

Observer: Gerhard Dangl, Nonndorf - Austria, www.dangl.at Position: 48°47' 13.3" North, 15°14' 08.0" East, Height 591m (all WGS84) Video camera: WAT-120N, It=2.56s, average image sample period = 2.003105s Video time inserter: KIWI-OSD Telescope: Newton 1200/254, f4.72 Mount: Skywatcher EQ6 + EQMOD

Nr.	Time [UTC]			2009-04-07	Limovie measurement values	
	HH	MM	SS.sss	UTC second of the day	Target star CSS 081231	Reference star 2UCAC46942545
0	19	46	16.766	71177	560.2	679.4
1	19	46	18.769	71179	547.7	500.2
2	19	46	20.772	71181	611.9	589.5
3	19	46	22.775	71183	621.5	582.3
4	19	46	24.778	71185	528.5	593.8
5	19	46	26.781	71187	511.0	519.1
6	19	46	28.784	71189	501.6	535.3
7	19	46	30.787	71191	489.1	582.5
8	19	46	32.790	71193	494.4	595.2
9	19	46	34.793	71195	366.2	583.4
10	19	46	36.796	71197	414.3	559.8
11	19	46	38.799	71199	400.5	595.7
12	19	46	40.802	71201	395.9	605.2
13	19	46	42.805	71203	508.2	598.9
14	19	46	44.808	71205	508.0	637.0
15	19	46	46.811	71207	371.4	517.3
16	19	46	48.814	71209	447.0	433.3
17	19	46	50.817	71211	455.7	426.9
18	19	46	52.820	71213	411.7	579.7
19	19	46	54.823	71215	505.8	572.2
20	19	46	56.826	71217	495.3	587.5
21	19	46	58.829	71219	501.0	547.2
22	19	47	00.832	71221	509.4	549.9
23	19	47	02.835	71223	440.8	651.0
24	19	47	04.838	71225	505.2	657.4
25	19	47	06.841	71227	381.0	589.8
26	19	47	08.844	71229	380.2	589.1
27	19	47	10.847	71231	365.9	480.5
28	19	47	12.850	71233	512.6	569.2
29	19	47	14.853	71235	553.5	626.6
30	19	47	16.856	71237	383.4	557.1
31	19	47	18.859	71239	354.8	569.9
32	19	47	20.862	71241	497.6	685.1
33	19	47	22.865	71243	430.8	631.3
34	19	47	24.868	71245	555.8	589.6
35	19	47	26.871	71247	554.0	592.1
36	19	47	28.874	71249	391.3	583.2
37	19	47	30.877	71251	354.4	467.5
38	19	47	32.880	71253	341.7	591.8
39	19	47	34.883	71255	414.6	510.0
40	19	47	36.886	71257	411.4	520.8
41	19	47	38.889	71259	436.9	515.7
42	19	47	40.892	71261	450.1	541.2
43	19	47	42.895	71263	479.6	571.2
44	19	47	44.898	71265	428.2	596.8
45	19	47	46.901	71267	384.3	528.9
46	19	47	48.904	71269	274.9	506.3

47	19	47	50.907	71271	380.6	641.8
48	19	47	52.910	71273	405.6	629.8
49	19	47	54.913	71275	410.6	642.5
50	19	47	56.916	71277	404.0	581.7
51	19	47	58.919	71279	332.7	543.9
52	19	48	00.922	71281	333.0	554.2
53	19	48	02.925	71283	399.2	527.5
54	19	48	04.928	71285	406.4	517.3
55	19	48	06.931	71287	340.3	585.8
56	19	48	08.934	71289	395.4	639.8
57	19	48	10.937	71291	435.3	573.3
58	19	48	12.940	71293	441.4	559.8
59	19	48	14.943	71295	383.8	632.3
60	19	48	16.946	71297	370.2	560.8
61	19	48	18.949	71299	465.2	692.8
62	19	48	20.952	71301	319.3	697.0
63	19	48	22.955	71303	311.3	690.9
64	19	48	24.958	71305	327.2	621.9
65	19	48	26.961	71307	434.1	705.5
66	19	48	28.964	71309	472.9	623.6
67	19	48	30.967	71311	383.4	530.9
68	19	48	32.970	71313	346.6	457.7
69	19	48	34.973	71315	357.2	622.5
70	19	48	36.976	71317	394.9	672.6
71	19	48	38.979	71319	408.8	726.6
72	19	48	40.982	71321	419.3	720.5
73	19	48	42.985	71323	440.9	563.6
74	19	48	44.988	71325	407.5	505.8
75	19	48	46.991	71327	339.2	533.2
76	19	48	48.994	71329	356.1	530.4
77	19	48	50.997	71331	347.9	526.9
78	19	48	53.000	71333	335.9	588.4
79	19	48	55.003	71335	341.5	568.5
80	19	48	57.006	71337	393.1	502.2
81	19	48	59.009	71339	396.2	500.3
82	19	49	01.012	71341	343.2	533.8
83	19	49	03.015	71343	420.3	610.0
84	19	49	05.018	71345	382.5	627.9
85	19	49	07.021	71347	303.9	529.9
86	19	49	09.024	71349	328.1	539.3
87	19	49	11.027	71351	378.1	495.0
88	19	49	13.030	71353	293.9	522.6
89	19	49	15.033	71355	328.4	514.7
90	19	49	17.036	71357	324.9	515.3
91	19	49	19.039	71359	345.8	506.2
92	19	49	21.042	71361	357.9	617.9
93	19	49	23.045	71363	383.7	590.8
94	19	49	25.048	71365	278.1	559.9
95	19	49	27.051	71367	275.6	551.9
96	19	49	29.054	71369	334.1	614.4
97	19	49	31.057	71371	405.0	538.0
98	19	49	33.060	71373	420.7	542.3
99	19	49	35.063	71375	247.8	466.9
100	19	49	37.066	71377	258.4	461.5
101	19	49	39.069	71379	327.1	539.5
102	19	49	41.072	71381	330.5	574.4
103	19	49	43.075	71383	426.7	540.8
104	19	49	45.078	71385	413.7	585.9
105	19	49	47.081	71387	249.1	606.7
106	19	49	49.084	71389	339.8	581.7

107	19	49	51.087	71391	434.4	626.6
108	19	49	53.090	71393	419.9	554.9
109	19	49	55.093	71395	430.1	553.0
110	19	49	57.096	71397	345.8	574.9
111	19	49	59.099	71399	542.6	588.4
112	19	50	01.102	71401	406.6	687.8
113	19	50	03.105	71403	329.6	671.1
114	19	50	05.108	71405	373.6	600.8
115	19	50	07.111	71407	336.7	506.1
116	19	50	09.114	71409	451.3	614.1
117	19	50	11.117	71411	273.3	552.1
118	19	50	13.120	71413	269.4	533.3
119	19	50	15.123	71415	482.0	599.5
120	19	50	17.126	71417	316.9	566.8
121	19	50	19.129	71419	480.9	509.1
122	19	50	21.132	71421	391.5	572.7
123	19	50	23.135	71423	376.9	560.8
124	19	50	25.138	71425	371.6	629.6
125	19	50	27.141	71427	448.5	471.8
126	19	50	29.144	71429	422.0	563.2
127	19	50	31.147	71431	424.3	566.8
128	19	50	33.150	71433	382.9	492.0
129	19	50	35.153	71435	408.5	531.6
130	19	50	37.156	71437	441.2	391.4
131	19	50	39.159	71439	365.7	540.9
132	19	50	41.162	71441	358.4	532.1
133	19	50	43.165	71443	448.8	580.8
134	19	50	45.168	71445	479.2	531.3
135	19	50	47.171	71447	380.7	571.6
136	19	50	49.174	71449	406.5	583.5
137	19	50	51.177	71451	455.2	455.0
138	19	50	53.180	71453	438.4	709.5
139	19	50	55.183	71455	475.7	458.8
140	19	50	57.186	71457	335.3	475.1
141	19	50	59.189	71459	358.8	467.0
142	19	51	01.192	71461	436.2	500.8
143	19	51	03.195	71463	533.4	558.8
144	19	51	05.198	71465	352.4	532.6
145	19	51	07.201	71467	900.6	438.9
146	19	51	09.204	71469	913.0	436.6
147	19	51	11.207	71471	369.2	517.5
148	19	51	13.210	71473	476.2	597.4
149	19	51	15.213	71475	399.3	551.9
150	19	51	17.216	71477	406.3	556.2
151	19	51	19.219	71479	438.1	466.7
152	19	51	21.222	71481	414.1	564.1
153	19	51	23.225	71483	393.3	438.8
154	19	51	25.228	71485	486.1	567.4
155	19	51	27.231	71487	489.6	569.5
156	19	51	29.234	71489	402.5	588.4
157	19	51	31.237	71491	504.1	503.5
158	19	51	33.240	71493	437.7	510.0
159	19	51	35.243	71495	430.1	527.4
160	19	51	37.246	71497	410.2	481.2
161	19	51	39.249	71499	464.0	532.0
162	19	51	41.252	71501	455.6	517.9
163	19	51	43.255	71503	395.1	569.8
164	19	51	45.258	71505	397.7	572.6
165	19	51	47.261	71507	476.3	525.2
166	19	51	49.264	71509	463.4	460.4

167	19	51	51.267	71511	389.8	510.9
168	19	51	53.270	71513	364.4	483.1
169	19	51	55.273	71515	360.4	493.3
170	19	51	57.276	71517	470.8	524.1
171	19	51	59.279	71519	461.0	502.3
172	19	52	01.282	71521	409.8	556.9
173	19	52	03.285	71523	391.4	537.4
174	19	52	05.288	71525	429.5	511.2
175	19	52	07.291	71527	511.2	580.8
176	19	52	09.294	71529	429.2	551.4
177	19	52	11.297	71531	439.8	491.5
178	19	52	13.300	71533	438.7	496.6
179	19	52	15.303	71535	457.5	555.0
180	19	52	17.306	71537	386.1	569.2
181	19	52	19.309	71539	242.0	540.9
182	19	52	21.312	71541	195.0	549.5
183	19	52	23.315	71543	510.4	499.3
184	19	52	25.318	71545	331.8	520.1
185	19	52	27.321	71547	454.4	593.8
186	19	52	29.324	71549	388.2	630.7
187	19	52	31.327	71551	394.2	620.5
188	19	52	33.330	71553	303.0	482.5
189	19	52	35.333	71555	482.9	444.2
190	19	52	37.336	71557	449.3	529.9
191	19	52	39.339	71559	494.9	566.3
192	19	52	41.342	71561	497.7	577.1
193	19	52	43.345	71563	287.1	563.8
194	19	52	45.348	71565	335.5	571.4
195	19	52	47.351	71567	360.5	504.9
196	19	52	49.354	71569	360.2	499.0
197	19	52	51.357	71571	376.0	463.2
198	19	52	53.360	71573	247.2	571.2
199	19	52	55.363	71575	476.5	497.2
200	19	52	57.366	71577	366.3	529.6
201	19	52	59.369	71579	355.2	528.7
202	19	53	01.372	71581	289.4	560.9
203	19	53	03.375	71583	406.7	608.0
204	19	53	05.378	71585	368.7	543.7
205	19	53	07.381	71587	384.4	532.5
206	19	53	09.384	71589	426.6	544.9
207	19	53	11.387	71591	338.8	630.9
208	19	53	13.390	71593	368.1	596.7
209	19	53	15.393	71595	382.8	610.9
210	19	53	17.396	71597	381.2	602.1
211	19	53	19.399	71599	424.9	484.3
212	19	53	21.402	71601	386.0	525.7
213	19	53	23.405	71603	334.6	476.5
214	19	53	25.408	71605	364.5	560.6
215	19	53	27.411	71607	354.1	554.8
216	19	53	29.414	71609	259.4	549.4
217	19	53	31.417	71611	270.8	559.0
218	19	53	33.420	71613	337.8	603.0
219	19	53	35.423	71615	337.6	605.6
220	19	53	37.426	71617	380.7	557.9
221	19	53	39.429	71619	349.6	641.9
222	19	53	41.432	71621	442.2	534.5
223	19	53	43.435	71623	492.2	454.2
224	19	53	45.438	71625	504.8	469.3
225	19	53	47.441	71627	415.6	617.4
226	19	53	49.444	71629	368.7	624.0

227	19	53	51.447	71631	239.9	713.9
228	19	53	53.450	71633	302.1	727.0
229	19	53	55.453	71635	285.3	535.6
230	19	53	57.456	71637	326.8	480.5
231	19	53	59.459	71639	279.5	490.5
232	19	54	01.462	71641	382.8	587.2
233	19	54	03.465	71643	375.8	592.4
234	19	54	05.468	71645	252.7	568.2
235	19	54	07.471	71647	346.7	613.0
236	19	54	09.474	71649	271.5	568.2
237	19	54	11.477	71651	213.6	469.2
238	19	54	13.480	71653	224.2	477.2
239	19	54	15.483	71655	392.1	685.9
240	19	54	17.486	71657	204.1	470.1
241	19	54	19.489	71659	287.0	609.8
242	19	54	21.492	71661	288.3	609.5
243	19	54	23.495	71663	279.1	597.6
244	19	54	25.498	71665	338.1	557.3
245	19	54	27.501	71668	344.7	478.9
246	19	54	29.504	71670	316.5	615.7
247	19	54	31.507	71672	305.0	617.2
248	19	54	33.510	71674	345.1	513.7
249	19	54	35.513	71676	374.3	789.1
250	19	54	37.516	71678	186.0	576.8
251	19	54	39.519	71680	178.4	583.8
252	19	54	41.522	71682	320.6	670.1
253	19	54	43.525	71684	356.6	530.9
254	19	54	45.528	71686	315.9	631.7
255	19	54	47.531	71688	233.0	585.1
256	19	54	49.534	71690	254.0	591.2
257	19	54	51.537	71692	232.0	591.3
258	19	54	53.540	71694	280.7	669.4
259	19	54	55.543	71696	347.4	504.6
260	19	54	57.546	71698	330.1	624.6
261	19	54	59.549	71700	347.8	626.3
262	19	55	01.552	71702	398.3	525.7
263	19	55	03.555	71704	347.8	535.7
264	19	55	05.558	71706	389.9	486.6
265	19	55	07.561	71708	402.2	502.1
266	19	55	09.564	71710	283.3	550.2
267	19	55	11.567	71712	375.6	599.0
268	19	55	13.570	71714	164.8	524.3
269	19	55	15.573	71716	184.0	463.4
270	19	55	17.576	71718	191.7	468.4
271	19	55	19.579	71720	320.7	603.8
272	19	55	21.582	71722	315.1	470.4
273	19	55	23.585	71724	344.6	541.4
274	19	55	25.588	71726	344.6	540.5
275	19	55	27.591	71728	309.6	491.5
276	19	55	29.594	71730	309.0	498.6
277	19	55	31.597	71732	308.3	482.5
278	19	55	33.600	71734	418.0	514.3
279	19	55	35.603	71736	414.2	533.5
280	19	55	37.606	71738	330.5	491.0
281	19	55	39.609	71740	498.1	547.2
282	19	55	41.612	71742	416.2	581.1
283	19	55	43.615	71744	354.8	593.1
284	19	55	45.618	71746	328.8	626.3
285	19	55	47.621	71748	284.3	559.1
286	19	55	49.624	71750	340.9	546.4

