-11.58	88.36	172.58	1.04	0	0	0
8095	2050	12	4	600	-11.16	89.22	172.58	1.04	0	0	0
8096	2050	12	4	700	-10.73	89.25	162.82	1.03	0	0	0
8097	2050	12	4	800	-10.3	90.11	162.82	1.03	0	0	0
8098	2050	12	4	900	-10.13	90.12	133.03	1	0	0	0
8099	2050	12	4	1000	-9.87	90.14	49.98	0.96	0	0	0
8100	2050	12	4	1100	-9.7	90.15	18.38	0.96	0	0	0
8101	2050	12	4	1200	-9.79	90.14	18.38	0.96	0	2.31	2.31
8102	2050	12	4	1300	-9.87	89.3	7.94	0.97	0	2.58	2.58
8103	2050	12	4	1400	-9.96	89.29	7.94	0.97	0	0.28	0.28
8104	2050	12	4	1500	-10.39	88.42	357.57	0.98	0	0	0
8105	2050	12	4	1600	-10.9	87.55	347.28	0.98	0	0	0
8106	2050	12	4	1700	-11.33	86.67	337.08	0.99	0	0	0
8107	2050	12	4	1800	-12.35	86.62	337.08	0.99	0	0	0
8108	2050	12	4	1900	-13.46	86.56	328.49	2.01	0	0	0
8109	2050	12	4	2000	-14.49	86.51	328.49	2.01	0	0	0
8110	2050	12	4	2100	-15.77	85.6	328.49	2.01	0	0	0
8111	2050	12	4	2200	-17.05	83.83	318.47	2.02	0	0	0
8112	2050	12	4	2300	-18.34	82.91	318.47	2.02	0	0	0
8113	2050	12	5	0	-18.68	83.4	318.47	2.02	0	0	0
8114	2050	12	5	100	-19.11	83.06	316.95	1.01	0	0	0
8115	2050	12	5	200	-19.45	82.78	316.95	1.01	0	0	0
8116	2050	12	5	300	-20.05	82.3	326.97	1	0	0	0
8117	2050	12	5	400	-20.56	81.89	230.33	0.05	0	0	0
8118	2050	12	5	500	-21.16	81.42	230.33	0.05	0	0	0
8119	2050	12	5	600	-21.07	81.49	230.33	0.05	0	0	0
8120	2050	12	5	700	-21.07	81.49	307.03	1.02	0	0	0
8121	2050	12	5	800	-20.99	81.55	287.44	1.04	0	0	0
8122	2050	12	5	900	-18.34	83.68	269.05	2.06	0	0	0
8123	2050	12	5	1000	-15.69	85.87	161.42	2.04	0	0	0
8124	2050	12	5	1100	-13.04	88.11	141.02	3.03	0	0	0
8125	2050	12	5	1200	-12.01	88.99	141.02	3.03	0	3.32	3.32

8126	2050	12	5	1300	-10.98	89.88	151	3.04	0	3.32	3.32
8127	2050	12	5	1400	-9.96	90.13	151	3.04	0	0.28	0.28
8128	2050	12	5	1500	-8.59	91.05	151	3.04	0	0	0
8129	2050	12	5	1600	-7.22	92.8	141.02	3.03	0	0	0
8130	2050	12	5	1700	-5.85	93.72	141.02	3.03	0	0	0
8131	2050	12	5	1800	-4.66	94.62	141.02	3.03	0	0	0
8132	2050	12	5	1900	-3.55	95.53	151	3.04	0	0	0
8133	2050	12	5	2000	-2.35	96.44	151	3.04	0	0	0
8134	2050	12	5	2100	-1.75	96.48	160.72	4.06	0	0	0
8135	2050	12	5	2200	-1.15	95.72	160.72	4.06	0	0	0
8136	2050	12	5	2300	-0.55	95.77	170.53	5.07	0	0	0
8137	2050	12	6	0	-1.07	95.73	160.72	4.06	0	0	0
8138	2050	12	6	100	-1.49	95.69	150.75	4.05	0	0	0
8139	2050	12	6	200	-2.01	95.65	141.02	3.03	0	0	0
8140	2050	12	6	300	-2.35	95.62	141.02	3.03	0	0	0
8141	2050	12	6	400	-2.69	94.77	131	3.02	0	0	0
8142	2050	12	6	500	-3.03	94.75	131	3.02	0	0	0
8143	2050	12	6	600	-2.95	94.75	120.96	3.01	0	0	0
8144	2050	12	6	700	-2.95	95.57	111.33	1.99	0	0	0
8145	2050	12	6	800	-2.86	95.58	101.18	1.98	0	0	0
8146	2050	12	6	900	-2.78	95.59	90.99	1.98	0	0	0
8147	2050	12	6	1000	-2.78	95.59	70.53	1.97	0	0	0
8148	2050	12	6	1100	-2.69	95.59	60.26	1.97	0	1.29	1.29
8149	2050	12	6	1200	-2.78	95.59	39.72	1.97	0	7.19	7.19
8150	2050	12	6	1300	-2.78	95.59	9.33	2.99	0	9.96	9.96
8151	2050	12	6	1400	-2.86	95.58	349.11	3	0	2.03	2.03
8152	2050	12	6	1500	-3.8	94.69	349.11	3	0	0	0
8153	2050	12	6	1600	-4.83	92.96	338.55	2	0	0	0
8154	2050	12	6	1700	-5.77	92.07	338.55	2	0	0	0
8155	2050	12	6	1800	-7.31	90.29	328.49	2.01	0	0	0
8156	2050	12	6	1900	-8.85	89.36	328.49	2.01	0	0	0
8157	2050	12	6	2000	-10.39	87.58	318.47	2.02	0	0	0
8158	2050	12	6	2100	-12.44	86.61	326.97	1	0	0	0
8159	2050	12	6	2200	-14.4	84.8	347.28	0.98	0	0	0
8160	2050	12	6	2300	-16.46	83.85	230.33	0.05	0	0	0
8161	2050	12	7	0	-16.71	84.7	230.33	0.05	0	0	0
8162	2050	12	7	100	-16.88	84.87	28.88	0.96	0	0	0
8163	2050	12	7	200	-17.14	84.66	49.98	0.96	0	0	0
8164	2050	12	7	300	-17.82	84.1	71.08	0.96	0	0	0
8165	2050	12	7	400	-18.59	83.47	81.58	0.96	0	0	0
8166	2050	12	7	500	-19.28	82.92	102.41	0.98	0	0	0
8167	2050	12	7	600	-18.94	83.2	122.91	0.99	0	0	0
8168	2050	12	7	700	-18.68	83.4	143.05	1.01	0	0	0
8169	2050	12	7	800	-18.34	83.68	162.82	1.03	0	0	0
8170	2050	12	7	900	-16.2	85.44	152.98	1.02	0	0	0
8171	2050	12	7	1000	-14.06	87.23	151.5	2.03	0	0	0
8172	2050	12	7	1100	-11.92	89.06	141.53	2.02	0	0	0
8173	2050	12	7	1200	-9.36	91	151	3.04	0	4.06	4.06
8174	2050	12	7	1300	-6.88	93.54	160.95	3.05	0	4.61	4.61
8175	2050	12	7	1400	-4.32	95.47	170.66	4.07	0	0.55	0.55
8176	2050	12	7	1500	-4.06	95.49	170.53	5.07	0	0	0
8177	2050	12	7	1600	-3.72	95.51	180.39	6.09	0	0	0