287	19	55	51.627	71752	407.8	471.4
288	19	55	53.630	71754	405.9	477.4
289	19	55	55.633	71756	405.9	584.5
290	19	55	57.636	71758	418.2	550.0
291	19	55	59.639	71760	318.1	612.7
292	19	56	01.642	71762	279.6	466.7
293	19	56	03.645	71764	270.7	465.1
294	19	56	05.648	71766	335.9	591.1
295	19	56	07.651	71768	322.2	520.3
296	19	56	09.654	71770	329.7	518.2
297	19	56	11.657	71772	317.8	504.3
298	19	56	13.660	71774	238.1	565.1
299	19	56	15.663	71776	294.8	496.1
300	19	56	17.666	71778	226.7	718.4
301	19	56	19.669	71780	252.1	574.1
302	19	56	21.672	71782	245.3	584.1
303	19	56	23.675	71784	296.0	521.6
304	19	56	25.678	71786	312.6	502.3
305	19	56	27.681	71788	254.8	567.3
306	19	56	29.684	71790	255.2	659.8
307	19	56	31.687	71792	311.5	641.3
308	19	56	33.690	71794	325.6	522.9
309	19	56	35.693	71796	237.4	509.4
310	19	56	37.696	71798	219.6	575.3
311	19	56	39.699	71800	225.4	596.2
312	19	56	41.702	71802	240.3	561.7
313	19	56	43.705	71804	361.6	676.9
314	19	56	45.708	71806	246.3	577.3
315	19	56	47.711	71808	365.5	639.5
316	19	56	49.714	71810	363.3	639.3
317	19	56	51.717	71812	345.7	493.7
318	19	56	53.720	71814	148.6	585.4
319	19	56	55.723	71816	302.6	610.5
320	19	56	57.726	71818	303.9	613.8
321	19	56	59.729	71820	282.0	658.4
322	19	57	01.732	71822	233.9	528.2
323	19	57	03.735	71824	186.6	680.4
324	19	57	05.738	71826	321.9	645.2
325	19	57	07.741	71828	310.4	655.1
326	19	57	09.744	71830	255.3	665.0
327	19	57	11.747	71832	340.0	489.6
328	19	57	13.750	71834	423.1	558.2
329	19	57	15.753	71836	339.2	588.2
330	19	57	17.756	71838	361.5	520.6
331	19	57	19.759	71840	297.7	545.5
332	19	57	21.762	71842	301.8	593.8
333	19	57	23.765	71844	144.4	636.7
334	19	57	25.768	71846	153.6	650.8
335	19	57	27.771	71848	285.2	569.6
336	19	57	29.774	71850	277.3	507.3
337	19	57	31.777	71852	342.9	545.2
338	19	57	33.780	71854	129.7	497.3
339	19	57	35.783	71856	145.7	488.2
340	19	57	37.786	71858	189.4	447.8
341	19	57	39.789	71860	262.5	582.4
342	19	57	41.792	71862	272.9	689.6
343	19	57	43.795	71864	257.7	688.9
344	19	57	45.798	71866	382.4	511.9
345	19	57	47.801	71868	130.8	588.1
346	19	57	49.804	71870	103.3	586.1

347	19	57	51.807	71872	293.7	564.8
348	19	57	53.810	71874	288.5	563.0
349	19	57	55.813	71876	174.8	645.3
350	19	57	57.816	71878	286.3	566.8
351	19	57	59.819	71880	250.5	605.3
352	19	58	01.822	71882	249.6	512.8
353	19	58	03.825	71884	268.7	595.5
354	19	58	05.828	71886	300.4	468.3
355	19	58	07.831	71888	230.1	535.3
356	19	58	09.834	71890	177.8	609.7
357	19	58	11.837	71892	193.0	617.1
358	19	58	13.840	71894	351.5	505.5
359	19	58	15.843	71896	322.1	528.4
360	19	58	17.846	71898	243.1	653.5
361	19	58	19.849	71900	279.3	627.1
362	19	58	21.852	71902	281.1	624.4
363	19	58	23.855	71904	264.8	590.5
364	19	58	25.858	71906	287.1	558.3
365	19	58	27.861	71908	85.7	440.1
366	19	58	29.864	71910	68.1	431.8
367	19	58	31.867	71912	292.8	601.7
368	19	58	33.870	71914	263.8	614.4
369	19	58	35.873	71916	265.0	592.3
370	19	58	37.876	71918	325.9	553.6
371	19	58	39.879	71920	325.2	564.9
372	19	58	41.882	71922	231.8	551.6
373	19	58	43.885	71924	168.3	472.0
374	19	58	45.888	71926	253.5	505.1
375	19	58	47.891	71928	231.7	461.6
376	19	58	49.894	71930	292.2	512.0
377	19	58	51.897	71932	341.2	560.6
378	19	58	53.900	71934	308.1	511.5
379	19	58	55.903	71936	144.9	535.7
380	19	58	57.906	71938	150.4	525.9
381	19	58	59.909	71940	230.4	507.6
382	19	59	01.912	71942	270.7	567.9
383	19	59	03.915	71944	173.1	531.1
384	19	59	05.918	71946	315.9	542.7
385	19	59	07.921	71948	319.3	551.4
386	19	59	09.924	71950	244.5	558.7
387	19	59	11.927	71952	195.3	551.8
388	19	59	13.930	71954	167.3	484.0
389	19	59	15.933	71956	178.7	496.1
390	19	59	17.936	71958	116.4	509.2
391	19	59	19.939	71960	305.0	594.9
392	19	59	21.942	71962	173.2	520.0
393	19	59	23.945	71964	212.0	450.4
394	19	59	25.948	71966	225.2	452.1
395	19	59	27.951	71968	238.7	517.3
396	19	59	29.954	71970	368.6	552.1
397	19	59	31.957	71972	345.8	488.8
398	19	59	33.960	71974	338.4	488.2
399	19	59	35.963	71976	275.6	545.7
400	19	59	37.966	71978	289.6	409.0
401	19	59	39.969	71980	256.7	528.2
402	19	59	41.972	71982	287.0	610.6
403	19	59	43.975	71984	290.1	614.1
404	19	59	45.978	71986	298.5	446.9
405	19	59	47.981	71988	235.4	482.7
406	19	59	49.984	71990	196.0	450.6

407	19	59	51.987	71992	195.0	548.1
408	19	59	53.990	71994	183.6	544.9
409	19	59	55.993	71996	212.2	581.1
410	19	59	57.996	71998	284.5	480.7
411	19	59	59.999	72000	207.3	543.2
412	20	00	02.002	72002	214.5	551.6
413	20	00	04.005	72004	248.5	451.7
414	20	00	06.008	72006	318.2	595.2
415	20	00	08.011	72008	236.7	594.5
416	20	00	10.014	72010	208.4	555.2
417	20	00	12.017	72012	184.6	551.5
418	20	00	14.020	72014	171.6	590.3
419	20	00	16.023	72016	232.8	501.4
420	20	00	18.026	72018	157.2	590.6
421	20	00	20.029	72020	160.1	571.0
422	20	00	22.032	72022	217.1	576.7
423	20	00	24.035	72024	233.9	586.8
424	20	00	26.038	72026	186.6	607.4
425	20	00	28.041	72028	247.3	538.2
426	20	00	30.044	72030	218.0	522.5
427	20	00	32.047	72032	215.6	443.1
428	20	00	34.050	72034	155.7	634.5
429	20	00	36.053	72036	235.2	618.0
430	20	00	38.056	72038	279.2	649.1
431	20	00	40.059	72040	277.4	657.9
432	20	00	42.062	72042	236.8	582.4
433	20	00	44.065	72044	194.3	665.1
434	20	00	46.068	72046	97.4	612.8
435	20	00	48.071	72048	93.6	625.6
436	20	00	50.074	72050	292.2	590.0
437	20	00	52.077	72052	220.1	462.3
438	20	00	54.080	72054	299.2	473.6
439	20	00	56.083	72056	203.0	461.9
440	20	00	58.086	72058	177.5	445.0
441	20	01	00.089	72060	191.7	518.1
442	20	01	02.092	72062	219.1	554.3
443	20	01	04.095	72064	239.1	476.5
444	20	01	06.098	72066	243.2	473.5
445	20	01	08.101	72068	207.6	617.4
446	20	01	10.104	72070	227.7	530.1
447	20	01	12.107	72072	226.8	460.0
448	20	01	14.110	72074	270.8	535.9
449	20	01	16.113	72076	262.2	528.9
450	20	01	18.116	72078	271.2	576.4
451	20	01	20.119	72080	221.5	543.5
452	20	01	22.122	72082	288.7	614.2
453	20	01	24.125	72084	195.6	471.6
454	20	01	26.128	72086	208.0	479.0
455	20	01	28.131	72088	338.4	525.0
456	20	01	30.134	72090	297.8	531.4
457	20	01	32.137	72092	148.5	473.5
458	20	01	34.140	72094	146.2	462.8
459	20	01	36.143	72096	238.7	502.9
460	20	01	38.146	72098	114.0	460.1
461	20	01	40.149	72100	275.7	688.7
462	20	01	42.152	72102	274.6	481.0
463	20	01	44.155	72104	272.4	475.2
464	20	01	46.158	72106	335.3	503.2
465	20	01	48.161	72108	269.9	419.0
466	20	01	50.164	72110	155.4	485.5

467	20	01	52.167	72112	156.2	489.5
468	20	01	54.170	72114	229.0	491.2
469	20	01	56.173	72116	187.8	534.5
470	20	01	58.176	72118	324.7	644.2
471	20	02	00.179	72120	167.7	622.6
472	20	02	02.182	72122	175.8	637.8
473	20	02	04.185	72124	219.4	483.3
474	20	02	06.188	72126	108.6	584.0
475	20	02	08.191	72128	161.7	497.7
476	20	02	10.194	72130	139.0	648.5
477	20	02	12.197	72132	120.3	637.4
478	20	02	14.200	72134	249.7	509.6
479	20	02	16.203	72136	176.7	561.0
480	20	02	18.206	72138	209.0	502.5
481	20	02	20.209	72140	188.2	499.9
482	20	02	22.212	72142	272.1	514.0
483	20	02	24.215	72144	191.0	557.8
484	20	02	26.218	72146	147.2	544.4
485	20	02	28.221	72148	212.9	624.2
486	20	02	30.224	72150	216.7	625.4
487	20	02	32.227	72152	268.7	619.3
488	20	02	34.230	72154	241.8	539.6
489	20	02	36.233	72156	213.1	697.3
490	20	02	38.236	72158	196.7	707.2
491	20	02	40.239	72160	211.8	626.2
492	20	02	42.242	72162	209.9	690.3
493	20	02	44.245	72164	264.2	546.5
494	20	02	46.248	72166	237.6	681.2
495	20	02	48.251	72168	236.8	692.8
496	20	02	50.254	72170	276.7	625.2
497	20	02	52.257	72172	315.3	665.7
498	20	02	54.260	72174	457.4	518.6
499	20	02	56.263	72176	349.3	690.7
500	20	02	58.266	72178	342.5	675.5
501	20	03	00.269	72180	331.6	688.6
502	20	03	02.272	72182	410.7	636.3
503	20	03	04.275	72184	184.1	597.4
504	20	03	06.278	72186	182.1	588.2
505	20	03	08.281	72188	291.4	627.8
506	20	03	10.284	72190	240.4	730.3
507	20	03	12.287	72192	278.7	723.5
508	20	03	14.290	72194	314.3	596.8
509	20	03	16.293	72196	325.8	611.0
510	20	03	18.296	72198	214.2	655.3
511	20	03	20.299	72200	290.5	662.1
512	20	03	22.302	72202	193.4	613.8
513	20	03	24.305	72204	205.7	606.2
514	20	03	26.308	72206	286.4	561.5
515	20	03	28.311	72208	182.0	595.8
516	20	03	30.314	72210	248.5	675.4
517	20	03	32.317	72212	267.6	590.2
518	20	03	34.320	72214	276.2	586.6
519	20	03	36.323	72216	273.3	673.6
520	20	03	38.326	72218	232.6	683.5
521	20	03	40.329	72220	220.4	702.7
522	20	03	42.332	72222	186.2	691.5
523	20	03	44.335	72224	179.0	685.0
524	20	03	46.338	72226	182.9	655.3
525	20	03	48.341	72228	202.4	636.4
526	20	03	50.344	72230	226.1	647.2

527	20	03	52.347	72232	207.3	644.7
528	20	03	54.350	72234	209.5	589.1
529	20	03	56.353	72236	232.0	735.4
530	20	03	58.356	72238	244.2	624.2
531	20	04	00.359	72240	76.2	711.1
532	20	04	02.362	72242	67.4	704.4
533	20	04	04.365	72244	171.7	632.6
534	20	04	06.368	72246	206.7	618.3
535	20	04	08.371	72248	232.5	584.8
536	20	04	10.374	72250	240.5	590.2
537	20	04	12.377	72252	245.0	649.8
538	20	04	14.380	72254	253.8	618.6
539	20	04	16.383	72256	221.7	530.4
540	20	04	18.386	72258	194.0	617.7
541	20	04	20.389	72260	183.8	627.7
542	20	04	22.392	72262	227.8	622.3
543	20	04	24.395	72264	291.2	515.8
544	20	04	26.398	72266	189.7	603.3
545	20	04	28.401	72268	223.2	655.4
546	20	04	30.404	72270	214.7	665.4
547	20	04	32.407	72272	164.4	598.0
548	20	04	34.410	72274	267.6	653.0
549	20	04	36.413	72276	191.7	645.7
550	20	04	38.416	72278	191.7	653.7
551	20	04	40.419	72280	201.3	609.2
552	20	04	42.422	72282	347.2	576.2
553	20	04	44.425	72284	274.9	510.3
554	20	04	46.428	72286	333.6	710.1
555	20	04	48.431	72288	324.0	717.1
556	20	04	50.434	72290	280.0	711.8
557	20	04	52.437	72292	321.2	537.0
558	20	04	54.440	72294	304.9	599.8
559	20	04	56.443	72296	306.0	592.8
560	20	04	58.446	72298	302.6	613.6
561	20	05	00.449	72300	270.3	579.7
562	20	05	02.452	72302	186.9	585.1
563	20	05	04.455	72304	189.6	613.5
564	20	05	06.458	72306	197.7	609.4
565	20	05	08.461	72308	275.5	657.6
566	20	05	10.464	72310	250.6	650.2
567	20	05	12.467	72312	225.7	675.7
568	20	05	14.470	72314	201.1	661.1
569	20	05	16.473	72316	183.4	679.0
570	20	05	18.476	72318	149.0	496.5
571	20	05	20.479	72320	198.0	651.2
572	20	05	22.482	72322	283.3	655.7
573	20	05	24.485	72324	289.7	663.3
574	20	05	26.488	72326	131.8	582.0
575	20	05	28.491	72328	275.9	592.0
576	20	05	30.494	72330	179.9	645.4
577	20	05	32.497	72332	258.7	570.5
578	20	05	34.500	72335	251.6	560.3
579	20	05	36.503	72337	220.0	627.3
580	20	05	38.506	72339	173.6	640.8
581	20	05	40.509	72341	205.3	695.7
582	20	05	42.512	72343	192.9	703.7
583	20	05	44.515	72345	225.4	538.8
584	20	05	46.518	72347	299.6	600.8
585	20	05	48.521	72349	209.9	514.4
586	20	05	50.524	72351	285.1	543.9