8178	2050	12	7	1700	-3.46	95.53	180.33	7.1	0	0	0
8179	2050	12	7	1800	-3.46	95.53	180.33	7.1	0	0	0
8180	2050	12	7	1900	-3.37	95.54	180.33	7.1	0	0	0
8181	2050	12	7	2000	-3.37	95.54	180.33	7.1	0	0	0
8182	2050	12	7	2100	-2.86	94.76	180.33	7.1	0	0	0
8183	2050	12	7	2200	-2.43	93.97	190.33	6.1	0	0	0
8184	2050	12	7	2300	-1.92	93.18	190.33	6.1	0	0	0
8185	2050	12	8	0	-1.32	94.06	190.39	5.09	0	0	0
8186	2050	12	8	100	-0.81	94.93	180.47	5.08	0	0	0
8187	2050	12	8	200	-0.21	95.8	180.58	4.07	0	0	0
8188	2050	12	8	300	0.3	96.38	180.58	4.07	0	0	0
8189	2050	12	8	400	0.81	97.55	180.58	4.07	0	0	0

8190	2050	12	8	500	1.33	97.91	180.58	4.07	0	0	0
8191	2050	12	8	600	1.76	98.33	190.49	4.08	0	0	0
8192	2050	12	8	700	2.1	98.82	200.38	4.08	0	0	0
8193	2050	12	8	800	2.52	99.23	210.26	4.09	0	0	0
8194	2050	12	8	900	2.61	99.23	210.26	4.09	0	0	0
8195	2050	12	8	1000	2.7	99.23	200.51	3.08	0	0	0
8196	2050	12	8	1100	2.78	99.23	200.51	3.08	0	0	0
8197	2050	12	8	1200	2.87	99.23	200.51	3.08	0	1.57	1.57
8198	2050	12	8	1300	2.87	99.23	210.35	3.08	0	2.03	2.03
8199	2050	12	8	1400	2.95	99.23	210.35	3.08	0	0.28	0.28
8200	2050	12	8	1500	2.87	99.23	200.51	3.08	0	0	0
8201	2050	12	8	1600	2.87	99.23	190.65	3.07	0	0	0
8202	2050	12	8	1700	2.78	99.23	180.77	3.06	0	0	0
8203	2050	12	8	1800	2.87	99.23	180.77	3.06	0	0	0
8204	2050	12	8	1900	2.87	99.23	190.49	4.08	0	0	0
8205	2050	12	8	2000	2.95	99.23	190.49	4.08	0	0	0
8206	2050	12	8	2100	2.95	99.23	190.49	4.08	0	0	0
8207	2050	12	8	2200	2.95	99.23	180.58	4.07	0	0	0
8208	2050	12	8	2300	2.95	99.23	180.58	4.07	0	0	0
8209	2050	12	9	0	3.04	99.23	180.58	4.07	0	0	0
8210	2050	12	9	100	3.21	98.45	180.58	4.07	0	0	0
8211	2050	12	9	200	3.29	98.45	180.58	4.07	0	0	0
8212	2050	12	9	300	3.47	97.67	190.49	4.08	0	0	0
8213	2050	12	9	400	3.64	97.67	190.39	5.09	0	0	0
8214	2050	12	9	500	3.81	96.89	200.31	5.09	0	0	0
8215	2050	12	9	600	3.81	96.89	200.31	5.09	0	0	0
8216	2050	12	9	700	3.72	96.89	200.31	5.09	0	0	0
8217	2050	12	9	800	3.72	96.89	200.31	5.09	0	0	0
8218	2050	12	9	900	3.72	96.1	200.31	5.09	0	0	0
8219	2050	12	9	1000	3.81	95.31	200.31	5.09	0	0	0
8220	2050	12	9	1100	3.81	94.51	200.31	5.09	0	0	0
8221	2050	12	9	1200	3.64	94.51	200.31	5.09	0	0	0
8222	2050	12	9	1300	3.38	93.72	210.18	6.11	0	1.29	1.29
8223	2050	12	9	1400	3.21	93.72	210.18	6.11	0	0.28	0.28
8224	2050	12	9	1500	3.21	94.51	210.18	6.11	0	0	0
8225	2050	12	9	1600	3.21	94.51	210.15	7.12	0	0	0
8226	2050	12	9	1700	3.21	95.31	210.15	7.12	0	0	0
8227	2050	12	9	1800	3.04	96.1	210.18	6.11	0	0	0
8228	2050	12	9	1900	2.95	96.1	210.21	5.1	0	0	0
8229	2050	12	9	2000	2.78	96.89	210.26	4.09	0	0	0
8230	2050	12	9	2100	2.78	96.89	210.26	4.09	0	0	0
8231	2050	12	9	2200	2.78	97.67	200.51	3.08	0	0	0
8232	2050	12	9	2300	2.78	97.67	200.51	3.08	0	0	0
8233	2050	12	10	0	2.78	97.67	200.75	2.07	0	0	0
8234	2050	12	10	100	2.7	96.89	210.52	2.07	0	0	0
8235	2050	12	10	200	2.7	96.89	211.01	1.06	0	0	0
8236	2050	12	10	300	2.7	97.67	182.27	1.04	0	0	0
8237	2050	12	10	400	2.61	97.67	133.03	1	0	0	0
8238	2050	12	10	500	2.61	98.45	102.41	0.98	0	0	0
8239	2050	12	10	600	2.61	98.45	102.41	0.98	0	0	0
8240	2050	12	10	700	2.7	98.45	90.99	1.98	0	0	0
8241	2050	12	10	800	2.7	98.45	90.99	1.98	0	0	0
8242	2050	12	10	900	2.7	98.45	90.99	1.98	0	0	0
8243	2050	12	10	1000	2.78	98.45	101.18	1.98	0	0	0
8244	2050	12	10	1100	2.78	98.45	101.18	1.98	0	0	0
8245	2050	12	10	1200	2.78	98.45	101.18	1.98	0	2.31	2.31
8246	2050	12	10	1300	2.78	98.45	101.18	1.98	0	4.89	4.89
8247	2050	12	10	1400	2.78	98.45	101.18	1.98	0	0.55	0.55
8248	2050	12	10	1500	2.78	98.45	101.18	1.98	0	0	0
8249	2050	12	10	1600	2.87	98.45	100.78	2.99	0	0	0
8250	2050	12	10	1700	2.87	98.45	100.78	2.99	0	0	0
8251	2050	12	10	1800	2.87	98.45	100.78	2.99	0	0	0
8252	2050	12	10	1900	2.95	97.67	101.18	1.98	0	0	0
8253	2050	12	10	2000	2.95	97.67	101.18	1.98	0	0	0

8254	2050	12	10	2100	3.04	96.89	100.78	2.99	0	0	0
8255	2050	12	10	2200	3.04	96.1	110.89	3	0	0	0
8256	2050	12	10	2300	3.12	95.31	110.66	4.01	0	0	0
8257	2050	12	11	0	2.61	93.72	110.53	5.02	0	0	0
8258	2050	12	11	100	2.18	91.57	110.53	5.02	0	0	0
8259	2050	12	11	200	1.67	90.34	110.44	6.03	0	0	0
8260	2050	12	11	300	1.33	90.61	110.53	5.02	0	0	0
8261	2050	12	11	400	0.99	91.71	110.53	5.02	0	0	0
8262	2050	12	11	500	0.64	91.99	110.66	4.01	0	0	0
8263	2050	12	11	600	0.64	92.81	110.66	4.01	0	0	0
8264	2050	12	11	700	0.64	92.81	110.66	4.01	0	0	0
8265	2050	12	11	800	0.64	93.64	110.66	4.01	0	0	0
8266	2050	12	11	900	0.64	92.81	110.66	4.01	0	0	0
8267	2050	12	11	1000	0.64	91.99	120.72	4.02	0	0	0
8268	2050	12	11	1100	0.64	91.16	120.72	4.02	0	0	0
8269	2050	12	11	1200	0.64	90.32	120.72	4.02	0	2.86	2.86
8270	2050	12	11	1300	0.73	90.25	120.72	4.02	0	2.58	2.58
8271	2050	12	11	1400	0.73	89.41	120.72	4.02	0	0.28	0.28
8272	2050	12	11	1500	0.47	89.62	120.72	4.02	0	0	0
8273	2050	12	11	1600	0.13	89.89	110.89	3	0	0	0
8274	2050	12	11	1700	-0.13	89.98	110.89	3	0	0	0
8275	2050	12	11	1800	-0.21	89.97	110.89	3	0	0	0
8276	2050	12	11	1900	-0.3	90.81	111.33	1.99	0	0	0
8277	2050	12	11	2000	-0.38	90.8	111.33	1.99	0	0	0
8278	2050	12	11	2100	-0.47	90.79	111.33	1.99	0	0	0
8279	2050	12	11	2200	-0.55	90.79	110.89	3	0	0	0
8280	2050	12	11	2300	-0.64	90.78	110.89	3	0	0	0
8281	2050	12	12	0	-0.72	91.61	110.89	3	0	0	0
8282	2050	12	12	100	-0.81	91.61	110.89	3	0	0	0
8283	2050	12	12	200	-0.9	92.44	110.89	3	0	0	0
8284	2050	12	12	300	-0.98	91.59	110.89	3	0	0	0
8285	2050	12	12	400	-1.07	91.59	120.72	4.02	0	0	0
8286	2050	12	12	500	-1.15	90.74	120.72	4.02	0	0	0
8287	2050	12	12	600	-1.15	90.74	120.72	4.02	0	0	0
8288	2050	12	12	700	-1.15	89.9	130.75	4.03	0	0	0
8289	2050	12	12	800	-1.15	89.9	130.75	4.03	0	0	0
8290	2050	12	12	900	-1.32	91.56	130.75	4.03	0	0	0
8291	2050	12	12	1000	-1.58	92.38	120.72	4.02	0	0	0
8292	2050	12	12	1100	-1.75	94.03	120.72	4.02	0	0	0
8293	2050	12	12	1200	-1.92	91.52	120.72	4.02	0	1.57	1.57
8294	2050	12	12	1300	-2.09	88.97	131	3.02	0	2.31	2.31
8295	2050	12	12	1400	-2.26	86.4	131	3.02	0	0.28	0.28
8296	2050	12	12	1500	-2.35	87.25	131	3.02	0	0	0
8297	2050	12	12	1600	-2.35	88.1	131	3.02	0	0	0
8298	2050	12	12	1700	-2.43	88.95	131	3.02	0	0	0
8299	2050	12	12	1800	-2.43	89.8	131	3.02	0	0	0
8300	2050	12	12	1900	-2.35	89.8	141.02	3.03	0	0	0
8301	2050	12	12	2000	-2.35	90.64	141.02	3.03	0	0	0
8302	2050	12	12	2100	-2.35	90.64	141.02	3.03	0	0	0
8303	2050	12	12	2200	-2.35	90.64	141.02	3.03	0	0	0
8304	2050	12	12	2300	-2.35	90.64	141.02	3.03	0	0	0
8305	2050	12	13	0	-2.52	90.63	141.02	3.03	0	0	0
8306	2050	12	13	100	-2.61	90.63	131	3.02	0	0	0
8307	2050	12	13	200	-2.78	90.61	131	3.02	0	0	0
8308	2050	12	13	300	-2.86	88.07	131	3.02	0	0	0
8309	2050	12	13	400	-3.03	85.48	141.02	3.03	0	0	0
8310	2050	12	13	500	-3.12	82.86	141.02	3.03	0	0	0
8311	2050	12	13	600	-3.37	81.07	131	3.02	0	0	0
8312	2050	12	13	700	-3.55	80.17	130.75	4.03	0	0	0
8313	2050	12	13	800	-3.8	78.37	120.72	4.02	0	0	0
8314	2050	12	13	900	-4.14	78.35	120.72	4.02	0	0	0
8315	2050	12	13	1000	-4.4	77.43	120.72	4.02	0	0	0
8316	2050	12	13	1100	-4.74	77.41	120.72	4.02	0	0	0
8317	2050	12	13	1200	-4.83	78.3	120.72	4.02	0	2.86	2.86

8318	2050	12	13	1300	-5	79.19	120.96	3.01	0	2.86	2.86
8319	2050	12	13	1400	-5.08	80.07	120.96	3.01	0	0.28	0.28
8320	2050	12	13	1500	-5.26	79.17	120.96	3.01	0	0	0
8321	2050	12	13	1600	-5.34	77.37	120.96	3.01	0	0	0
8322	2050	12	13	1700	-5.51	76.45	120.96	3.01	0	0	0
8323	2050	12	13	1800	-5.77	74.62	131	3.02	0	0	0
8324	2050	12	13	1900	-5.94	71.84	130.75	4.03	0	0	0
8325	2050	12	13	2000	-6.2	69.96	140.76	4.04	0	0	0
8326	2050	12	13	2100	-6.54	73.65	130.75	4.03	0	0	0
8327	2050	12	13	2200	-6.88	78.18	131	3.02	0	0	0
8328	2050	12	13	2300	-7.22	81.71	120.96	3.01	0	0	0
8329	2050	12	14	0	-7.91	83.42	131	3.02	0	0	0
8330	2050	12	14	100	-8.59	84.25	131	3.02	0	0	0
8331	2050	12	14	200	-9.27	85.93	141.02	3.03	0	0	0
8332	2050	12	14	300	-8.93	86.81	141.02	3.03	0	0	0
8333	2050	12	14	400	-8.68	86.82	141.53	2.02	0	0	0
8334	2050	12	14	500	-8.33	87.7	141.53	2.02	0	0	0
8335	2050	12	14	600	-8.25	87.7	141.53	2.02	0	0	0
8336	2050	12	14	700	-8.16	87.71	151.5	2.03	0	0	0
8337	2050	12	14	800	-8.08	87.71	151.5	2.03	0	0	0
8338	2050	12	14	900	-8.16	87.71	151.5	2.03	0	0	0
8339	2050	12	14	1000	-8.16	86.85	161.42	2.04	0	0	0
8340	2050	12	14	1100	-8.25	86.85	161.42	2.04	0	0	0
8341	2050	12	14	1200	-8.85	86.81	161.42	2.04	0	2.58	2.58
8342	2050	12	14	1300	-9.53	87.62	151.5	2.03	0	3.04	3.04
8343	2050	12	14	1400	-10.13	87.59	151.5	2.03	0	0.55	0.55
8344	2050	12	14	1500	-10.81	87.55	151.5	2.03	0	0	0