587	20	05	52.527	72353	278.5	554.7
588	20	05	54.530	72355	251.6	600.8
589	20	05	56.533	72357	215.7	589.7
590	20	05	58.536	72359	199.1	659.0
591	20	06	00.539	72361	219.0	544.1
592	20	06	02.542	72363	223.1	527.8
593	20	06	04.545	72365	177.7	582.8
594	20	06	06.548	72367	251.2	519.9
595	20	06	08.551	72369	174.0	447.0
596	20	06	10.554	72371	165.0	442.6
597	20	06	12.557	72373	259.3	592.8
598	20	06	14.560	72375	228.2	590.2
599	20	06	16.563	72377	227.5	616.4
600	20	06	18.566	72379	149.2	617.1
601	20	06	20.569	72381	159.3	624.3
602	20	06	22.572	72383	285.3	683.7
603	20	06	24.575	72385	136.6	578.7
604	20	06	26.578	72387	114.5	715.1
605	20	06	28.581	72389	116.6	708.7
606	20	06	30.584	72391	124.9	569.6
607	20	06	32.587	72393	278.7	667.2
608	20	06	34.590	72395	110.3	638.4
609	20	06	36.593	72397	313.9	560.1
610	20	06	38.596	72399	297.0	544.6
611	20	06	40.599	72401	255.4	640.4
612	20	06	42.602	72403	226.6	635.8
613	20	06	44.605	72405	261.7	627.0
614	20	06	46.608	72407	184.9	651.9
615	20	06	48.611	72409	186.4	571.6
616	20	06	50.614	72411	252.6	651.5
617	20	06	52.617	72413	333.3	624.7
618	20	06	54.620	72415	206.2	559.9
619	20	06	56.623	72417	216.3	568.1
620	20	06	58.626	72419	250.0	548.8
621	20	07	00.629	72421	196.2	566.7
622	20	07	02.632	72423	206.5	612.8
623	20	07	04.635	72425	289.8	560.6
624	20	07	06.638	72427	285.7	563.0
625	20	07	08.641	72429	205.6	503.8
626	20	07	10.644	72431	63.2	597.0
627	20	07	12.647	72433	318.5	564.3
628	20	07	14.650	72435	315.4	574.1
629	20	07	16.653	72437	303.1	481.6
630	20	07	18.656	72439	206.9	586.1
631	20	07	20.659	72441	244.7	425.4
632	20	07	22.662	72443	413.8	541.1
633	20	07	24.665	72445	403.6	541.9
634	20	07	26.668	72447	277.1	663.8
635	20	07	28.671	72449	273.4	540.1
636	20	07	30.674	72451	295.6	608.5
637	20	07	32.677	72453	225.0	600.6
638	20	07	34.680	72455	262.5	595.1
639	20	07	36.683	72457	331.5	474.3
640	20	07	38.686	72459	291.7	451.0
641	20	07	40.689	72461	248.1	519.4
642	20	07	42.692	72463	257.4	514.3
643	20	07	44.695	72465	205.0	517.3
644	20	07	46.698	72467	188.6	446.5
645	20	07	48.701	72469	214.3	521.5
646	20	07	50.704	72471	165.4	558.1

647	20	07	52.707	72473	137.4	560.0
648	20	07	54.710	72475	310.9	508.7
649	20	07	56.713	72477	213.5	558.0
650	20	07	58.716	72479	147.5	601.5
651	20	08	00.719	72481	110.9	607.6
652	20	08	02.722	72483	183.3	480.6
653	20	08	04.725	72485	200.8	659.9
654	20	08	06.728	72487	182.8	576.9
655	20	08	08.731	72489	181.5	709.0
656	20	08	10.734	72491	181.5	698.9
657	20	08	12.737	72493	310.9	557.8
658	20	08	14.740	72495	291.1	560.7
659	20	08	16.743	72497	177.0	572.2
660	20	08	18.746	72499	165.4	558.5
661	20	08	20.749	72501	282.7	595.9
662	20	08	22.752	72503	142.7	562.9
663	20	08	24.755	72505	193.4	537.8
664	20	08	26.758	72507	179.9	593.8
665	20	08	28.761	72509	176.8	582.7
666	20	08	30.764	72511	200.7	540.0
667	20	08	32.767	72513	219.8	575.7
668	20	08	34.770	72515	257.5	658.5
669	20	08	36.773	72517	132.2	606.9
670	20	08	38.776	72519	152.7	605.2
671	20	08	40.779	72521	189.7	669.1
672	20	08	42.782	72523	206.7	619.9
673	20	08	44.785	72525	233.8	708.9
674	20	08	46.788	72527	233.9	692.5
675	20	08	48.791	72529	258.7	602.4
676	20	08	50.794	72531	364.1	708.3
677	20	08	52.797	72533	185.4	534.1
678	20	08	54.800	72535	151.5	651.8
679	20	08	56.803	72537	154.2	664.6
680	20	08	58.806	72539	255.2	596.3
681	20	09	00.809	72541	226.3	498.1
682	20	09	02.812	72543	125.9	604.9
683	20	09	04.815	72545	153.1	621.2
684	20	09	06.818	72547	242.6	593.7
685	20	09	08.821	72549	181.5	588.5
686	20	09	10.824	72551	217.3	635.1
687	20	09	12.827	72553	353.8	554.5
688	20	09	14.830	72555	369.6	562.7
689	20	09	16.833	72557	152.2	689.6
690	20	09	18.836	72559	234.4	673.5
691	20	09	20.839	72561	159.6	680.5
692	20	09	22.842	72563	377.4	630.2
693	20	09	24.845	72565	380.0	638.5
694	20	09	26.848	72567	231.0	607.6
695	20	09	28.851	72569	206.8	707.8
696	20	09	30.854	72571	325.8	537.2
697	20	09	32.857	72573	314.4	530.7
698	20	09	34.860	72575	220.7	552.0
699	20	09	36.863	72577	249.9	528.5
700	20	09	38.866	72579	138.7	661.6
701	20	09	40.869	72581	114.5	591.3
702	20	09	42.872	72583	149.9	560.9
703	20	09	44.875	72585	228.4	512.1
704	20	09	46.878	72587	238.4	545.7
705	20	09	48.881	72589	254.7	563.2
706	20	09	50.884	72591	258.3	552.0

707	20	09	52.887	72593	219.8	588.7
708	20	09	54.890	72595	331.6	630.0
709	20	09	56.893	72597	294.3	471.0
710	20	09	58.896	72599	275.7	570.0
711	20	10	00.899	72601	274.0	559.5
712	20	10	02.902	72603	236.2	604.8
713	20	10	04.905	72605	279.0	683.8
714	20	10	06.908	72607	124.9	515.1
715	20	10	08.911	72609	228.9	555.9
716	20	10	10.914	72611	245.3	558.2
717	20	10	12.917	72613	165.5	587.4
718	20	10	14.920	72615	228.7	641.6
719	20	10	16.923	72617	259.8	549.1
720	20	10	18.926	72619	260.3	561.4
721	20	10	20.929	72621	209.3	506.4
722	20	10	22.932	72623	276.9	477.8
723	20	10	24.935	72625	343.7	500.7
724	20	10	26.938	72627	233.5	513.2
725	20	10	28.941	72629	234.0	515.6
726	20	10	30.944	72631	137.7	523.6
727	20	10	32.947	72633	196.1	576.9
728	20	10	34.950	72635	133.7	603.5
729	20	10	36.953	72637	123.9	593.2
730	20	10	38.956	72639	277.3	660.2
731	20	10	40.959	72641	165.3	597.1
732	20	10	42.962	72643	119.2	622.7
733	20	10	44.965	72645	245.8	620.7
734	20	10	46.968	72647	235.7	622.6
735	20	10	48.971	72649	185.6	523.6
736	20	10	50.974	72651	251.1	750.5
737	20	10	52.977	72653	296.4	579.0
738	20	10	54.980	72655	147.5	512.1
739	20	10	56.983	72657	142.3	509.0
740	20	10	58.986	72659	226.3	509.0
741	20	11	00.989	72661	257.9	630.5
742	20	11	02.992	72663	260.2	439.2
743	20	11	04.995	72665	263.8	430.1
744	20	11	06.998	72667	330.7	552.1
745	20	11	09.001	72669	229.6	524.2
746	20	11	11.004	72671	160.4	570.6
747	20	11	13.007	72673	168.8	540.2
748	20	11	15.010	72675	172.9	525.9
749	20	11	17.013	72677	339.9	517.1
750	20	11	19.016	72679	234.2	481.5
751	20	11	21.019	72681	173.8	580.3
752	20	11	23.022	72683	165.1	580.8
753	20	11	25.025	72685	370.3	624.1
754	20	11	27.028	72687	214.8	545.0
755	20	11	29.031	72689	133.2	541.9
756	20	11	31.034	72691	180.4	496.0
757	20	11	33.037	72693	177.2	490.9
758	20	11	35.040	72695	265.5	531.1
759	20	11	37.043	72697	192.9	492.4
760	20	11	39.046	72699	187.0	532.8
761	20	11	41.049	72701	240.7	553.2
762	20	11	43.052	72703	227.1	556.8
763	20	11	45.055	72705	276.3	521.7
764	20	11	47.058	72707	200.1	525.5
765	20	11	49.061	72709	254.3	576.5
766	20	11	51.064	72711	234.3	562.1

767	20	11	53.067	72713	243.2	526.3
768	20	11	55.070	72715	247.0	469.5
769	20	11	57.073	72717	185.4	547.8
770	20	11	59.076	72719	223.1	524.6
771	20	12	01.079	72721	216.6	519.4
772	20	12	03.082	72723	196.4	453.6
773	20	12	05.085	72725	274.9	503.3
774	20	12	07.088	72727	202.0	536.2
775	20	12	09.091	72729	206.0	543.5
776	20	12	11.094	72731	208.5	598.7
777	20	12	13.097	72733	318.8	580.7
778	20	12	15.100	72735	197.5	629.7
779	20	12	17.103	72737	235.1	533.4
780	20	12	19.106	72739	246.8	536.1
781	20	12	21.109	72741	238.7	524.1
782	20	12	23.112	72743	254.4	449.4
783	20	12	25.115	72745	200.9	548.9
784	20	12	27.118	72747	254.0	552.1
785	20	12	29.121	72749	257.7	560.0
786	20	12	31.124	72751	175.4	394.9
787	20	12	33.127	72753	223.7	538.6
788	20	12	35.130	72755	172.2	479.9
789	20	12	37.133	72757	166.0	488.6
790	20	12	39.136	72759	346.3	588.2
791	20	12	41.139	72761	207.4	506.0
792	20	12	43.142	72763	217.9	493.8
793	20	12	45.145	72765	247.0	627.1
794	20	12	47.148	72767	227.7	626.2
795	20	12	49.151	72769	239.7	550.6
796	20	12	51.154	72771	295.8	520.0
797	20	12	53.157	72773	201.6	529.4
798	20	12	55.160	72775	183.3	529.3
799	20	12	57.163	72777	202.5	649.8
800	20	12	59.166	72779	247.3	588.1
801	20	13	01.169	72781	252.8	550.3
802	20	13	03.172	72783	206.7	443.2
803	20	13	05.175	72785	214.8	442.2
804	20	13	07.178	72787	180.2	560.4
805	20	13	09.181	72789	97.0	539.5
806	20	13	11.184	72791	253.4	582.9
807	20	13	13.187	72793	143.8	519.0
808	20	13	15.190	72795	177.7	519.0
809	20	13	17.193	72797	226.0	649.2
810	20	13	19.196	72799	99.1	563.8
811	20	13	21.199	72801	247.4	585.3
812	20	13	23.202	72803	233.6	576.1
813	20	13	25.205	72805	183.7	616.3
814	20	13	27.208	72807	169.0	566.3
815	20	13	29.211	72809	182.1	542.2
816	20	13	31.214	72811	139.4	675.3
817	20	13	33.217	72813	127.8	671.9
818	20	13	35.220	72815	211.9	639.6
819	20	13	37.223	72817	161.2	568.0
820	20	13	39.226	72819	255.1	585.8
821	20	13	41.229	72821	240.6	581.0
822	20	13	43.232	72823	155.5	569.7
823	20	13	45.235	72825	240.3	548.5
824	20	13	47.238	72827	199.1	554.5
825	20	13	49.241	72829	232.1	582.9
826	20	13	51.244	72831	245.0	627.4

827	20	13	53.247	72833	283.8	492.4
828	20	13	55.250	72835	233.8	513.8
829	20	13	57.253	72837	141.1	595.3
830	20	13	59.256	72839	140.6	572.2
831	20	14	01.259	72841	217.4	624.6
832	20	14	03.262	72843	176.9	713.0
833	20	14	05.265	72845	177.3	645.5
834	20	14	07.268	72847	241.7	629.9
835	20	14	09.271	72849	252.0	637.8
836	20	14	11.274	72851	192.1	556.9
837	20	14	13.277	72853	314.4	676.3
838	20	14	15.280	72855	340.4	611.8
839	20	14	17.283	72857	105.8	764.7
840	20	14	19.286	72859	156.3	770.3
841	20	14	21.289	72861	227.6	550.2
842	20	14	23.292	72863	202.2	595.1
843	20	14	25.295	72865	193.7	528.4
844	20	14	27.298	72867	187.9	529.2
845	20	14	29.301	72869	242.9	569.2
846	20	14	31.304	72871	243.2	588.3
847	20	14	33.307	72873	119.9	682.2
848	20	14	35.310	72875	167.6	622.1
849	20	14	37.313	72877	161.1	625.5
850	20	14	39.316	72879	217.6	589.7
851	20	14	41.319	72881	306.0	580.6
852	20	14	43.322	72883	224.9	604.7
853	20	14	45.325	72885	221.4	456.9
854	20	14	47.328	72887	176.6	530.5
855	20	14	49.331	72889	246.5	486.9
856	20	14	51.334	72891	217.4	564.0
857	20	14	53.337	72893	298.7	562.4
858	20	14	55.340	72895	334.1	587.8
859	20	14	57.343	72897	164.5	615.0
860	20	14	59.346	72899	213.7	541.2
861	20	15	01.349	72901	108.6	532.2
862	20	15	03.352	72903	204.7	580.3
863	20	15	05.355	72905	216.7	560.6
864	20	15	07.358	72907	134.7	485.7
865	20	15	09.361	72909	222.8	490.4
866	20	15	11.364	72911	161.1	668.9
867	20	15	13.367	72913	155.9	659.2
868	20	15	15.370	72915	248.4	507.0
869	20	15	17.373	72917	335.9	487.1
870	20	15	19.376	72919	269.5	568.9
871	20	15	21.379	72921	216.9	464.2
872	20	15	23.382	72923	208.8	469.5
873	20	15	25.385	72925	252.1	510.1
874	20	15	27.388	72927	226.8	448.5
875	20	15	29.391	72929	148.8	570.3
876	20	15	31.394	72931	208.5	490.2
877	20	15	33.397	72933	88.0	439.7
878	20	15	35.400	72935	280.4	474.5
879	20	15	37.403	72937	251.0	488.3
880	20	15	39.406	72939	176.5	602.4
881	20	15	41.409	72941	213.3	597.7
882	20	15	43.412	72943	147.7	473.4
883	20	15	45.415	72945	184.6	484.4
884	20	15	47.418	72947	327.6	597.9
885	20	15	49.421	72949	239.7	538.8
886	20	15	51.424	72951	229.6	530.8

887	20	15	53.427	72953	203.0	539.9
888	20	15	55.430	72955	165.3	619.9
889	20	15	57.433	72957	200.9	531.4
890	20	15	59.436	72959	201.6	554.6
891	20	16	01.439	72961	136.2	497.9
892	20	16	03.442	72963	212.7	533.2
893	20	16	05.445	72965	168.4	578.0
894	20	16	07.448	72967	91.9	556.7
895	20	16	09.451	72969	98.1	560.7
896	20	16	11.454	72971	290.1	587.4
897	20	16	13.457	72973	161.4	587.8
898	20	16	15.460	72975	153.5	567.6
899	20	16	17.463	72977	234.6	697.2
900	20	16	19.466	72979	265.1	690.0
901	20	16	21.469	72981	218.2	505.2
902	20	16	23.472	72983	183.8	555.9
903	20	16	25.475	72985	116.2	367.3
904	20	16	27.478	72987	123.7	368.3
905	20	16	29.481	72989	101.9	440.6
906	20	16	31.484	72991	193.9	586.5
907	20	16	33.487	72993	177.6	589.3
908	20	16	35.490	72995	241.8	502.0
909	20	16	37.493	72997	244.6	501.8
910	20	16	39.496	72999	197.1	516.5
911	20	16	41.499	73001	99.5	462.0
912	20	16	43.502	73004	230.3	597.3
913	20	16	45.505	73006	233.1	597.2
914	20	16	47.508	73008	221.8	546.8
915	20	16	49.511	73010	204.8	559.6
916	20	16	51.514	73012	102.2	541.8
917	20	16	53.517	73014	245.7	530.9
918	20	16	55.520	73016	246.8	512.1
919	20	16	57.523	73018	221.7	451.3
920	20	16	59.526	73020	147.9	537.3
921	20	17	01.529	73022	240.4	561.5
922	20	17	03.532	73024	239.1	551.0
923	20	17	05.535	73026	236.9	572.0
924	20	17	07.538	73028	271.6	453.3
925	20	17	09.541	73030	291.0	506.1
926	20	17	11.544	73032	162.3	536.5
927	20	17	13.547	73034	151.5	541.3
928	20	17	15.550	73036	217.8	533.0
929	20	17	17.553	73038	310.2	432.8
930	20	17	19.556	73040	225.2	496.0
931	20	17	21.559	73042	132.5	573.2
932	20	17	23.562	73044	136.3	578.6
933	20	17	25.565	73046	300.8	490.8
934	20	17	27.568	73048	135.5	485.0
935	20	17	29.571	73050	265.4	522.7
936	20	17	31.574	73052	285.8	517.9
937	20	17	33.577	73054	227.5	555.4
938	20	17	35.580	73056	161.6	479.2
939	20	17	37.583	73058	218.4	497.1
940	20	17	39.586	73060	161.2	540.7
941	20	17	41.589	73062	172.1	548.4
942	20	17	43.592	73064	245.9	601.9
943	20	17	45.595	73066	168.8	434.7
944	20	17	47.598	73068	233.1	536.5
945	20	17	49.601	73070	306.8	465.6
946	20	17	51.604	73072	235.0	563.0

947	20	17	53.607	73074	152.3	490.9
948	20	17	55.610	73076	234.0	536.7
949	20	17	57.613	73078	187.9	499.3
950	20	17	59.616	73080	195.5	499.3
951	20	18	01.619	73082	262.7	522.2
952	20	18	03.622	73084	230.5	474.2
953	20	18	05.625	73086	175.7	508.2
954	20	18	07.628	73088	221.1	555.0
955	20	18	09.631	73090	252.6	550.8
956	20	18	11.634	73092	207.9	537.2
957	20	18	13.637	73094	238.8	538.0
958	20	18	15.640	73096	186.9	535.4
959	20	18	17.643	73098	184.8	531.7
960	20	18	19.646	73100	289.4	561.0
961	20	18	21.649	73102	186.3	580.8
962	20	18	23.652	73104	245.1	576.7
963	20	18	25.655	73106	113.9	451.1
964	20	18	27.658	73108	118.1	463.3
965	20	18	29.661	73110	222.8	546.1
966	20	18	31.664	73112	317.4	525.3
967	20	18	33.667	73114	119.1	573.1
968	20	18	35.670	73116	205.9	469.1
969	20	18	37.673	73118	254.6	508.1
970	20	18	39.676	73120	234.7	425.3
971	20	18	41.679	73122	192.6	533.2
972	20	18	43.682	73124	263.4	560.6
973	20	18	45.685	73126	277.8	565.8
974	20	18	47.688	73128	171.0	550.8
975	20	18	49.691	73130	168.4	639.4
976	20	18	51.694	73132	188.8	563.5
977	20	18	53.697	73134	182.1	595.5
978	20	18	55.700	73136	191.1	610.7
979	20	18	57.703	73138	125.3	604.8
980	20	18	59.706	73140	179.4	582.0
981	20	19	01.709	73142	119.7	520.4
982	20	19	03.712	73144	110.1	543.2
983	20	19	05.715	73146	203.0	468.2
984	20	19	07.718	73148	179.9	468.5
985	20	19	09.721	73150	288.0	564.6
986	20	19	11.724	73152	289.3	615.9
987	20	19	13.727	73154	294.3	628.4
988	20	19	15.730	73156	167.0	614.8
989	20	19	17.733	73158	251.1	610.5
990	20	19	19.736	73160	95.8	478.5
991	20	19	21.739	73162	115.1	471.5
992	20	19	23.742	73164	253.7	666.0
993	20	19	25.745	73166	255.6	645.0
994	20	19	27.748	73168	205.8	658.7
995	20	19	29.751	73170	229.3	465.4
996	20	19	31.754	73172	239.8	466.8
997	20	19	33.757	73174	219.6	539.9
998	20	19	35.760	73176	99.0	613.1
999	20	19	37.763	73178	143.9	658.1
1000	20	19	39.766	73180	180.7	581.7
1001	20	19	41.838	73182	180.8	575.6
1002	20	19	43.841	73184	120.4	605.7
1003	20	19	45.844	73186	67.7	632.3
1004	20	19	47.847	73188	166.2	528.2
1005	20	19	49.850	73190	176.4	536.1
1006	20	19	51.853	73192	266.9	531.5

1007	20	19	53.856	73194	98.7	533.6
1008	20	19	55.859	73196	141.9	617.9
1009	20	19	57.862	73198	227.9	646.6
1010	20	19	59.865	73200	229.5	633.9
1011	20	20	01.868	73202	223.1	569.2
1012	20	20	03.871	73204	136.6	516.2
1013	20	20	05.874	73206	214.1	624.4
1014	20	20	07.877	73208	206.0	606.2
1015	20	20	09.880	73210	244.1	583.4
1016	20	20	11.883	73212	202.5	518.6
1017	20	20	13.886	73214	238.1	485.0
1018	20	20	15.889	73216	110.2	618.1
1019	20	20	17.892	73218	115.5	626.6
1020	20	20	19.895	73220	166.7	434.8
1021	20	20	21.898	73222	329.3	532.1
1022	20	20	23.901	73224	170.4	572.2
1023	20	20	25.904	73226	232.9	473.7
1024	20	20	27.907	73228	232.4	474.3
1025	20	20	29.910	73230	204.5	516.3
1026	20	20	31.913	73232	46.6	471.1
1027	20	20	33.916	73234	180.0	485.6
1028	20	20	35.919	73236	169.4	476.4
1029	20	20	37.922	73238	194.8	471.8
1030	20	20	39.925	73240	243.4	484.5
1031	20	20	41.928	73242	308.4	399.0
1032	20	20	43.931	73244	251.5	623.4
1033	20	20	45.934	73246	246.3	610.1
1034	20	20	47.937	73248	177.0	569.1
1035	20	20	49.940	73250	203.9	574.3
1036	20	20	51.943	73252	237.7	657.8
1037	20	20	53.946	73254	246.6	669.4
1038	20	20	55.949	73256	221.2	474.4
1039	20	20	57.952	73258	199.8	590.4
1040	20	20	59.955	73260	96.2	674.2
1041	20	21	01.958	73262	164.9	517.4
1042	20	21	03.961	73264	171.3	533.6
1043	20	21	05.964	73266	315.4	492.9
1044	20	21	07.967	73268	243.2	603.5
1045	20	21	09.970	73270	150.8	534.4
1046	20	21	11.973	73272	231.2	441.8
1047	20	21	13.976	73274	230.0	458.5
1048	20	21	15.979	73276	247.7	643.3
1049	20	21	17.982	73278	242.4	483.0
1050	20	21	19.985	73280	110.2	465.1
1051	20	21	21.988	73282	123.3	465.7
1052	20	21	23.991	73284	205.4	516.9
1053	20	21	25.994	73286	220.5	555.3
1054	20	21	27.997	73288	197.2	494.8
1055	20	21	30.000	73290	137.0	587.2
1056	20	21	32.003	73292	150.4	593.7
1057	20	21	34.006	73294	206.4	594.0
1058	20	21	36.009	73296	96.4	505.7
1059	20	21	38.012	73298	237.5	503.3
1060	20	21	40.015	73300	221.1	519.5
1061	20	21	42.018	73302	247.6	439.2
1062	20	21	44.021	73304	189.7	533.7
1063	20	21	46.024	73306	163.3	599.7
1064	20	21	48.027	73308	190.6	537.1
1065	20	21	50.030	73310	176.2	537.1
1066	20	21	52.033	73312	219.0	458.9

1067	20	21	54.036	73314	299.4	588.5
1068	20	21	56.039	73316	276.9	587.0
1069	20	21	58.042	73318	325.0	540.8
1070	20	22	00.045	73320	320.5	531.0
1071	20	22	02.048	73322	281.9	450.3
1072	20	22	04.051	73324	219.0	557.0
1073	20	22	06.054	73326	310.5	466.4
1074	20	22	08.057	73328	297.2	461.9
1075	20	22	10.060	73330	256.3	539.5
1076	20	22	12.063	73332	252.0	493.9
1077	20	22	14.066	73334	283.6	455.5
1078	20	22	16.069	73336	248.5	515.5
1079	20	22	18.072	73338	258.0	516.6
1080	20	22	20.075	73340	217.4	651.0
1081	20	22	22.078	73342	237.5	570.5
1082	20	22	24.081	73344	204.2	649.8
1083	20	22	26.084	73346	196.9	640.4
1084	20	22	28.087	73348	271.1	490.8
1085	20	22	30.090	73350	194.4	499.5
1086	20	22	32.093	73352	241.7	497.4
1087	20	22	34.096	73354	234.4	473.3
1088	20	22	36.099	73356	226.6	465.4
1089	20	22	38.102	73358	332.2	548.2
1090	20	22	40.105	73360	233.9	496.2
1091	20	22	42.108	73362	311.4	533.9
1092	20	22	44.111	73364	227.0	494.3
1093	20	22	46.114	73366	223.4	502.6
1094	20	22	48.117	73368	138.8	561.8
1095	20	22	50.120	73370	296.8	618.6
1096	20	22	52.123	73372	206.3	526.7
1097	20	22	54.126	73374	207.8	521.5
1098	20	22	56.129	73376	186.4	556.1
1099	20	22	58.132	73378	227.7	441.8
1100	20	23	00.135	73380	217.9	510.3
1101	20	23	02.138	73382	272.9	532.9
1102	20	23	04.141	73384	265.6	526.6
1103	20	23	06.144	73386	180.0	541.2
1104	20	23	08.147	73388	270.0	546.9
1105	20	23	10.150	73390	179.8	428.8
1106	20	23	12.153	73392	180.4	421.8
1107	20	23	14.156	73394	159.6	472.3
1108	20	23	16.159	73396	185.4	515.8
1109	20	23	18.162	73398	229.3	561.4
1110	20	23	20.165	73400	140.9	512.4
1111	20	23	22.168	73402	203.1	528.2
1112	20	23	24.171	73404	160.8	581.6
1113	20	23	26.174	73406	319.8	486.6
1114	20	23	28.177	73408	286.9	606.7
1115	20	23	30.180	73410	311.7	527.0
1116	20	23	32.183	73412	288.1	532.2
1117	20	23	34.186	73414	253.5	539.5
1118	20	23	36.189	73416	117.5	580.9
1119	20	23	38.192	73418	304.1	479.3
1120	20	23	40.195	73420	316.4	495.7
1121	20	23	42.198	73422	246.3	586.0
1122	20	23	44.201	73424	275.6	562.7
1123	20	23	46.204	73426	231.7	592.5
1124	20	23	48.207	73428	318.0	485.3
1125	20	23	50.210	73430	335.3	483.8
1126	20	23	52.213	73432	249.5	615.1

1127	20	23	54.216	73434	128.1	566.8
1128	20	23	56.219	73436	219.7	530.8
1129	20	23	58.222	73438	230.1	520.7
1130	20	24	00.225	73440	201.3	550.1
1131	20	24	02.228	73442	391.0	600.9
1132	20	24	04.231	73444	247.3	484.6
1133	20	24	06.234	73446	160.6	407.8
1134	20	24	08.237	73448	167.9	423.2
1135	20	24	10.240	73450	165.2	484.9
1136	20	24	12.243	73452	186.4	408.3
1137	20	24	14.246	73454	187.8	570.8
1138	20	24	16.249	73456	270.3	515.5
1139	20	24	18.252	73458	259.6	571.4
1140	20	24	20.255	73460	160.1	599.2
1141	20	24	22.258	73462	173.2	593.7
1142	20	24	24.261	73464	307.3	531.4
1143	20	24	26.264	73466	309.7	533.3
1144	20	24	28.267	73468	299.7	564.0
1145	20	24	30.270	73470	121.9	559.6
1146	20	24	32.273	73472	245.1	514.8
1147	20	24	34.276	73474	177.6	624.1
1148	20	24	36.279	73476	189.0	619.4
1149	20	24	38.282	73478	218.1	532.2
1150	20	24	40.285	73480	297.6	521.8
1151	20	24	42.288	73482	274.8	585.8
1152	20	24	44.291	73484	286.5	582.9
1153	20	24	46.294	73486	208.5	583.2
1154	20	24	48.297	73488	170.6	549.5
1155	20	24	50.300	73490	139.1	513.7
1156	20	24	52.303	73492	180.7	643.5
1157	20	24	54.306	73494	164.6	621.6
1158	20	24	56.309	73496	197.9	601.2
1159	20	24	58.312	73498	229.2	591.9
1160	20	25	00.315	73500	237.6	663.7
1161	20	25	02.318	73502	256.1	678.5
1162	20	25	04.321	73504	226.7	588.5
1163	20	25	06.324	73506	299.1	493.8
1164	20	25	08.327	73508	173.1	486.5
1165	20	25	10.330	73510	230.4	486.5
1166	20	25	12.333	73512	233.2	479.5
1167	20	25	14.336	73514	237.5	606.8
1168	20	25	16.339	73516	221.0	741.0
1169	20	25	18.342	73518	191.1	625.6
1170	20	25	20.345	73520	295.2	647.7
1171	20	25	22.348	73522	289.1	653.4
1172	20	25	24.351	73524	239.6	591.3
1173	20	25	26.354	73526	102.8	582.3
1174	20	25	28.357	73528	231.2	549.7
1175	20	25	30.360	73530	193.7	550.8
1176	20	25	32.363	73532	250.7	537.9
1177	20	25	34.366	73534	250.0	559.8
1178	20	25	36.369	73536	247.2	596.2
1179	20	25	38.372	73538	273.0	592.0
1180	20	25	40.375	73540	276.7	590.9
1181	20	25	42.378	73542	183.8	599.3
1182	20	25	44.381	73544	271.8	556.1
1183	20	25	46.384	73546	280.1	581.5
1184	20	25	48.387	73548	270.8	565.2
1185	20	25	50.390	73550	263.9	664.9
1186	20	25	52.393	73552	304.2	579.3

1187	20	25	54.396	73554	274.3	562.8
1188	20	25	56.399	73556	257.2	446.6
1189	20	25	58.402	73558	251.5	434.7
1190	20	26	00.405	73560	157.2	500.2
1191	20	26	02.408	73562	213.0	535.2
1192	20	26	04.411	73564	280.0	507.2
1193	20	26	06.414	73566	257.5	651.0
1194	20	26	08.417	73568	251.1	640.1
1195	20	26	10.420	73570	203.8	486.8
1196	20	26	12.423	73572	178.4	423.7
1197	20	26	14.426	73574	274.7	501.6
1198	20	26	16.429	73576	271.3	509.9
1199	20	26	18.432	73578	224.4	498.8
1200	20	26	20.435	73580	275.4	495.3
1201	20	26	22.438	73582	230.1	593.6
1202	20	26	24.441	73584	234.8	533.5
1203	20	26	26.444	73586	232.0	546.2
1204	20	26	28.447	73588	284.0	550.3
1205	20	26	30.450	73590	180.8	598.5
1206	20	26	32.453	73592	197.6	616.1
1207	20	26	34.456	73594	190.1	609.5
1208	20	26	36.459	73596	187.6	466.0
1209	20	26	38.462	73598	286.7	609.8
1210	20	26	40.465	73600	176.3	620.3
1211	20	26	42.468	73602	203.0	546.6
1212	20	26	44.471	73604	190.6	540.9
1213	20	26	46.474	73606	169.4	498.0
1214	20	26	48.477	73608	210.8	592.5
1215	20	26	50.480	73610	157.4	530.0
1216	20	26	52.483	73612	170.3	620.3
1217	20	26	54.486	73614	185.4	630.0
1218	20	26	56.489	73616	101.9	644.8
1219	20	26	58.492	73618	157.0	563.1
1220	20	27	00.495	73620	287.5	507.1
1221	20	27	02.498	73622	287.4	484.2
1222	20	27	04.501	73625	143.6	609.1
1223	20	27	06.504	73627	209.6	543.5
1224	20	27	08.507	73629	299.4	581.0
1225	20	27	10.510	73631	216.8	698.2
1226	20	27	12.513	73633	216.3	691.6
1227	20	27	14.516	73635	231.4	622.5
1228	20	27	16.519	73637	268.4	560.0
1229	20	27	18.522	73639	102.4	693.2
1230	20	27	20.525	73641	86.8	672.6
1231	20	27	22.528	73643	175.2	709.8
1232	20	27	24.531	73645	109.4	572.7
1233	20	27	26.534	73647	270.2	635.3
1234	20	27	28.537	73649	215.3	584.9
1235	20	27	30.540	73651	215.1	578.5
1236	20	27	32.543	73653	223.0	690.6
1237	20	27	34.546	73655	184.2	568.2
1238	20	27	36.549	73657	169.4	642.6
1239	20	27	38.552	73659	286.4	540.1
1240	20	27	40.555	73661	283.2	536.1
1241	20	27	42.558	73663	336.1	590.4
1242	20	27	44.561	73665	368.8	488.3
1243	20	27	46.564	73667	267.4	558.5
1244	20	27	48.567	73669	260.5	558.8
1245	20	27	50.570	73671	204.0	575.5
1246	20	27	52.573	73673	138.6	521.2