8345	2050	12	14	1600	-11.5	88.36	161.42	2.04	0	0	0
8346	2050	12	14	1700	-12.18	88.32	161.42	2.04	0	0	0
8347	2050	12	14	1800	-11.16	88.38	161.42	2.04	0	0	0
8348	2050	12	14	1900	-10.13	87.59	170.88	3.06	0	0	0
8349	2050	12	14	2000	-9.1	87.65	170.88	3.06	0	0	0
8350	2050	12	14	2100	-8.76	88.52	170.88	3.06	0	0	0
8351	2050	12	14	2200	-8.42	90.22	180.58	4.07	0	0	0
8352	2050	12	14	2300	-8.08	91.08	180.58	4.07	0	0	0
8353	2050	12	15	0	-7.82	91.1	180.58	4.07	0	0	0
8354	2050	12	15	100	-7.48	91.95	180.77	3.06	0	0	0
8355	2050	12	15	200	-7.22	91.97	180.77	3.06	0	0	0
8356	2050	12	15	300	-6.88	91.99	180.58	4.07	0	0	0
8357	2050	12	15	400	-6.54	92.84	190.49	4.08	0	0	0
8358	2050	12	15	500	-6.2	92.87	190.39	5.09	0	0	0
8359	2050	12	15	600	-5.85	93.72	190.39	5.09	0	0	0
8360	2050	12	15	700	-5.51	94.56	190.33	6.1	0	0	0
8361	2050	12	15	800	-5.17	95.1	190.33	6.1	0	0	0
8362	2050	12	15	900	-4.57	95.45	190.33	6.1	0	0	0
8363	2050	12	15	1000	-3.97	95.49	190.39	5.09	0	0	0
8364	2050	12	15	1100	-3.37	95.54	190.39	5.09	0	0	0
8365	2050	12	15	1200	-2.78	94.77	190.39	5.09	0	0	0
8366	2050	12	15	1300	-2.09	94.82	200.25	6.1	0	2.58	2.58
8367	2050	12	15	1400	-1.49	94.05	200.25	6.1	0	0.28	0.28
8368	2050	12	15	1500	-1.32	94.88	190.39	5.09	0	0	0
8369	2050	12	15	1600	-1.15	94.9	180.77	3.06	0	0	0
8370	2050	12	15	1700	-0.98	95.73	171.31	2.05	0	0	0
8371	2050	12	15	1800	-0.3	96.61	190.97	2.06	0	0	0
8372	2050	12	15	1900	0.39	97.11	210.35	3.08	0	0	0
8373	2050	12	15	2000	1.07	97.33	230.01	3.08	0	0	0
8374	2050	12	15	2100	1.07	97.33	230.01	3.08	0	0	0
8375	2050	12	15	2200	1.07	98.13	239.75	2.07	0	0	0
8376	2050	12	15	2300	1.07	98.13	239.75	2.07	0	0	0
8377	2050	12	16	0	0.99	98.2	239.75	2.07	0	0	0
8378	2050	12	16	100	0.9	99.07	239.75	2.07	0	0	0
8379	2050	12	16	200	0.81	99.15	239.75	2.07	0	0	0
8380	2050	12	16	300	0.64	99.3	230.01	2.07	0	0	0
8381	2050	12	16	400	0.47	98.65	210.52	2.07	0	0	0

8382	2050	12	16	500	0.3	98.8	200.75	2.07	0	0	0
8383	2050	12	16	600	0.13	98.95	190.97	2.06	0	0	0
8384	2050	12	16	700	0.05	99.02	190.65	3.07	0	0	0
8385	2050	12	16	800	-0.13	99.05	180.77	3.06	0	0	0
8386	2050	12	16	900	0.73	98.43	200.51	3.08	0	0	0
8387	2050	12	16	1000	1.5	97.76	220.18	3.08	0	0	0
8388	2050	12	16	1100	2.35	97.03	239.83	3.08	0	0	0
8389	2050	12	16	1200	3.04	93.72	239.83	3.08	0	0	0
8390	2050	12	16	1300	3.72	89.67	249.66	3.08	0	0	0
8391	2050	12	16	1400	4.41	86.36	249.66	3.08	0	0	0
8392	2050	12	16	1500	4.75	85.52	249.75	4.09	0	0	0
8393	2050	12	16	1600	5	84.68	249.75	4.09	0	0	0
8394	2050	12	16	1700	5.35	83.84	249.8	5.1	0	0	0
8395	2050	12	16	1800	5.35	83.84	249.8	5.1	0	0	0
8396	2050	12	16	1900	5.35	82.99	249.83	6.11	0	0	0
8397	2050	12	16	2000	5.35	82.99	249.83	6.11	0	0	0
8398	2050	12	16	2100	6.12	77.8	259.75	6.1	0	0	0
8399	2050	12	16	2200	6.89	71.56	259.79	7.11	0	0	0
8400	2050	12	16	2300	7.65	66.03	269.72	7.11	0	0	0
8401	2050	12	17	0	7.31	66.97	259.79	7.11	0	0	0
8402	2050	12	17	100	6.97	68.82	259.79	7.11	0	0	0
8403	2050	12	17	200	6.63	69.74	249.85	7.12	0	0	0
8404	2050	12	17	300	6.46	69.74	249.83	6.11	0	0	0
8405	2050	12	17	400	6.37	70.65	249.83	6.11	0	0	0
8406	2050	12	17	500	6.2	70.65	249.8	5.1	0	0	0
8407	2050	12	17	600	6.2	68.82	259.7	5.09	0	0	0
8408	2050	12	17	700	6.12	66.97	269.52	4.08	0	0	0
8409	2050	12	17	800	6.12	65.1	279.42	4.07	0	0	0
8410	2050	12	17	900	6.2	63.21	279.54	5.08	0	0	0
8411	2050	12	17	1000	6.37	62.25	289.48	5.08	0	0	0
8412	2050	12	17	1100	6.46	60.34	289.56	6.08	0	0	0
8413	2050	12	17	1200	6.2	60.34	299.43	5.07	2.03	2.03	2.03
8414	2050	12	17	1300	5.94	61.3	319.39	5.05	0	2.31	2.31
8415	2050	12	17	1400	5.69	61.3	329.25	4.03	0	0.28	0.28
8416	2050	12	17	1500	4.75	62.25	319.24	4.04	0	0	0
8417	2050	12	17	1600	3.72	62.25	299.29	4.06	0	0	0
8418	2050	12	17	1700	2.78	63.21	289.35	4.07	0	0	0
8419	2050	12	17	1800	2.7	63.21	289.48	5.08	0	0	0
8420	2050	12	17	1900	2.7	62.25	299.43	5.07	0	0	0
8421	2050	12	17	2000	2.61	62.25	299.52	6.08	0	0	0
8422	2050	12	17	2100	2.1	69.07	319.49	6.06	0	0	0
8423	2050	12	17	2200	1.67	74.82	329.5	6.05	0	0	0
8424	2050	12	17	2300	1.16	81.38	349.56	6.03	0	0	0
8425	2050	12	18	0	0.56	75.54	349.47	5.02	0	0	0
8426	2050	12	18	100	-0.04	70.34	349.33	4.01	0	0	0
8427	2050	12	18	200	-0.64	63.59	349.11	3	0	0	0
8428	2050	12	18	300	-1.58	66.44	339.04	3.01	0	0	0
8429	2050	12	18	400	-2.43	70.18	328.49	2.01	0	0	0
8430	2050	12	18	500	-3.37	72.92	318.47	2.02	0	0	0
8431	2050	12	18	600	-3.8	75.65	308.51	2.03	0	0	0
8432	2050	12	18	700	-4.14	77.45	308.51	2.03	0	0	0
8433	2050	12	18	800	-4.57	80.11	298.58	2.04	0	0	0
8434	2050	12	18	900	-4.57	83.63	298.58	2.04	0	0	0
8435	2050	12	18	1000	-4.66	86.22	288.7	2.05	0	0	0
8436	2050	12	18	1100	-4.66	89.63	288.7	2.05	0	0	0
8437	2050	12	18	1200	-4.32	88.81	278.86	2.05	0	0	0
8438	2050	12	18	1300	-3.89	87.14	269.05	2.06	0	0	0
8439	2050	12	18	1400	-3.55	86.3	259.26	2.07	0	0	0
8440	2050	12	18	1500	-3.37	86.31	249.5	2.07	0	0	0
8441	2050	12	18	1600	-3.2	86.33	249.02	1.06	0	0	0
8442	2050	12	18	1700	-3.03	86.34	239.51	1.06	0	0	0
8443	2050	12	18	1800	-2.61	88.08	239.75	2.07	0	0	0
8444	2050	12	18	1900	-2.26	89.81	249.5	2.07	0	0	0
8445	2050	12	18	2000	-1.84	91.52	249.66	3.08	0	0	0

8446	2050	12	18	2100	-1.66	93.2	239.83	3.08	0	0	0
8447	2050	12	18	2200	-1.49	94.05	220.27	2.07	0	0	0
8448	2050	12	18	2300	-1.32	95.7	210.52	2.07	0	0	0
8449	2050	12	19	0	-1.07	93.25	220.27	2.07	0	0	0
8450	2050	12	19	100	-0.81	91.61	230.01	3.08	0	0	0
8451	2050	12	19	200	-0.55	89.1	239.83	3.08	0	0	0
8452	2050	12	19	300	0.05	87.4	259.63	4.09	0	0	0
8453	2050	12	19	400	0.64	86.08	269.52	4.08	0	0	0
8454	2050	12	19	500	1.24	83.92	289.48	5.08	0	0	0
8455	2050	12	19	600	1.41	85.51	299.29	4.06	0	0	0
8456	2050	12	19	700	1.67	87.85	299.05	3.05	0	0	0
8457	2050	12	19	800	1.84	89.38	308.51	2.03	0	0	0
8458	2050	12	19	900	1.67	91.98	326.97	1	0	0	0
8459	2050	12	19	1000	1.41	94.63	337.08	0.99	0	0	0
8460	2050	12	19	1100	1.24	97.19	230.33	0.05	0	0	0
8461	2050	12	19	1200	1.16	94.03	337.08	0.99	0	0	0
8462	2050	12	19	1300	0.99	90.88	318.47	2.02	0	0	0
8463	2050	12	19	1400	0.9	87.59	299.05	3.05	0	0	0
8464	2050	12	19	1500	0.81	85.1	309	3.04	0	0	0
8465	2050	12	19	1600	0.64	82.62	318.98	3.03	0	0	0
8466	2050	12	19	1700	0.56	80.04	328.99	3.02	0	0	0
8467	2050	12	19	1800	-0.47	80.39	339.04	3.01	0	0	0
8468	2050	12	19	1900	-1.58	81.2	349.11	3	0	0	0
8469	2050	12	19	2000	-2.61	81.13	359.21	2.99	0	0	0
8470	2050	12	19	2100	-4.23	85.39	339.04	3.01	0	0	0
8471	2050	12	19	2200	-5.77	90.4	328.99	3.02	0	0	0
8472	2050	12	19	2300	-7.39	93.07	309	3.04	0	0	0
8473	2050	12	20	0	-7.74	92.76	309	3.04	0	0	0
8474	2050	12	20	100	-8.16	92.38	318.98	3.03	0	0	0
8475	2050	12	20	200	-8.5	92.07	318.98	3.03	0	0	0
8476	2050	12	20	300	-9.02	91.61	309	3.04	0	0	0
8477	2050	12	20	400	-9.62	91.08	309	3.04	0	0	0
8478	2050	12	20	500	-10.13	90.63	299.05	3.05	0	0	0
8479	2050	12	20	600	-10.81	90.03	299.05	3.05	0	0	0
8480	2050	12	20	700	-11.58	89.36	299.05	3.05	0	0	0
8481	2050	12	20	800	-12.27	88.77	299.05	3.05	0	0	0
8482	2050	12	20	900	-13.98	87.3	269.05	2.06	0	0	0
8483	2050	12	20	1000	-15.69	85.87	220.27	2.07	0	0	0
8484	2050	12	20	1100	-17.4	84.45	191.9	1.05	0	0	0
8485	2050	12	20	1200	-17.82	84.1	172.58	1.04	0	0	0
8486	2050	12	20	1300	-18.17	83.82	161.42	2.04	0	0	0
8487	2050	12	20	1400	-18.59	83.47	141.53	2.02	0	0	0
8488	2050	12	20	1500	-16.88	84.87	131.51	2.01	0	0	0
8489	2050	12	20	1600	-15.26	86.22	122.91	0.99	0	0	0
8490	2050	12	20	1700	-13.55	87.67	112.7	0.98	0	0	0
8491	2050	12	20	1800	-12.18	88.84	122.91	0.99	0	0	0
8492	2050	12	20	1900	-10.9	89.96	141.53	2.02	0	0	0
8493	2050	12	20	2000	-9.53	91.16	151.5	2.03	0	0	0
8494	2050	12	20	2100	-9.02	91.61	141.53	2.02	0	0	0
8495	2050	12	20	2200	-8.42	92.15	133.03	1	0	0	0
8496	2050	12	20	2300	-7.91	92.61	122.91	0.99	0	0	0
8497	2050	12	21	0	-7.48	92.99	92.03	0.97	0	0	0
8498	2050	12	21	100	-7.05	93.38	230.33	0.05	0	0	0
8499	2050	12	21	200	-6.62	93.77	230.33	0.05	0	0	0
8500	2050	12	21	300	-6.45	93.93	230.33	0.05	0	0	0
8501	2050	12	21	400	-6.2	94.16	162.82	1.03	0	0	0
8502	2050	12	21	500	-6.03	94.32	172.58	1.04	0	0	0
8503	2050	12	21	600	-5.68	94.63	182.27	1.04	0	0	0
8504	2050	12	21	700	-5.26	95.02	181.15	2.05	0	0	0
8505	2050	12	21	800	-4.91	95.34	190.97	2.06	0	0	0
8506	2050	12	21	900	-4.57	95.66	210.52	2.07	0	0	0
8507	2050	12	21	1000	-4.23	95.98	220.52	1.06	0	0	0
8508	2050	12	21	1100	-3.89	96.3	239.51	1.06	0	0	0
8509	2050	12	21	1200	-3.8	96.32	239.51	1.06	0	0	0

8510	2050	12	21	1300	-3.8	96.32	230.02	1.06	0	0	0
8511	2050	12	21	1400	-3.72	96.33	230.02	1.06	0	0	0
8512	2050	12	21	1500	-3.97	96.22	230.02	1.06	0	0	0