1247	20	27	54.576	73675	277.8	546.1
1248	20	27	56.579	73677	261.2	581.1
1249	20	27	58.582	73679	264.4	569.6
1250	20	28	00.585	73681	196.2	513.9
1251	20	28	02.588	73683	240.5	651.2
1252	20	28	04.591	73685	251.9	556.4
1253	20	28	06.594	73687	288.8	548.5
1254	20	28	08.597	73689	224.1	604.3
1255	20	28	10.600	73691	266.3	556.2
1256	20	28	12.603	73693	244.4	539.3
1257	20	28	14.606	73695	224.3	597.4
1258	20	28	16.609	73697	220.7	591.7
1259	20	28	18.612	73699	207.8	522.6
1260	20	28	20.615	73701	204.7	636.5
1261	20	28	22.618	73703	306.5	685.2
1262	20	28	24.621	73705	272.8	566.6
1263	20	28	26.624	73707	270.7	564.1
1264	20	28	28.627	73709	263.2	546.2
1265	20	28	30.630	73711	274.9	594.0
1266	20	28	32.633	73713	367.2	762.8
1267	20	28	34.636	73715	364.3	751.1
1268	20	28	36.639	73717	215.4	625.5
1269	20	28	38.642	73719	204.3	566.6
1270	20	28	40.645	73721	221.6	545.9
1271	20	28	42.648	73723	275.5	659.4
1272	20	28	44.651	73725	287.7	682.8
1273	20	28	46.654	73727	300.7	550.8
1274	20	28	48.657	73729	337.7	634.7
1275	20	28	50.660	73731	311.9	606.7
1276	20	28	52.663	73733	305.4	606.2
1277	20	28	54.666	73735	268.2	666.5
1278	20	28	56.669	73737	246.2	627.9
1279	20	28	58.672	73739	280.0	630.1
1280	20	29	00.675	73741	224.2	544.1
1281	20	29	02.678	73743	229.2	540.8
1282	20	29	04.681	73745	326.1	590.4
1283	20	29	06.684	73747	256.9	693.3
1284	20	29	08.687	73749	345.8	644.7
1285	20	29	10.690	73751	281.3	681.2
1286	20	29	12.693	73753	281.1	695.5
1287	20	29	14.696	73755	98.6	671.4
1288	20	29	16.699	73757	204.8	580.9
1289	20	29	18.702	73759	254.6	628.9
1290	20	29	20.705	73761	247.7	635.9
1291	20	29	22.708	73763	224.3	636.5
1292	20	29	24.711	73765	271.0	592.2
1293	20	29	26.714	73767	302.8	577.2
1294	20	29	28.717	73769	181.9	443.0
1295	20	29	30.720	73771	168.8	405.5
1296	20	29	32.723	73773	286.0	537.9
1297	20	29	34.726	73775	170.4	547.2
1298	20	29	36.729	73777	219.5	678.5
1299	20	29	38.732	73779	201.2	668.4
1300	20	29	40.735	73781	181.1	536.0
1301	20	29	42.738	73783	262.0	647.4
1302	20	29	44.741	73785	187.4	550.6
1303	20	29	46.744	73787	282.8	531.8
1304	20	29	48.747	73789	270.2	554.7
1305	20	29	50.750	73791	243.3	471.7
1306	20	29	52.753	73793	234.3	535.6

1307	20	29	54.756	73795	278.6	606.0
1308	20	29	56.759	73797	231.4	517.4
1309	20	29	58.762	73799	227.8	515.9
1310	20	30	00.765	73801	211.9	499.8
1311	20	30	02.768	73803	206.2	663.5
1312	20	30	04.771	73805	191.5	528.3
1313	20	30	06.774	73807	206.6	555.4
1314	20	30	08.777	73809	260.8	620.9
1315	20	30	10.780	73811	208.0	506.8
1316	20	30	12.783	73813	216.9	435.5
1317	20	30	14.786	73815	306.2	446.5
1318	20	30	16.789	73817	284.6	440.5
1319	20	30	18.792	73819	174.8	464.7
1320	20	30	20.795	73821	251.2	457.3
1321	20	30	22.798	73823	139.6	519.7
1322	20	30	24.801	73825	140.3	528.7
1323	20	30	26.804	73827	148.1	427.2
1324	20	30	28.807	73829	230.4	544.8
1325	20	30	30.810	73831	143.5	451.9
1326	20	30	32.813	73833	193.3	567.5
1327	20	30	34.816	73835	180.0	552.7
1328	20	30	36.819	73837	163.0	463.0
1329	20	30	38.822	73839	193.6	651.7
1330	20	30	40.825	73841	184.2	615.7
1331	20	30	42.828	73843	194.0	525.9
1332	20	30	44.831	73845	227.5	533.9
1333	20	30	46.834	73847	220.9	640.2
1334	20	30	48.837	73849	172.7	518.1
1335	20	30	50.840	73851	179.6	553.6
1336	20	30	52.843	73853	179.9	536.8
1337	20	30	54.846	73855	300.9	656.1
1338	20	30	56.849	73857	211.7	535.7
1339	20	30	58.852	73859	226.6	555.3
1340	20	31	00.855	73861	250.0	635.2
1341	20	31	02.858	73863	263.7	635.6
1342	20	31	04.861	73865	268.4	605.8
1343	20	31	06.864	73867	289.6	567.3
1344	20	31	08.867	73869	213.0	603.5
1345	20	31	10.870	73871	181.1	607.7
1346	20	31	12.873	73873	221.5	678.3
1347	20	31	14.876	73875	193.3	575.8
1348	20	31	16.879	73877	217.9	707.1
1349	20	31	18.882	73879	250.3	559.1
1350	20	31	20.885	73881	252.7	556.8
1351	20	31	22.888	73883	205.5	553.8
1352	20	31	24.891	73885	265.7	571.2
1353	20	31	26.894	73887	261.6	541.4
1354	20	31	28.897	73889	186.0	509.1
1355	20	31	30.900	73891	185.0	502.4
1356	20	31	32.903	73893	247.5	508.3
1357	20	31	34.906	73895	206.3	559.3
1358	20	31	36.909	73897	261.9	506.5
1359	20	31	38.912	73899	276.0	494.2
1360	20	31	40.915	73901	279.6	539.7
1361	20	31	42.918	73903	251.7	566.9
1362	20	31	44.921	73905	236.8	550.2
1363	20	31	46.924	73907	219.7	536.6
1364	20	31	48.927	73909	214.6	522.6
1365	20	31	50.930	73911	313.0	539.8
1366	20	31	52.933	73913	270.4	489.8

1367	20	31	54.936	73915	213.7	480.3
1368	20	31	56.939	73917	215.5	495.2
1369	20	31	58.942	73919	308.6	560.1
1370	20	32	00.945	73921	225.8	545.1
1371	20	32	02.948	73923	126.5	416.9
1372	20	32	04.951	73925	211.4	472.2
1373	20	32	06.954	73927	197.6	476.1
1374	20	32	08.957	73929	242.2	502.0
1375	20	32	10.960	73931	224.8	515.6
1376	20	32	12.963	73933	235.4	462.5
1377	20	32	14.966	73935	255.8	428.6
1378	20	32	16.969	73937	261.6	424.3
1379	20	32	18.972	73939	241.7	441.0
1380	20	32	20.975	73941	251.9	541.6
1381	20	32	22.978	73943	282.6	441.3
1382	20	32	24.981	73945	278.1	441.4
1383	20	32	26.984	73947	296.6	553.0
1384	20	32	28.987	73949	295.6	438.3
1385	20	32	30.990	73951	203.6	428.9
1386	20	32	32.993	73953	285.9	434.9
1387	20	32	34.996	73955	280.6	428.6
1388	20	32	36.999	73957	217.6	401.5
1389	20	32	39.002	73959	297.6	372.0
1390	20	32	41.005	73961	200.5	467.3
1391	20	32	43.008	73963	188.5	448.6
1392	20	32	45.011	73965	166.3	505.4
1393	20	32	47.014	73967	229.4	498.1
1394	20	32	49.017	73969	198.7	435.9
1395	20	32	51.020	73971	124.0	498.0
1396	20	32	53.023	73973	96.0	481.1
1397	20	32	55.026	73975	176.6	480.8
1398	20	32	57.029	73977	238.9	592.1
1399	20	32	59.032	73979	197.8	457.3
1400	20	33	01.035	73981	85.6	583.0
1401	20	33	03.038	73983	144.0	553.5
1402	20	33	05.041	73985	195.8	421.8
1403	20	33	07.044	73987	153.7	545.8
1404	20	33	09.047	73989	218.5	510.4
1405	20	33	11.050	73991	211.2	501.5
1406	20	33	13.053	73993	137.5	642.0
1407	20	33	15.056	73995	182.8	492.4
1408	20	33	17.059	73997	209.5	504.6
1409	20	33	19.062	73999	123.4	499.9
1410	20	33	21.065	74001	148.2	517.7
1411	20	33	23.068	74003	268.5	557.9
1412	20	33	25.071	74005	155.6	588.7
1413	20	33	27.074	74007	276.5	465.7
1414	20	33	29.077	74009	270.2	458.7
1415	20	33	31.080	74011	119.0	594.7
1416	20	33	33.083	74013	198.3	504.9
1417	20	33	35.086	74015	273.8	552.6
1418	20	33	37.089	74017	245.7	512.3
1419	20	33	39.092	74019	247.5	507.6
1420	20	33	41.095	74021	164.5	588.6
1421	20	33	43.098	74023	210.2	500.4
1422	20	33	45.101	74025	129.1	572.8
1423	20	33	47.104	74027	161.6	591.2
1424	20	33	49.107	74029	228.7	486.0
1425	20	33	51.110	74031	301.0	605.8
1426	20	33	53.113	74033	137.5	493.3

1427	20	33	55.116	74035	199.1	564.3
1428	20	33	57.119	74037	188.0	550.0
1429	20	33	59.122	74039	99.3	454.9
1430	20	34	01.125	74041	208.5	619.5
1431	20	34	03.128	74043	190.3	533.2
1432	20	34	05.131	74045	103.2	512.1
1433	20	34	07.134	74047	112.7	496.1
1434	20	34	09.137	74049	234.5	444.8
1435	20	34	11.140	74051	225.7	442.3
1436	20	34	13.143	74053	246.5	427.5
1437	20	34	15.146	74055	242.9	409.8
1438	20	34	17.149	74057	192.0	449.1
1439	20	34	19.152	74059	235.4	521.8
1440	20	34	21.155	74061	171.9	515.2
1441	20	34	23.158	74063	182.6	478.7
1442	20	34	25.161	74065	178.0	493.2
1443	20	34	27.164	74067	165.7	487.1
1444	20	34	29.167	74069	292.1	457.6
1445	20	34	31.170	74071	186.8	399.9
1446	20	34	33.173	74073	179.6	402.9
1447	20	34	35.176	74075	261.9	428.2
1448	20	34	37.179	74077	317.6	446.8
1449	20	34	39.182	74079	202.2	517.2
1450	20	34	41.185	74081	126.0	396.9
1451	20	34	43.188	74083	132.8	394.2
1452	20	34	45.191	74085	228.3	380.3
1453	20	34	47.194	74087	198.6	347.3
1454	20	34	49.197	74089	242.1	568.3
1455	20	34	51.200	74091	199.1	288.4
1456	20	34	53.203	74093	192.7	281.1
1457	20	34	55.206	74095	239.1	446.3
1458	20	34	57.209	74097	180.0	477.6
1459	20	34	59.212	74099	213.8	438.7
1460	20	35	01.215	74101	214.7	439.5
1461	20	35	03.218	74103	251.0	492.9
1462	20	35	05.221	74105	162.9	487.8
1463	20	35	07.224	74107	166.5	393.8
1464	20	35	09.227	74109	226.4	398.0
1465	20	35	11.230	74111	215.2	394.9
1466	20	35	13.233	74113	251.4	297.8
1467	20	35	15.236	74115	158.1	292.9
1468	20	35	17.239	74117	134.9	480.9
1469	20	35	19.242	74119	141.8	475.9
1470	20	35	21.245	74121	303.6	383.9
1471	20	35	23.248	74123	331.9	505.1
1472	20	35	25.251	74125	277.3	442.6
1473	20	35	27.254	74127	175.5	523.3
1474	20	35	29.257	74129	178.1	527.8
1475	20	35	31.260	74131	165.4	339.2
1476	20	35	33.263	74133	142.6	488.9
1477	20	35	35.266	74135	226.7	531.0
1478	20	35	37.269	74137	213.3	489.5
1479	20	35	39.272	74139	218.6	505.3
1480	20	35	41.275	74141	244.7	447.5
1481	20	35	43.278	74143	205.1	414.3
1482	20	35	45.281	74145	276.8	382.7
1483	20	35	47.284	74147	279.5	380.1
1484	20	35	49.287	74149	180.1	461.1
1485	20	35	51.290	74151	273.0	390.1
1486	20	35	53.293	74153	236.3	449.4

1487	20	35	55.296	74155	248.9	495.7
1488	20	35	57.299	74157	249.9	472.0
1489	20	35	59.302	74159	259.4	402.5
1490	20	36	01.305	74161	274.7	417.6
1491	20	36	03.308	74163	202.6	454.6
1492	20	36	05.311	74165	208.5	456.5
1493	20	36	07.314	74167	122.8	419.7
1494	20	36	09.317	74169	242.3	450.8
1495	20	36	11.320	74171	113.3	461.7
1496	20	36	13.323	74173	210.4	362.5
1497	20	36	15.326	74175	218.3	352.4
1498	20	36	17.329	74177	195.9	552.0
1499	20	36	19.332	74179	321.6	404.5
1500	20	36	21.335	74181	275.7	442.4
1501	20	36	23.338	74183	249.5	444.0
1502	20	36	25.341	74185	272.5	434.9
1503	20	36	27.344	74187	285.5	492.0
1504	20	36	29.347	74189	134.9	330.1
1505	20	36	31.350	74191	182.6	427.1
1506	20	36	33.353	74193	149.4	414.5
1507	20	36	35.356	74195	132.1	460.6
1508	20	36	37.359	74197	255.2	439.5
1509	20	36	39.362	74199	221.3	562.6
1510	20	36	41.365	74201	261.9	533.5
1511	20	36	43.368	74203	264.8	538.4
1512	20	36	45.371	74205	242.1	434.2
1513	20	36	47.374	74207	72.7	418.5
1514	20	36	49.377	74209	168.9	426.8
1515	20	36	51.380	74211	155.5	401.0
1516	20	36	53.383	74213	131.6	395.0
1517	20	36	55.386	74215	202.7	441.2
1518	20	36	57.389	74217	257.8	424.6
1519	20	36	59.392	74219	148.0	469.1
1520	20	37	01.395	74221	152.9	455.6
1521	20	37	03.398	74223	197.5	452.7
1522	20	37	05.401	74225	212.3	452.3
1523	20	37	07.404	74227	223.9	497.8
1524	20	37	09.407	74229	268.8	473.5
1525	20	37	11.410	74231	261.5	473.8
1526	20	37	13.413	74233	217.4	572.2
1527	20	37	15.416	74235	175.0	484.9
1528	20	37	17.419	74237	268.0	489.0
1529	20	37	19.422	74239	263.2	488.4
1530	20	37	21.425	74241	268.2	513.4
1531	20	37	23.428	74243	259.5	483.0
1532	20	37	25.431	74245	253.5	646.8
1533	20	37	27.434	74247	183.5	537.3
1534	20	37	29.437	74249	192.3	537.6
1535	20	37	31.440	74251	190.8	638.4
1536	20	37	33.443	74253	238.3	668.0
1537	20	37	35.446	74255	245.7	537.3
1538	20	37	37.449	74257	263.9	543.0
1539	20	37	39.452	74259	180.6	597.4
1540	20	37	41.455	74261	185.4	448.3
1541	20	37	43.458	74263	164.8	485.3
1542	20	37	45.461	74265	242.1	528.1
1543	20	37	47.464	74267	241.2	524.4
1544	20	37	49.467	74269	357.3	592.7
1545	20	37	51.470	74271	241.9	588.6
1546	20	37	53.473	74273	330.8	516.3

1547	20	37	55.476	74275	179.7	611.3
1548	20	37	57.479	74277	184.4	603.3
1549	20	37	59.482	74279	230.8	521.5
1550	20	38	01.485	74281	228.6	650.5
1551	20	38	03.488	74283	266.8	591.5
1552	20	38	05.491	74285	269.6	585.3
1553	20	38	07.494	74287	253.6	632.3
1554	20	38	09.497	74289	300.0	609.1
1555	20	38	11.500	74292	245.2	552.3
1556	20	38	13.503	74294	264.6	536.5
1557	20	38	15.506	74296	271.9	546.1
1558	20	38	17.509	74298	240.0	484.0
1559	20	38	19.512	74300	165.9	601.1
1560	20	38	21.515	74302	281.1	419.0
1561	20	38	23.518	74304	288.9	426.3
1562	20	38	25.521	74306	257.0	404.5
1563	20	38	27.524	74308	164.3	475.9
1564	20	38	29.527	74310	245.8	420.3
1565	20	38	31.530	74312	270.5	464.0
1566	20	38	33.533	74314	276.9	470.5
1567	20	38	35.536	74316	254.9	513.9
1568	20	38	37.539	74318	251.9	562.3
1569	20	38	39.542	74320	200.8	468.5
1570	20	38	41.545	74322	295.7	507.8
1571	20	38	43.548	74324	302.4	496.2
1572	20	38	45.551	74326	188.2	606.9
1573	20	38	47.554	74328	310.8	488.6
1574	20	38	49.557	74330	261.3	522.5
1575	20	38	51.560	74332	263.4	521.0
1576	20	38	53.563	74334	393.6	517.9
1577	20	38	55.566	74336	321.7	522.4
1578	20	38	57.569	74338	302.0	585.5
1579	20	38	59.572	74340	300.9	592.8
1580	20	39	01.575	74342	311.9	601.9
1581	20	39	03.578	74344	350.4	641.2
1582	20	39	05.581	74346	235.9	546.4
1583	20	39	07.584	74348	272.0	590.9
1584	20	39	09.587	74350	275.2	598.7
1585	20	39	11.590	74352	220.9	473.8
1586	20	39	13.593	74354	260.8	553.4
1587	20	39	15.596	74356	278.2	587.1
1588	20	39	17.599	74358	211.1	557.1
1589	20	39	19.602	74360	233.7	548.7
1590	20	39	21.605	74362	308.2	564.7
1591	20	39	23.608	74364	247.2	636.3
1592	20	39	25.611	74366	256.1	497.6
1593	20	39	27.614	74368	286.0	667.0
1594	20	39	29.617	74370	268.2	657.2
1595	20	39	31.620	74372	271.1	511.0
1596	20	39	33.623	74374	311.3	650.3
1597	20	39	35.626	74376	253.4	540.4
1598	20	39	37.629	74378	247.9	534.8
1599	20	39	39.632	74380	243.5	557.9
1600	20	39	41.635	74382	279.0	577.9
1601	20	39	43.638	74384	160.0	583.1
1602	20	39	45.641	74386	205.9	540.0
1603	20	39	47.644	74388	216.2	530.6
1604	20	39	49.647	74390	257.1	600.2
1605	20	39	51.650	74392	186.9	595.0
1606	20	39	53.653	74394	287.6	622.8

1607	20	39	55.656	74396	278.5	610.5
1608	20	39	57.659	74398	181.3	573.1
1609	20	39	59.662	74400	241.7	478.2
1610	20	40	01.665	74402	244.1	612.4
1611	20	40	03.668	74404	268.1	495.1
1612	20	40	05.671	74406	262.4	504.1
1613	20	40	07.674	74408	288.5	506.5
1614	20	40	09.677	74410	345.8	631.0
1615	20	40	11.680	74412	212.0	594.4
1616	20	40	13.683	74414	262.6	506.7
1617	20	40	15.686	74416	265.9	486.1
1618	20	40	17.689	74418	233.1	612.5
1619	20	40	19.692	74420	304.6	555.1
1620	20	40	21.695	74422	308.5	608.2
1621	20	40	23.698	74424	303.5	605.9
1622	20	40	25.701	74426	198.4	553.5
1623	20	40	27.704	74428	211.2	605.2
1624	20	40	29.707	74430	141.3	544.4
1625	20	40	31.710	74432	200.5	454.9
1626	20	40	33.713	74434	203.9	456.8
1627	20	40	35.716	74436	209.3	589.0
1628	20	40	37.719	74438	265.9	478.1
1629	20	40	39.722	74440	216.6	660.7
1630	20	40	41.725	74442	229.9	658.5
1631	20	40	43.728	74444	140.4	465.5
1632	20	40	45.731	74446	232.0	667.6
1633	20	40	47.734	74448	239.7	536.7
1634	20	40	49.737	74450	255.3	688.3
1635	20	40	51.740	74452	260.1	676.1
1636	20	40	53.743	74454	293.3	549.5
1637	20	40	55.746	74456	339.2	555.9
1638	20	40	57.749	74458	252.5	485.2
1639	20	40	59.752	74460	158.6	598.1
1640	20	41	01.755	74462	169.3	605.4
1641	20	41	03.758	74464	225.8	619.2
1642	20	41	05.761	74466	291.1	583.5
1643	20	41	07.764	74468	335.0	467.4
1644	20	41	09.767	74470	346.2	459.5
1645	20	41	11.770	74472	331.7	594.3
1646	20	41	13.773	74474	295.3	637.3
1647	20	41	15.776	74476	239.9	629.9
1648	20	41	17.779	74478	203.1	622.1
1649	20	41	19.782	74480	191.3	617.7
1650	20	41	21.785	74482	321.7	536.6
1651	20	41	23.788	74484	326.4	632.6
1652	20	41	25.791	74486	279.5	583.3
1653	20	41	27.794	74488	273.7	595.2
1654	20	41	29.797	74490	227.9	599.9
1655	20	41	31.800	74492	311.2	686.9
1656	20	41	33.803	74494	162.2	598.9
1657	20	41	35.806	74496	244.2	664.3
1658	20	41	37.809	74498	236.7	671.3
1659	20	41	39.812	74500	165.3	534.3
1660	20	41	41.815	74502	251.3	667.3
1661	20	41	43.818	74504	296.0	585.6
1662	20	41	45.821	74506	185.6	694.1
1663	20	41	47.824	74508	227.0	607.4
1664	20	41	49.827	74510	314.4	438.8
1665	20	41	51.830	74512	281.1	506.1
1666	20	41	53.833	74514	273.6	636.4

1667	20	41	55.836	74516	260.7	637.2
1668	20	41	57.839	74518	281.4	574.0
1669	20	41	59.842	74520	247.1	539.3
1670	20	42	01.845	74522	182.4	569.2
1671	20	42	03.848	74524	309.6	584.2
1672	20	42	05.851	74526	309.2	562.7
1673	20	42	07.854	74528	219.4	524.2
1674	20	42	09.857	74530	227.4	548.0
1675	20	42	11.860	74532	296.1	582.7
1676	20	42	13.863	74534	299.6	597.9
1677	20	42	15.866	74536	259.7	430.2
1678	20	42	17.869	74538	247.3	593.7
1679	20	42	19.872	74540	401.1	510.4
1680	20	42	21.875	74542	301.0	591.9
1681	20	42	23.878	74544	282.4	585.8
1682	20	42	25.881	74546	225.8	498.6
1683	20	42	27.884	74548	191.2	580.4
1684	20	42	29.887	74550	233.1	597.5
1685	20	42	31.890	74552	234.8	630.7
1686	20	42	33.893	74554	305.0	641.1
1687	20	42	35.896	74556	106.4	572.4
1688	20	42	37.899	74558	180.4	523.4
1689	20	42	39.902	74560	202.1	535.2
1690	20	42	41.905	74562	209.8	561.3
1691	20	42	43.908	74564	295.9	541.4
1692	20	42	45.911	74566	177.1	616.7
1693	20	42	47.914	74568	238.5	594.2
1694	20	42	49.917	74570	223.9	596.0
1695	20	42	51.920	74572	222.4	615.3
1696	20	42	53.923	74574	263.7	556.9
1697	20	42	55.926	74576	207.4	604.4
1698	20	42	57.929	74578	272.2	550.3
1699	20	42	59.932	74580	261.3	542.2
1700	20	43	01.935	74582	306.8	483.3
1701	20	43	03.938	74584	242.5	351.1
1702	20	43	05.941	74586	112.2	498.9
1703	20	43	07.944	74588	118.8	525.6
1704	20	43	09.947	74590	116.3	532.9
1705	20	43	11.950	74592	223.2	506.5
1706	20	43	13.953	74594	250.6	469.7
1707	20	43	15.956	74596	251.8	423.9
1708	20	43	17.959	74598	247.7	421.9
1709	20	43	19.962	74600	122.2	387.7
1710	20	43	21.965	74602	176.7	534.8
1711	20	43	23.968	74604	258.7	535.0
1712	20	43	25.971	74606	203.0	601.9
1713	20	43	27.974	74608	198.5	599.5
1714	20	43	29.977	74610	262.5	367.0
1715	20	43	31.980	74612	216.7	461.6
1716	20	43	33.983	74614	227.8	538.3
1717	20	43	35.986	74616	176.4	510.5
1718	20	43	37.989	74618	182.8	497.3
1719	20	43	39.992	74620	326.1	450.9
1720	20	43	41.995	74622	299.8	453.7
1721	20	43	43.998	74624	266.8	574.0
1722	20	43	46.001	74626	267.7	567.1
1723	20	43	48.004	74628	254.5	554.4
1724	20	43	50.007	74630	261.0	438.0
1725	20	43	52.010	74632	308.7	427.8
1726	20	43	54.013	74634	282.2	404.3

1727	20	43	56.016	74636	292.5	402.5
1728	20	43	58.019	74638	361.5	520.5
1729	20	44	00.022	74640	222.8	461.8
1730	20	44	02.025	74642	170.2	553.3
1731	20	44	04.028	74644	162.6	514.0
1732	20	44	06.031	74646	276.2	522.1
1733	20	44	08.034	74648	188.2	555.5
1734	20	44	10.037	74650	192.6	567.9
1735	20	44	12.040	74652	188.3	538.3
1736	20	44	14.043	74654	178.6	556.3
1737	20	44	16.046	74656	256.5	488.8
1738	20	44	18.049	74658	246.0	521.2
1739	20	44	20.052	74660	142.3	528.0
1740	20	44	22.055	74662	177.0	452.5
1741	20	44	24.058	74664	173.9	452.0
1742	20	44	26.061	74666	218.8	429.7
1743	20	44	28.064	74668	164.0	535.3
1744	20	44	30.067	74670	236.2	646.7
1745	20	44	32.070	74672	250.0	657.5
1746	20	44	34.073	74674	211.4	515.9
1747	20	44	36.076	74676	268.3	490.1
1748	20	44	38.079	74678	321.1	537.5
1749	20	44	40.082	74680	250.2	487.4
1750	20	44	42.085	74682	242.2	482.5
1751	20	44	44.088	74684	267.0	666.1
1752	20	44	46.091	74686	223.4	580.4
1753	20	44	48.094	74688	259.5	476.3
1754	20	44	50.097	74690	226.1	474.7
1755	20	44	52.100	74692	180.3	625.5
1756	20	44	54.103	74694	151.6	622.1
1757	20	44	56.106	74696	157.4	587.3
1758	20	44	58.109	74698	276.9	574.6
1759	20	45	00.112	74700	264.3	572.9
1760	20	45	02.115	74702	100.4	648.2
1761	20	45	04.118	74704	216.1	569.6
1762	20	45	06.121	74706	189.5	589.0
1763	20	45	08.124	74708	261.3	643.0
1764	20	45	10.127	74710	250.8	639.9
1765	20	45	12.130	74712	298.2	524.1
1766	20	45	14.133	74714	189.2	509.0
1767	20	45	16.136	74716	178.4	591.0
1768	20	45	18.139	74718	172.3	578.9
1769	20	45	20.142	74720	94.3	511.8
1770	20	45	22.145	74722	131.7	624.8
1771	20	45	24.148	74724	286.3	580.1
1772	20	45	26.151	74726	238.7	605.3
1773	20	45	28.154	74728	245.7	606.1
1774	20	45	30.157	74730	364.3	539.8
1775	20	45	32.160	74732	252.4	626.8
1776	20	45	34.163	74734	157.9	503.9
1777	20	45	36.166	74736	169.6	513.4
1778	20	45	38.169	74738	264.2	681.9
1779	20	45	40.172	74740	242.0	639.7
1780	20	45	42.175	74742	308.0	584.7
1781	20	45	44.178	74744	270.3	639.5
1782	20	45	46.181	74746	272.9	641.8
1783	20	45	48.184	74748	169.8	563.1
1784	20	45	50.187	74750	310.7	640.5
1785	20	45	52.190	74752	251.3	571.2
1786	20	45	54.193	74754	77.3	645.2