8513	2050	12	21	1600	-4.32	95.9	230.02	1.06	0	0	0
8514	2050	12	21	1700	-4.57	95.66	230.02	1.06	0	0	0
8515	2050	12	21	1800	-4.74	95.5	211.01	1.06	0	0	0
8516	2050	12	21	1900	-5	95.26	190.97	2.06	0	0	0
8517	2050	12	21	2000	-5.17	95.1	171.31	2.05	0	0	0
8518	2050	12	21	2100	-5.6	94.71	171.31	2.05	0	0	0
8519	2050	12	21	2200	-5.94	94.39	171.31	2.05	0	0	0
8520	2050	12	21	2300	-6.37	94	171.31	2.05	0	0	0
8521	2050	12	22	0	-7.14	93.3	190.97	2.06	0	0	0
8522	2050	12	22	100	-7.99	92.53	211.01	1.06	0	0	0
8523	2050	12	22	200	-8.76	91.84	230.02	1.06	0	0	0
8524	2050	12	22	300	-7.99	92.53	230.02	1.06	0	0	0
8525	2050	12	22	400	-7.14	93.3	220.27	2.07	0	0	0
8526	2050	12	22	500	-6.37	94	220.27	2.07	0	0	0
8527	2050	12	22	600	-6.11	94.24	220.27	2.07	0	0	0
8528	2050	12	22	700	-5.77	94.55	220.52	1.06	0	0	0
8529	2050	12	22	800	-5.51	94.79	220.52	1.06	0	0	0
8530	2050	12	22	900	-5.68	94.63	230.02	1.06	0	0	0
8531	2050	12	22	1000	-5.77	94.55	230.01	2.07	0	0	0
8532	2050	12	22	1100	-5.94	94.39	239.75	2.07	0	0	0
8533	2050	12	22	1200	-5.94	94.39	230.01	2.07	0	0	0
8534	2050	12	22	1300	-6.03	94.32	230.01	2.07	0	0	0
8535	2050	12	22	1400	-6.03	94.32	220.27	2.07	0	0	0
8536	2050	12	22	1500	-5.85	94.47	220.27	2.07	0	0	0
8537	2050	12	22	1600	-5.6	94.71	210.52	2.07	0	0	0
8538	2050	12	22	1700	-5.43	94.87	210.52	2.07	0	0	0
8539	2050	12	22	1800	-5.08	95.18	220.27	2.07	0	0	0
8540	2050	12	22	1900	-4.66	95.58	220.52	1.06	0	0	0
8541	2050	12	22	2000	-4.32	95.9	230.02	1.06	0	0	0
8542	2050	12	22	2100	-4.23	95.98	230.02	1.06	0	0	0
8543	2050	12	22	2200	-4.06	96.14	239.51	1.06	0	0	0
8544	2050	12	22	2300	-3.97	96.22	239.51	1.06	0	0	0
8545	2050	12	23	0	-3.97	96.22	230.02	1.06	0	0	0
8546	2050	12	23	100	-3.97	96.22	211.01	1.06	0	0	0
8547	2050	12	23	200	-3.97	96.22	201.47	1.06	0	0	0
8548	2050	12	23	300	-3.97	96.22	220.52	1.06	0	0	0
8549	2050	12	23	400	-3.89	96.3	239.51	1.06	0	0	0
8550	2050	12	23	500	-3.89	96.3	258.56	1.06	0	0	0
8551	2050	12	23	600	-4.06	96.14	268.13	1.05	0	0	0
8552	2050	12	23	700	-4.14	96.06	288.7	2.05	0	0	0
8553	2050	12	23	800	-4.32	95.47	298.58	2.04	0	0	0
8554	2050	12	23	900	-5.94	94.39	308.51	2.03	0	0	0
8555	2050	12	23	1000	-7.65	92.77	307.03	1.02	0	0	0
8556	2050	12	23	1100	-9.27	91.39	316.95	1.01	0	0	0
8557	2050	12	23	1200	-10.13	90.63	316.95	1.01	0	0	0
8558	2050	12	23	1300	-10.98	89.88	326.97	1	0	0	0
8559	2050	12	23	1400	-11.84	89.14	326.97	1	0	0	0
8560	2050	12	23	1500	-12.44	88.62	337.08	0.99	0	0	0
8561	2050	12	23	1600	-13.04	88.11	131.51	2.01	0	0	0
8562	2050	12	23	1700	-13.63	87.6	141.53	2.02	0	0	0
8563	2050	12	23	1800	-13.89	87.38	141.53	2.02	0	0	0
8564	2050	12	23	1900	-14.15	87.16	141.53	2.02	0	0	0
8565	2050	12	23	2000	-14.4	86.94	141.53	2.02	0	0	0
8566	2050	12	23	2100	-13.72	87.52	141.53	2.02	0	0	0
8567	2050	12	23	2200	-13.12	88.03	151.5	2.03	0	0	0
8568	2050	12	23	2300	-12.44	88.62	151.5	2.03	0	0	0
8569	2050	12	24	0	-12.01	88.99	141.53	2.02	0	0	0
8570	2050	12	24	100	-11.5	89.43	131.51	2.01	0	0	0
8571	2050	12	24	200	-11.07	89.81	121.44	2	0	0	0
8572	2050	12	24	300	-10.9	89.96	131.51	2.01	0	0	0
8573	2050	12	24	400	-10.64	90.18	131.51	2.01	0	0	0

8574	2050	12	24	500	-10.47	90.33	141.53	2.02	0	0	0
8575	2050	12	24	600	-8.59	92	151.5	2.03	0	0	0
8576	2050	12	24	700	-6.79	93.61	161.42	2.04	0	0	0
8577	2050	12	24	800	-4.91	95.34	171.31	2.05	0	0	0
8578	2050	12	24	900	-4.23	95.98	171.31	2.05	0	0	0
8579	2050	12	24	1000	-3.63	96.54	171.31	2.05	0	0	0
8580	2050	12	24	1100	-2.95	97.18	171.31	2.05	0	0	0
8581	2050	12	24	1200	-2.43	97.66	190.97	2.06	0	0	0
8582	2050	12	24	1300	-2.01	98.07	200.51	3.08	0	0	0
8583	2050	12	24	1400	-1.49	98.56	220.18	3.08	0	0	0
8584	2050	12	24	1500	-1.15	98.89	220.18	3.08	0	0	0
8585	2050	12	24	1600	-0.72	99.3	210.35	3.08	0	0	0
8586	2050	12	24	1700	-0.38	99.63	210.35	3.08	0	0	0
8587	2050	12	24	1800	-0.38	99.63	210.35	3.08	0	0	0
8588	2050	12	24	1900	-0.3	99.71	210.35	3.08	0	0	0
8589	2050	12	24	2000	-0.3	99.71	210.35	3.08	0	0	0
8590	2050	12	24	2100	-0.38	99.63	210.35	3.08	0	0	0
8591	2050	12	24	2200	-0.47	99.02	210.35	3.08	0	0	0
8592	2050	12	24	2300	-0.55	99.01	210.35	3.08	0	0	0
8593	2050	12	25	0	-0.47	99.02	220.18	3.08	0	0	0
8594	2050	12	25	100	-0.38	99.03	220.18	3.08	0	0	0
8595	2050	12	25	200	-0.3	99.03	230.01	3.08	0	0	0