1787	20	45	56.196	74756	77.7	641.4
1788	20	45	58.199	74758	304.4	602.7
1789	20	46	00.202	74760	259.0	535.7
1790	20	46	02.205	74762	173.8	602.5
1791	20	46	04.208	74764	173.1	582.5
1792	20	46	06.211	74766	204.4	562.3
1793	20	46	08.214	74768	262.0	612.0
1794	20	46	10.217	74770	326.8	618.7
1795	20	46	12.220	74772	301.8	511.0
1796	20	46	14.223	74774	299.1	495.8
1797	20	46	16.226	74776	224.0	627.9
1798	20	46	18.229	74778	298.7	719.2
1799	20	46	20.232	74780	176.4	563.2
1800	20	46	22.235	74782	184.1	567.2
1801	20	46	24.238	74784	214.1	599.3
1802	20	46	26.241	74786	151.2	560.0
1803	20	46	28.244	74788	296.8	581.3
1804	20	46	30.247	74790	268.2	534.6
1805	20	46	32.250	74792	259.7	533.5
1806	20	46	34.253	74794	245.7	505.2
1807	20	46	36.256	74796	251.2	561.7
1808	20	46	38.259	74798	260.1	541.6
1809	20	46	40.262	74800	195.1	586.1
1810	20	46	42.265	74802	194.8	593.0
1811	20	46	44.268	74804	207.8	634.0
1812	20	46	46.271	74806	270.5	533.3
1813	20	46	48.274	74808	291.0	559.3
1814	20	46	50.277	74810	301.0	582.6
1815	20	46	52.280	74812	306.1	560.2
1816	20	46	54.283	74814	322.2	590.5
1817	20	46	56.286	74816	285.5	619.3
1818	20	46	58.289	74818	161.1	537.1
1819	20	47	00.292	74820	158.3	522.2
1820	20	47	02.295	74822	217.0	508.4
1821	20	47	04.298	74824	233.7	538.5
1822	20	47	06.301	74826	296.6	506.4
1823	20	47	08.304	74828	286.2	515.5
1824	20	47	10.307	74830	302.6	631.1
1825	20	47	12.310	74832	206.4	518.7
1826	20	47	14.313	74834	275.4	463.2
1827	20	47	16.316	74836	244.6	531.4
1828	20	47	18.319	74838	251.4	528.8
1829	20	47	20.322	74840	206.3	510.3
1830	20	47	22.325	74842	287.7	520.7
1831	20	47	24.328	74844	255.6	601.0
1832	20	47	26.331	74846	193.9	534.2
1833	20	47	28.334	74848	209.9	552.3
1834	20	47	30.337	74850	181.0	550.3
1835	20	47	32.340	74852	275.8	485.5
1836	20	47	34.343	74854	206.9	523.4
1837	20	47	36.346	74856	198.3	522.5
1838	20	47	38.349	74858	228.9	408.5
1839	20	47	40.352	74860	213.4	535.0
1840	20	47	42.355	74862	294.9	424.7
1841	20	47	44.358	74864	249.6	556.8
1842	20	47	46.361	74866	242.5	569.5
1843	20	47	48.364	74868	221.6	509.6
1844	20	47	50.367	74870	327.2	475.1
1845	20	47	52.370	74872	288.1	511.8
1846	20	47	54.373	74874	292.5	517.5

1847	20	47	56.376	74876	215.7	617.5
1848	20	47	58.379	74878	318.6	529.3
1849	20	48	00.382	74880	181.6	493.0
1850	20	48	02.385	74882	245.2	537.0
1851	20	48	04.388	74884	253.4	530.6
1852	20	48	06.391	74886	168.7	494.2
1853	20	48	08.394	74888	303.9	574.3
1854	20	48	10.397	74890	307.6	642.8
1855	20	48	12.400	74892	212.7	587.8
1856	20	48	14.403	74894	240.5	609.2
1857	20	48	16.406	74896	189.5	561.6
1858	20	48	18.409	74898	248.6	607.3
1859	20	48	20.412	74900	206.3	554.7
1860	20	48	22.415	74902	200.6	552.7
1861	20	48	24.418	74904	264.8	644.6
1862	20	48	26.421	74906	313.6	552.6
1863	20	48	28.424	74908	296.7	613.9
1864	20	48	30.427	74910	305.6	515.4
1865	20	48	32.430	74912	305.6	518.4
1866	20	48	34.433	74914	349.5	655.5
1867	20	48	36.436	74916	246.4	469.0
1868	20	48	38.439	74918	343.9	512.7
1869	20	48	40.442	74920	317.9	523.4
1870	20	48	42.445	74922	295.0	496.6
1871	20	48	44.448	74924	148.3	700.1
1872	20	48	46.451	74926	266.1	528.7
1873	20	48	48.454	74928	160.4	465.5
1874	20	48	50.457	74930	147.2	456.6
1875	20	48	52.460	74932	277.0	597.0
1876	20	48	54.463	74934	228.1	430.2
1877	20	48	56.466	74936	350.6	479.9
1878	20	48	58.469	74938	203.3	457.4
1879	20	49	00.472	74940	211.4	469.2
1880	20	49	02.475	74942	304.4	513.6
1881	20	49	04.478	74944	266.0	505.3
1882	20	49	06.481	74946	351.3	557.9
1883	20	49	08.484	74948	338.0	558.3
1884	20	49	10.487	74950	374.5	450.3
1885	20	49	12.490	74952	347.2	504.7
1886	20	49	14.493	74954	369.5	553.2
1887	20	49	16.496	74956	368.6	570.3
1888	20	49	18.499	74958	386.7	573.7
1889	20	49	20.502	74961	340.2	401.9
1890	20	49	22.505	74963	307.2	568.2
1891	20	49	24.508	74965	358.2	555.2
1892	20	49	26.511	74967	358.9	544.8
1893	20	49	28.514	74969	363.8	452.9
1894	20	49	30.517	74971	375.3	523.4
1895	20	49	32.520	74973	329.9	516.2
1896	20	49	34.523	74975	332.0	468.2
1897	20	49	36.526	74977	337.3	479.4
1898	20	49	38.529	74979	312.8	594.1
1899	20	49	40.532	74981	231.6	636.6
1900	20	49	42.535	74983	321.0	499.8
1901	20	49	44.538	74985	289.8	615.1
1902	20	49	46.541	74987	272.4	613.1
1903	20	49	48.544	74989	266.1	501.8
1904	20	49	50.547	74991	321.3	479.1
1905	20	49	52.550	74993	265.6	557.8
1906	20	49	54.553	74995	257.8	563.5

1907	20	49	56.556	74997	325.9	568.7
1908	20	49	58.559	74999	391.6	512.4
1909	20	50	00.562	75001	294.8	540.0
1910	20	50	02.565	75003	330.4	477.8
1911	20	50	04.568	75005	314.7	491.5
1912	20	50	06.571	75007	324.1	546.1
1913	20	50	08.574	75009	271.9	467.2
1914	20	50	10.577	75011	328.9	462.5
1915	20	50	12.580	75013	339.9	443.8
1916	20	50	14.583	75015	350.9	672.0
1917	20	50	16.586	75017	300.6	568.8
1918	20	50	18.589	75019	343.7	512.5
1919	20	50	20.592	75021	333.9	573.1
1920	20	50	22.595	75023	334.5	577.1
1921	20	50	24.598	75025	416.0	520.0
1922	20	50	26.601	75027	292.4	485.4
1923	20	50	28.604	75029	338.6	516.6
1924	20	50	30.607	75031	223.7	540.3
1925	20	50	32.610	75033	225.4	548.1
1926	20	50	34.613	75035	360.7	642.3
1927	20	50	36.616	75037	339.9	559.9
1928	20	50	38.619	75039	300.0	533.0
1929	20	50	40.622	75041	290.7	534.1
1930	20	50	42.625	75043	347.0	510.3
1931	20	50	44.628	75045	340.4	617.5
1932	20	50	46.631	75047	385.9	542.7
1933	20	50	48.634	75049	299.4	603.7
1934	20	50	50.637	75051	308.8	606.5
1935	20	50	52.640	75053	384.9	463.2
1936	20	50	54.643	75055	439.7	539.8
1937	20	50	56.646	75057	281.1	589.0
1938	20	50	58.649	75059	302.6	587.2
1939	20	51	00.652	75061	388.6	465.6
1940	20	51	02.655	75063	230.7	482.5
1941	20	51	04.658	75065	292.6	432.7
1942	20	51	06.661	75067	443.8	395.7
1943	20	51	08.664	75069	438.8	388.6
1944	20	51	10.667	75071	349.7	463.1
1945	20	51	12.670	75073	337.6	495.1
1946	20	51	14.673	75075	365.5	494.3
1947	20	51	16.676	75077	372.7	559.5
1948	20	51	18.679	75079	367.0	528.7
1949	20	51	20.682	75081	431.8	440.1
1950	20	51	22.685	75083	352.7	487.4
1951	20	51	24.688	75085	370.4	703.0
1952	20	51	26.691	75087	391.2	681.0
1953	20	51	28.694	75089	397.7	590.1
1954	20	51	30.697	75091	345.4	528.5
1955	20	51	32.700	75093	374.9	532.4
1956	20	51	34.703	75095	427.9	475.3
1957	20	51	36.706	75097	431.1	477.8
1958	20	51	38.709	75099	312.9	554.0
1959	20	51	40.712	75101	387.3	610.2
1960	20	51	42.715	75103	335.2	489.6
1961	20	51	44.718	75105	354.3	487.4
1962	20	51	46.721	75107	300.0	565.7
1963	20	51	48.724	75109	356.6	489.3
1964	20	51	50.727	75111	295.1	561.8
1965	20	51	52.730	75113	356.1	574.6
1966	20	51	54.733	75115	346.8	555.1

1967	20	51	56.736	75117	342.8	480.6
1968	20	51	58.739	75119	370.5	559.9
1969	20	52	00.742	75121	272.6	534.6
1970	20	52	02.745	75123	339.8	516.4
1971	20	52	04.748	75125	384.3	609.2
1972	20	52	06.751	75127	529.7	631.7
1973	20	52	08.754	75129	318.2	470.7
1974	20	52	10.757	75131	284.6	562.9
1975	20	52	12.760	75133	275.4	560.1
1976	20	52	14.763	75135	360.6	612.0
1977	20	52	16.766	75137	256.8	548.4
1978	20	52	18.769	75139	329.1	502.2
1979	20	52	20.772	75141	292.3	594.7
1980	20	52	22.775	75143	294.0	600.7
1981	20	52	24.778	75145	437.4	613.2
1982	20	52	26.781	75147	405.3	571.9
1983	20	52	28.784	75149	348.3	578.7
1984	20	52	30.787	75151	350.6	604.0
1985	20	52	32.790	75153	399.3	558.8
1986	20	52	34.793	75155	452.6	594.5
1987	20	52	36.796	75157	290.8	589.3
1988	20	52	38.799	75159	328.6	578.2
1989	20	52	40.802	75161	329.1	592.2
1990	20	52	42.805	75163	387.9	481.8
1991	20	52	44.808	75165	505.1	513.7
1992	20	52	46.811	75167	290.2	584.1
1993	20	52	48.814	75169	467.1	696.3
1994	20	52	50.817	75171	399.1	659.0
1995	20	52	52.820	75173	371.3	480.8
1996	20	52	54.823	75175	326.2	523.1
1997	20	52	56.826	75177	416.2	563.6
1998	20	52	58.829	75179	429.7	560.0
1999	20	53	00.832	75181	392.2	573.7
2000	20	53	02.835	75183	253.0	566.0
2001	20	53	04.838	75185	358.7	597.9
2002	20	53	06.841	75187	370.4	471.7
2003	20	53	08.844	75189	392.8	468.9
2004	20	53	10.847	75191	357.8	442.0
2005	20	53	12.850	75193	393.2	633.6
2006	20	53	14.853	75195	482.7	477.4
2007	20	53	16.856	75197	477.4	454.3
2008	20	53	18.859	75199	420.2	544.5
2009	20	53	20.862	75201	330.0	504.9
2010	20	53	22.865	75203	337.1	447.0
2011	20	53	24.868	75205	414.2	489.0
2012	20	53	26.871	75207	418.4	493.3
2013	20	53	28.874	75209	383.1	499.2
2014	20	53	30.877	75211	438.4	575.9
2015	20	53	32.880	75213	327.2	520.8
2016	20	53	34.883	75215	329.6	526.1
2017	20	53	36.886	75217	236.6	603.6
2018	20	53	38.889	75219	409.4	512.0
2019	20	53	40.892	75221	471.1	572.2
2020	20	53	42.895	75223	348.1	597.9
2021	20	53	44.898	75225	341.5	591.2
2022	20	53	46.901	75227	357.4	635.0
2023	20	53	48.904	75229	384.6	547.0
2024	20	53	50.907	75231	433.7	563.1
2025	20	53	52.910	75233	381.8	546.8
2026	20	53	54.913	75235	369.2	559.1

2027	20	53	56.916	75237	396.1	524.0
2028	20	53	58.919	75239	271.3	461.0
2029	20	54	00.922	75241	439.5	559.2
2030	20	54	02.925	75243	441.0	570.2
2031	20	54	04.928	75245	355.5	571.6
2032	20	54	06.931	75247	456.0	463.1
2033	20	54	08.934	75249	389.9	542.7
2034	20	54	10.937	75251	364.6	458.3
2035	20	54	12.940	75253	354.5	463.0
2036	20	54	14.943	75255	282.0	545.8
2037	20	54	16.946	75257	379.5	591.2
2038	20	54	18.949	75259	316.9	516.0
2039	20	54	20.952	75261	336.1	521.1
2040	20	54	22.955	75263	274.4	469.8
2041	20	54	24.958	75265	367.4	490.4
2042	20	54	26.961	75267	406.4	539.7
2043	20	54	28.964	75269	306.9	557.3
2044	20	54	30.967	75271	312.7	573.1
2045	20	54	32.970	75273	494.7	547.4
2046	20	54	34.973	75275	416.4	476.1
2047	20	54	36.976	75277	419.2	512.9
2048	20	54	38.979	75279	348.5	446.4
2049	20	54	40.982	75281	353.5	459.5
2050	20	54	42.985	75283	281.4	546.0
2051	20	54	44.988	75285	387.7	549.2
2052	20	54	46.991	75287	316.6	465.5
2053	20	54	48.994	75289	318.6	455.0
2054	20	54	50.997	75291	246.1	445.5
2055	20	54	53.000	75293	336.1	636.1
2056	20	54	55.003	75295	413.0	529.4
2057	20	54	57.006	75297	338.4	459.8
2058	20	54	59.009	75299	316.8	478.0
2059	20	55	01.012	75301	338.7	417.7
2060	20	55	03.015	75303	266.9	552.3
2061	20	55	05.018	75305	278.5	452.9
2062	20	55	07.021	75307	268.2	440.1
2063	20	55	09.024	75309	414.7	532.2
2064	20	55	11.027	75311	345.5	608.1
2065	20	55	13.030	75313	249.6	537.1
2066	20	55	15.033	75315	362.3	515.1
2067	20	55	17.036	75317	350.5	497.9
2068	20	55	19.039	75319	399.8	525.2
2069	20	55	21.042	75321	300.3	443.9
2070	20	55	23.045	75323	361.0	491.0
2071	20	55	25.048	75325	316.1	516.0
2072	20	55	27.051	75327	331.0	523.4
2073	20	55	29.054	75329	282.0	571.7
2074	20	55	31.057	75331	274.7	566.5
2075	20	55	33.060	75333	345.0	529.1
2076	20	55	35.063	75335	337.6	528.6
2077	20	55	37.066	75337	276.1	556.3
2078	20	55	39.069	75339	315.4	525.5
2079	20	55	41.072	75341	372.7	555.1
2080	20	55	43.075	75343	438.2	574.5
2081	20	55	45.078	75345	418.4	570.5
2082	20	55	47.081	75347	434.2	613.9
2083	20	55	49.084	75349	287.7	591.7
2084	20	55	51.087	75351	308.6	570.7
2085	20	55	53.090	75353	310.7	585.4
2086	20	55	55.093	75355	199.8	440.9