8596	2050	12	25	300	-0.13	99.05	230.01	3.08	0	0	0
8597	2050	12	25	400	0.05	98.22	220.14	4.09	0	0	0
8598	2050	12	25	500	0.22	98.07	220.14	4.09	0	0	0
8599	2050	12	25	600	0.22	98.07	220.14	4.09	0	0	0
8600	2050	12	25	700	0.22	98.87	220.11	5.1	0	0	0
8601	2050	12	25	800	0.22	98.87	220.11	5.1	0	0	0
8602	2050	12	25	900	0.22	98.87	230	5.1	0	0	0
8603	2050	12	25	1000	0.13	98.14	230	4.09	0	0	0
8604	2050	12	25	1100	0.13	98.14	239.87	4.09	0	0	0
8605	2050	12	25	1200	0.13	98.14	210.35	3.08	0	0	0
8606	2050	12	25	1300	0.05	99.02	180.77	3.06	0	0	0
8607	2050	12	25	1400	0.05	99.02	151.5	2.03	0	0	0
8608	2050	12	25	1500	-0.21	98.24	161.42	2.04	0	0	0
8609	2050	12	25	1600	-0.47	98.21	181.15	2.05	0	0	0
8610	2050	12	25	1700	-0.72	97.38	190.97	2.06	0	0	0
8611	2050	12	25	1800	-0.9	97.37	181.15	2.05	0	0	0
8612	2050	12	25	1900	-0.98	97.36	172.58	1.04	0	0	0
8613	2050	12	25	2000	-1.15	97.35	162.82	1.03	0	0	0
8614	2050	12	25	2100	-1.24	97.34	162.82	1.03	0	0	0
8615	2050	12	25	2200	-1.32	98.14	152.98	1.02	0	0	0
8616	2050	12	25	2300	-1.41	98.13	152.98	1.02	0	0	0
8617	2050	12	26	0	-1.49	98.13	152.98	1.02	0	0	0
8618	2050	12	26	100	-1.58	97.31	162.82	1.03	0	0	0
8619	2050	12	26	200	-1.66	97.3	162.82	1.03	0	0	0
8620	2050	12	26	300	-1.92	97.28	143.05	1.01	0	0	0
8621	2050	12	26	400	-2.09	97.27	28.88	0.96	0	0	0
8622	2050	12	26	500	-2.35	97.25	7.94	0.97	0	0	0
8623	2050	12	26	600	-2.61	97.5	39.42	0.96	0	0	0
8624	2050	12	26	700	-2.78	97.34	112.7	0.98	0	0	0
8625	2050	12	26	800	-3.03	97.1	143.05	1.01	0	0	0
8626	2050	12	26	900	-2.95	97.18	112.7	0.98	0	0	0
8627	2050	12	26	1000	-2.95	97.18	230.33	0.05	0	0	0
8628	2050	12	26	1100	-2.86	97.26	230.33	0.05	0	0	0
8629	2050	12	26	1200	-2.78	97.34	230.33	0.05	0	0	0
8630	2050	12	26	1300	-2.69	97.42	60.54	0.96	0	0	0
8631	2050	12	26	1400	-2.61	97.5	81.58	0.96	0	0	0
8632	2050	12	26	1500	-2.78	97.21	102.41	0.98	0	0	0
8633	2050	12	26	1600	-3.03	97.1	112.7	0.98	0	0	0
8634	2050	12	26	1700	-3.2	96.37	133.03	1	0	0	0
8635	2050	12	26	1800	-3.12	96.37	122.91	0.99	0	0	0
8636	2050	12	26	1900	-3.03	97.1	122.91	0.99	0	0	0
8637	2050	12	26	2000	-2.95	97.18	112.7	0.98	0	0	0

8638	2050	12	26	2100	-3.12	97.02	122.91	0.99	0	0	0
8639	2050	12	26	2200	-3.29	96.36	133.03	1	0	0	0
8640	2050	12	26	2300	-3.46	96.35	143.05	1.01	0	0	0
8641	2050	12	27	0	-4.23	95.47	122.91	0.99	0	0	0
8642	2050	12	27	100	-4.91	94.61	102.41	0.98	0	0	0
8643	2050	12	27	200	-5.68	93.73	81.58	0.96	0	0	0
8644	2050	12	27	300	-5.94	93.71	102.41	0.98	0	0	0
8645	2050	12	27	400	-6.2	94.16	133.03	1	0	0	0
8646	2050	12	27	500	-6.45	93.93	152.98	1.02	0	0	0
8647	2050	12	27	600	-6.28	94.08	152.98	1.02	0	0	0
8648	2050	12	27	700	-6.03	94.32	141.53	2.02	0	0	0
8649	2050	12	27	800	-5.85	94.47	141.53	2.02	0	0	0
8650	2050	12	27	900	-6.88	92.82	141.53	2.02	0	0	0
8651	2050	12	27	1000	-7.91	91.92	151.5	2.03	0	0	0
8652	2050	12	27	1100	-8.93	90.19	151.5	2.03	0	0	0
8653	2050	12	27	1200	-9.36	90.17	141.53	2.02	0	0	0
8654	2050	12	27	1300	-9.87	90.86	347.28	0.98	0	0	0
8655	2050	12	27	1400	-10.3	90.48	337.08	0.99	0	0	0
8656	2050	12	27	1500	-11.67	88.35	326.97	1	0	0	0
8657	2050	12	27	1600	-13.12	85.72	307.03	1.02	0	0	0
8658	2050	12	27	1700	-14.49	83.07	297.19	1.03	0	0	0
8659	2050	12	27	1800	-13.55	86.56	307.03	1.02	0	0	0
8660	2050	12	27	1900	-12.69	88.4	307.03	1.02	0	0	0
8661	2050	12	27	2000	-11.75	89.21	316.95	1.01	0	0	0
8662	2050	12	27	2100	-10.98	89.88	316.95	1.01	0	0	0
8663	2050	12	27	2200	-10.13	90.63	328.49	2.01	0	0	0
8664	2050	12	27	2300	-9.36	91.31	328.49	2.01	0	0	0
8665	2050	12	28	0	-9.19	91.46	328.49	2.01	0	0	0
8666	2050	12	28	100	-8.93	91.69	318.47	2.02	0	0	0
8667	2050	12	28	200	-8.76	91.84	318.47	2.02	0	0	0
8668	2050	12	28	300	-8.59	92	328.49	2.01	0	0	0
8669	2050	12	28	400	-8.5	92.07	328.49	2.01	0	0	0
8670	2050	12	28	500	-8.33	92.22	338.55	2	0	0	0
8671	2050	12	28	600	-7.91	92.61	358.81	1.99	0	0	0
8672	2050	12	28	700	-7.48	92.99	8.99	1.98	0	0	0
8673	2050	12	28	800	-7.05	93.38	29.46	1.97	0	0	0
8674	2050	12	28	900	-6.71	93.66	39.72	1.97	0	0	0
8675	2050	12	28	1000	-6.37	93.68	39.72	1.97	0	0	0
8676	2050	12	28	1100	-6.03	93.7	49.99	1.97	0	0	0
8677	2050	12	28	1200	-5.85	93.72	70.53	1.97	0	1.01	1.01
8678	2050	12	28	1300	-5.68	93.73	92.03	0.97	0	1.29	1.29
8679	2050	12	28	1400	-5.51	93.74	112.7	0.98	0	0.28	0.28
8680	2050	12	28	1500	-5.43	92.92	112.7	0.98	0	0	0
8681	2050	12	28	1600	-5.43	92.92	111.33	1.99	0	0	0
8682	2050	12	28	1700	-5.34	92.1	111.33	1.99	0	0	0
8683	2050	12	28	1800	-5.51	92.08	111.33	1.99	0	0	0
8684	2050	12	28	1900	-5.6	92.91	111.33	1.99	0	0	0
8685	2050	12	28	2000	-5.77	92.9	111.33	1.99	0	0	0
8686	2050	12	28	2100	-5.85	92.89	111.33	1.99	0	0	0
8687	2050	12	28	2200	-6.03	92.05	110.89	3	0	0	0
8688	2050	12	28	2300	-6.11	92.04	110.89	3	0	0	0
8689	2050	12	29	0	-6.37	92.03	110.89	3	0	0	0
8690	2050	12	29	100	-6.71	91.17	101.18	1.98	0	0	0
8691	2050	12	29	200	-6.97	91.15	101.18	1.98	0	0	0
8692	2050	12	29	300	-7.14	91.14	90.99	1.98	0	0	0
8693	2050	12	29	400	-7.39	91.96	90.99	1.98	0	0	0
8694	2050	12	29	500	-7.56	91.95	80.77	1.97	0	0	0
8695	2050	12	29	600	-7.56	92.78	90.99	1.98	0	0	0
8696	2050	12	29	700	-7.56	92.92	92.03	0.97	0	0	0
8697	2050	12	29	800	-7.56	92.92	102.41	0.98	0	0	0
8698	2050	12	29	900	-7.39	92.79	112.7	0.98	0	0	0
8699	2050	12	29	1000	-7.31	91.96	111.33	1.99	0	0	0
8700	2050	12	29	1100	-7.14	90.3	121.44	2	0	0	0
8701	2050	12	29	1200	-7.22	91.14	131.51	2.01	0	0	0

8702	2050	12	29	1300	-7.31	91.13	131.51	2.01	0	1.75	1.75
8703	2050	12	29	1400	-7.39	91.96	141.53	2.02	0	0.74	0.74
8704	2050	12	29	1500	-7.39	91.96	151.5	2.03	0	0	0
8705	2050	12	29	1600	-7.48	91.95	152.98	1.02	0	0	0
8706	2050	12	29	1700	-7.48	91.95	162.82	1.03	0	0	0
8707	2050	12	29	1800	-7.65	91.94	162.82	1.03	0	0	0
8708	2050	12	29	1900	-7.74	91.94	172.58	1.04	0	0	0
8709	2050	12	29	2000	-7.91	91.92	172.58	1.04	0	0	0
8710	2050	12	29	2100	-9.36	90.17	172.58	1.04	0	0	0
8711	2050	12	29	2200	-10.81	88.4	161.42	2.04	0	0	0
8712	2050	12	29	2300	-12.27	86.62	161.42	2.04	0	0	0
8713	2050	12	30	0	-12.35	88.32	161.42	2.04	0	0	0
8714	2050	12	30	100	-12.44	88.62	161.42	2.04	0	0	0
8715	2050	12	30	200	-12.52	88.55	161.42	2.04	0	0	0
8716	2050	12	30	300	-11.84	89.14	171.31	2.05	0	0	0
8717	2050	12	30	400	-11.24	89.66	171.31	2.05	0	0	0
8718	2050	12	30	500	-10.56	90.25	181.15	2.05	0	0	0
8719	2050	12	30	600	-10.21	90.55	190.97	2.06	0	0	0
8720	2050	12	30	700	-9.96	90.78	190.97	2.06	0	0	0
8721	2050	12	30	800	-9.62	91.08	200.75	2.07	0	0	0
8722	2050	12	30	900	-10.98	89.88	200.75	2.07	0	0	0
8723	2050	12	30	1000	-12.35	88.32	200.75	2.07	0	0	0
8724	2050	12	30	1100	-13.72	86.55	200.75	2.07	0	0	0
8725	2050	12	30	1200	-11.58	89.2	200.75	2.07	0	1.57	1.57
8726	2050	12	30	1300	-9.53	90.99	200.51	3.08	0	2.86	2.86
8727	2050	12	30	1400	-7.39	93.07	200.51	3.08	0	0.74	0.74
8728	2050	12	30	1500	-7.14	93.3	190.65	3.07	0	0	0
8729	2050	12	30	1600	-6.88	92.82	190.97	2.06	0	0	0
8730	2050	12	30	1700	-6.62	92.84	181.15	2.05	0	0	0
8731	2050	12	30	1800	-6.45	92.85	190.65	3.07	0	0	0
8732	2050	12	30	1900	-6.28	93.69	190.65	3.07	0	0	0
8733	2050	12	30	2000	-6.11	93.7	200.38	4.08	0	0	0
8734	2050	12	30	2100	-7.56	92.78	190.65	3.07	0	0	0
8735	2050	12	30	2200	-9.02	91.61	180.77	3.06	0	0	0
8736	2050	12	30	2300	-10.47	90.33	171.31	2.05	0	0	0
8737	2050	12	31	0	-11.67	89.29	181.15	2.05	0	0	0
8738	2050	12	31	100	-12.95	88.18	201.47	1.06	0	0	0
8739	2050	12	31	200	-14.15	87.16	211.01	1.06	0	0	0
8740	2050	12	31	300	-11.07	89.81	211.01	1.06	0	0	0
8741	2050	12	31	400	-8.08	92.46	220.27	2.07	0	0	0
8742	2050	12	31	500	-5	94.6	220.27	2.07	0	0	0
8743	2050	12	31	600	-5	94.6	220.27	2.07	0	0	0
8744	2050	12	31	700	-5	95.26	210.52	2.07	0	0	0
8745	2050	12	31	800	-5	95.26	210.52	2.07	0	0	0
8746	2050	12	31	900	-5.08	95.18	230.01	2.07	0	0	0
8747	2050	12	31	1000	-5.08	95.18	239.51	1.06	0	0	0
8748	2050	12	31	1100	-5.17	95.1	258.56	1.06	0	0	0
8749	2050	12	31	1200	-5.43	94.87	239.51	1.06	0	1.75	1.75
8750	2050	12	31	1300	-5.6	94.71	211.01	1.06	0	2.58	2.58
8751	2050	12	31	1400	-6.54	93.85	191.9	1.05	0	0.74	0.74
8752	2050	12	31	1500	-7.48	92.99	211.01	1.06	0	0	0
8753	2050	12	31	1600	-8.42	92.15	249.02	1.06	0	0	0
8754	2050	12	31	1700	-9.36	91.31	268.13	1.05	0	0	0
8755	2050	12	31	1800	-10.3	90.48	258.56	1.06	0	0	0
8756	2050	12	31	1900	-11.41	89.51	249.5	2.07	0	0	0
8757	2050	12	31	2000	-12.52	88.55	239.75	2.07	0	0	0
8758	2050	12	31	2100	-13.55	87.67	220.27	2.07	0	0	0
8759	2050	12	31	2200	-14.49	86.87	182.27	1.04	0	0	0
8760	2050	12	31	2300	-15.43	86.08	162.82	1.03	0	0	0