2087	20	55	57.096	75357	242.8	655.8
2088	20	55	59.099	75359	230.0	556.5
2089	20	56	01.102	75361	281.8	575.4
2090	20	56	03.105	75363	291.3	580.1
2091	20	56	05.108	75365	303.0	529.4
2092	20	56	07.111	75367	298.2	624.0
2093	20	56	09.114	75369	295.6	555.9
2094	20	56	11.117	75371	357.9	513.9
2095	20	56	13.120	75373	353.9	511.5
2096	20	56	15.123	75375	263.8	529.2
2097	20	56	17.126	75377	304.8	546.4
2098	20	56	19.129	75379	282.3	588.3
2099	20	56	21.132	75381	278.7	580.0
2100	20	56	23.135	75383	372.6	710.8
2101	20	56	25.138	75385	321.1	534.6
2102	20	56	27.141	75387	349.2	602.5
2103	20	56	29.144	75389	376.7	590.0
2104	20	56	31.147	75391	379.8	606.9
2105	20	56	33.150	75393	296.4	510.3
2106	20	56	35.153	75395	367.4	607.2
2107	20	56	37.156	75397	315.0	629.2
2108	20	56	39.159	75399	305.7	634.8
2109	20	56	41.162	75401	323.1	450.9
2110	20	56	43.165	75403	234.6	521.8
2111	20	56	45.168	75405	270.8	596.3
2112	20	56	47.171	75407	214.6	558.8
2113	20	56	49.174	75409	226.6	554.4
2114	20	56	51.177	75411	397.8	571.5
2115	20	56	53.180	75413	338.1	506.5
2116	20	56	55.183	75415	309.6	573.7
2117	20	56	57.186	75417	288.9	528.7
2118	20	56	59.189	75419	280.2	519.5
2119	20	57	01.192	75421	380.5	486.2
2120	20	57	03.195	75423	439.1	565.4
2121	20	57	05.198	75425	322.4	518.3
2122	20	57	07.201	75427	332.1	523.4
2123	20	57	09.204	75429	375.5	617.4
2124	20	57	11.207	75431	359.3	533.2
2125	20	57	13.210	75433	388.2	479.5
2126	20	57	15.213	75435	383.2	553.6
2127	20	57	17.216	75437	393.2	546.7
2128	20	57	19.219	75439	280.7	582.8
2129	20	57	21.222	75441	274.0	526.3
2130	20	57	23.225	75443	273.6	472.4
2131	20	57	25.228	75445	277.6	476.0
2132	20	57	27.231	75447	380.1	429.2
2133	20	57	29.234	75449	363.1	592.0
2134	20	57	31.237	75451	292.2	547.8
2135	20	57	33.240	75453	375.7	538.1
2136	20	57	35.243	75455	370.1	533.5
2137	20	57	37.246	75457	294.8	472.9
2138	20	57	39.249	75459	304.8	532.5
2139	20	57	41.252	75461	216.1	655.7
2140	20	57	43.255	75463	211.2	588.8
2141	20	57	45.258	75465	347.0	442.1
2142	20	57	47.261	75467	297.5	510.4
2143	20	57	49.264	75469	337.8	518.3
2144	20	57	51.267	75471	251.0	614.9
2145	20	57	53.270	75473	244.6	620.2
2146	20	57	55.273	75475	253.2	481.3

2147	20	57	57.276	75477	299.7	633.2
2148	20	57	59.279	75479	309.3	476.6
2149	20	58	01.282	75481	276.6	483.2
2150	20	58	03.285	75483	280.4	475.8
2151	20	58	05.288	75485	275.7	470.5
2152	20	58	07.291	75487	342.3	515.9
2153	20	58	09.294	75489	335.8	468.1
2154	20	58	11.297	75491	331.9	479.2
2155	20	58	13.300	75493	398.3	596.6
2156	20	58	15.303	75495	331.5	669.0
2157	20	58	17.306	75497	312.2	465.3
2158	20	58	19.309	75499	338.2	523.1
2159	20	58	21.312	75501	334.3	519.2
2160	20	58	23.315	75503	309.1	551.1
2161	20	58	25.318	75505	396.5	594.4
2162	20	58	27.321	75507	263.3	548.2
2163	20	58	29.324	75509	336.2	585.1
2164	20	58	31.327	75511	342.3	599.7
2165	20	58	33.330	75513	367.8	483.7
2166	20	58	35.333	75515	268.7	537.9
2167	20	58	37.336	75517	287.0	564.8
2168	20	58	39.339	75519	296.5	562.7
2169	20	58	41.342	75521	371.6	622.4
2170	20	58	43.345	75523	276.8	555.7
2171	20	58	45.348	75525	282.6	562.8
2172	20	58	47.351	75527	273.0	564.4
2173	20	58	49.354	75529	280.5	579.1
2174	20	58	51.357	75531	310.6	596.7
2175	20	58	53.360	75533	253.1	580.2
2176	20	58	55.363	75535	311.6	604.6
2177	20	58	57.366	75537	313.7	588.7
2178	20	58	59.369	75539	231.9	640.1
2179	20	59	01.372	75541	268.6	555.2
2180	20	59	03.375	75543	336.9	578.3
2181	20	59	05.378	75545	256.2	550.0
2182	20	59	07.381	75547	234.5	541.4
2183	20	59	09.384	75549	309.1	501.5
2184	20	59	11.387	75551	320.6	512.6
2185	20	59	13.390	75553	304.1	506.3
2186	20	59	15.393	75555	309.1	536.2
2187	20	59	17.396	75557	306.7	610.0
2188	20	59	19.399	75559	391.7	591.8
2189	20	59	21.402	75561	262.6	552.6
2190	20	59	23.405	75563	264.8	521.4
2191	20	59	25.408	75565	270.5	526.9
2192	20	59	27.411	75567	387.4	580.1
2193	20	59	29.414	75569	357.5	763.2
2194	20	59	31.417	75571	385.1	405.4
2195	20	59	33.420	75573	316.3	583.3
2196	20	59	35.423	75575	324.2	576.4
2197	20	59	37.426	75577	383.0	536.2
2198	20	59	39.429	75579	377.9	614.0
2199	20	59	41.432	75581	296.0	552.8
2200	20	59	43.435	75583	298.0	557.2
2201	20	59	45.438	75585	340.0	564.6
2202	20	59	47.441	75587	321.2	568.0
2203	20	59	49.444	75589	344.8	601.4
2204	20	59	51.447	75591	322.5	443.7
2205	20	59	53.450	75593	324.9	438.3
2206	20	59	55.453	75595	275.7	526.3

2207	20	59	57.456	75597	362.5	528.7
2208	20	59	59.459	75599	391.1	630.8
2209	21	00	01.462	75601	396.6	578.9
2210	21	00	03.465	75603	362.6	564.5
2211	21	00	05.468	75605	294.1	634.3
2212	21	00	07.471	75607	390.6	570.5
2213	21	00	09.474	75609	381.1	513.3
2214	21	00	11.477	75611	371.9	504.1
2215	21	00	13.480	75613	234.1	513.7
2216	21	00	15.483	75615	404.8	635.0
2217	21	00	17.486	75617	395.7	607.9
2218	21	00	19.489	75619	309.1	514.6
2219	21	00	21.492	75621	316.0	518.3
2220	21	00	23.495	75623	258.2	482.7
2221	21	00	25.498	75625	234.6	614.2
2222	21	00	27.501	75628	295.7	505.9
2223	21	00	29.504	75630	289.5	505.8
2224	21	00	31.507	75632	313.1	533.6
2225	21	00	33.510	75634	401.3	483.6
2226	21	00	35.513	75636	368.9	569.7
2227	21	00	37.516	75638	318.4	457.3
2228	21	00	39.519	75640	318.7	462.9
2229	21	00	41.522	75642	450.6	648.6
2230	21	00	43.525	75644	302.9	623.9
2231	21	00	45.528	75646	399.3	528.2
2232	21	00	47.531	75648	401.8	569.5
2233	21	00	49.534	75650	431.4	514.5
2234	21	00	51.537	75652	379.4	423.8
2235	21	00	53.540	75654	376.7	629.7
2236	21	00	55.543	75656	385.5	598.5
2237	21	00	57.546	75658	385.0	593.4
2238	21	00	59.549	75660	488.2	681.9
2239	21	01	01.552	75662	370.6	523.0
2240	21	01	03.555	75664	342.7	608.2
2241	21	01	05.558	75666	373.8	495.6
2242	21	01	07.561	75668	376.0	488.2
2243	21	01	09.564	75670	438.2	428.3
2244	21	01	11.567	75672	489.0	454.9
2245	21	01	13.570	75674	370.8	628.9
2246	21	01	15.573	75676	366.5	622.3
2247	21	01	17.576	75678	251.0	651.9
2248	21	01	19.579	75680	344.5	612.6
2249	21	01	21.582	75682	480.0	572.6
2250	21	01	23.585	75684	470.9	508.9
2251	21	01	25.588	75686	479.3	517.2
2252	21	01	27.591	75688	375.4	519.2
2253	21	01	29.594	75690	411.5	490.0
2254	21	01	31.597	75692	431.9	474.9
2255	21	01	33.600	75694	451.6	490.0
2256	21	01	35.603	75696	443.7	492.6
2257	21	01	37.606	75698	453.7	491.4
2258	21	01	39.609	75700	475.5	569.8
2259	21	01	41.612	75702	472.5	499.8
2260	21	01	43.615	75704	462.8	508.4
2261	21	01	45.618	75706	454.1	578.7
2262	21	01	47.621	75708	338.2	535.0
2263	21	01	49.624	75710	387.5	608.7
2264	21	01	51.627	75712	390.1	475.2
2265	21	01	53.630	75714	375.3	467.9
2266	21	01	55.633	75716	390.4	460.5

2267	21	01	57.636	75718	390.7	504.0
2268	21	01	59.639	75720	285.4	498.0
2269	21	02	01.642	75722	282.7	500.3
2270	21	02	03.645	75724	356.8	561.1
2271	21	02	05.648	75726	363.9	400.3
2272	21	02	07.651	75728	423.7	423.3
2273	21	02	09.654	75730	431.9	474.9
2274	21	02	11.657	75732	427.4	475.6
2275	21	02	13.660	75734	391.5	501.3
2276	21	02	15.663	75736	458.8	331.9
2277	21	02	17.666	75738	402.9	447.4
2278	21	02	19.669	75740	421.9	385.5
2279	21	02	21.672	75742	382.7	361.2
2280	21	02	23.675	75744	528.6	509.5
2281	21	02	25.678	75746	262.8	444.5
2282	21	02	27.681	75748	390.3	479.6
2283	21	02	29.684	75750	406.8	480.6
2284	21	02	31.687	75752	396.8	379.8
2285	21	02	33.690	75754	504.4	470.4
2286	21	02	35.693	75756	344.5	486.8
2287	21	02	37.696	75758	440.7	490.9
2288	21	02	39.699	75760	436.8	505.4
2289	21	02	41.702	75762	479.8	429.6
2290	21	02	43.705	75764	357.5	530.9
2291	21	02	45.708	75766	456.8	471.2
2292	21	02	47.711	75768	465.5	476.3
2293	21	02	49.714	75770	453.8	493.9
2294	21	02	51.717	75772	457.0	522.0
2295	21	02	53.720	75774	441.7	486.5
2296	21	02	55.723	75776	440.9	462.3
2297	21	02	57.726	75778	447.3	475.7
2298	21	02	59.729	75780	458.4	547.7
2299	21	03	01.732	75782	339.8	529.8
2300	21	03	03.735	75784	315.0	577.4
2301	21	03	05.738	75786	324.0	583.7
2302	21	03	07.741	75788	285.8	621.1
2303	21	03	09.744	75790	457.6	546.3
2304	21	03	11.747	75792	269.5	542.3
2305	21	03	13.750	75794	358.7	575.9
2306	21	03	15.753	75796	357.9	578.3
2307	21	03	17.756	75798	351.2	598.5
2308	21	03	19.759	75800	272.8	488.4
2309	21	03	21.762	75802	356.2	614.5
2310	21	03	23.765	75804	228.4	531.9
2311	21	03	25.768	75806	227.1	531.5
2312	21	03	27.771	75808	310.1	580.5
2313	21	03	29.774	75810	218.8	521.2
2314	21	03	31.777	75812	388.0	508.3
2315	21	03	33.780	75814	409.9	509.5
2316	21	03	35.783	75816	321.0	658.4
2317	21	03	37.786	75818	156.5	512.3
2318	21	03	39.789	75820	239.2	675.5
2319	21	03	41.792	75822	299.5	634.5
2320	21	03	43.795	75824	303.6	603.9
2321	21	03	45.798	75826	338.1	530.6
2322	21	03	47.801	75828	323.2	571.3
2323	21	03	49.804	75830	212.8	503.6
2324	21	03	51.807	75832	224.6	499.4
2325	21	03	53.810	75834	354.1	704.1
2326	21	03	55.813	75836	359.6	634.4

2327	21	03	57.816	75838	392.8	606.1
2328	21	03	59.819	75840	224.1	664.8
2329	21	04	01.822	75842	233.7	660.8
2330	21	04	03.825	75844	298.2	610.7
2331	21	04	05.828	75846	226.5	649.9
2332	21	04	07.831	75848	275.2	588.1
2333	21	04	09.834	75850	401.2	658.4
2334	21	04	11.837	75852	403.9	658.7
2335	21	04	13.840	75854	374.3	570.8
2336	21	04	15.843	75856	325.7	552.9
2337	21	04	17.846	75858	386.8	510.8
2338	21	04	19.849	75860	383.0	491.1
2339	21	04	21.852	75862	340.5	625.1
2340	21	04	23.855	75864	389.9	506.0
2341	21	04	25.858	75866	244.9	578.0
2342	21	04	27.861	75868	425.8	542.4
2343	21	04	29.864	75870	430.1	544.9
2344	21	04	31.867	75872	380.9	584.6
2345	21	04	33.870	75874	525.3	587.6
2346	21	04	35.873	75876	362.8	527.6
2347	21	04	37.876	75878	352.3	534.2
2348	21	04	39.879	75880	369.5	694.6
2349	21	04	41.882	75882	253.4	673.0
2350	21	04	43.885	75884	333.0	753.7
2351	21	04	45.888	75886	442.0	554.4
2352	21	04	47.891	75888	443.2	558.2
2353	21	04	49.894	75890	388.0	684.5
2354	21	04	51.897	75892	435.7	591.5
2355	21	04	53.900	75894	354.5	760.8
2356	21	04	55.903	75896	369.7	589.3
2357	21	04	57.906	75898	365.4	589.0
2358	21	04	59.909	75900	365.0	653.9
2359	21	05	01.912	75902	429.9	591.8
2360	21	05	03.915	75904	358.6	661.5
2361	21	05	05.918	75906	343.3	652.8
2362	21	05	07.921	75908	480.8	620.6
2363	21	05	09.924	75910	311.7	645.8
2364	21	05	11.927	75912	428.1	625.0
2365	21	05	13.930	75914	314.8	592.5
2366	21	05	15.933	75916	303.9	579.0
2367	21	05	17.936	75918	443.7	548.5
2368	21	05	19.939	75920	372.9	593.4
2369	21	05	21.942	75922	417.3	601.5
2370	21	05	23.945	75924	413.3	579.7
2371	21	05	25.948	75926	417.3	569.9
2372	21	05	27.951	75928	337.9	577.1
2373	21	05	29.954	75930	442.5	468.5
2374	21	05	31.957	75932	506.7	609.1
2375	21	05	33.960	75934	505.5	654.7
2376	21	05	35.963	75936	454.4	649.7
2377	21	05	37.966	75938	482.0	587.1
2378	21	05	39.969	75940	461.9	539.8
2379	21	05	41.972	75942	342.0	516.4
2380	21	05	43.975	75944	339.8	521.0
2381	21	05	45.978	75946	490.2	489.1
2382	21	05	47.981	75948	416.6	455.7
2383	21	05	49.984	75950	346.5	632.4
2384	21	05	51.987	75952	357.1	635.5
2385	21	05	53.990	75954	490.5	467.8
2386	21	05	55.993	75956	401.9	605.5

2387	21	05	57.996	75958	456.8	520.2
2388	21	05	59.999	75960	340.9	472.9
2389	21	06	02.002	75962	349.0	461.2
2390	21	06	04.005	75964	321.6	502.9
2391	21	06	06.008	75966	313.9	471.0
2392	21	06	08.011	75968	370.3	505.8
2393	21	06	10.014	75970	374.4	510.8
2394	21	06	12.017	75972	414.5	507.3
2395	21	06	14.020	75974	396.1	495.5
2396	21	06	16.023	75976	366.5	464.7
2397	21	06	18.026	75978	423.1	597.1
2398	21	06	20.029	75980	428.7	606.3
2399	21	06	22.032	75982	298.5	437.5
2400	21	06	24.035	75984	327.0	563.8
2401	21	06	26.038	75986	263.1	550.0
2402	21	06	28.041	75988	308.9	498.3
2403	21	06	30.044	75990	342.0	586.2
2404	21	06	32.047	75992	435.3	529.4
2405	21	06	34.050	75994	396.8	615.8
2406	21	06	36.053	75996	335.3	539.3
2407	21	06	38.056	75998	323.8	534.2
2408	21	06	40.059	76000	398.8	601.8
2409	21	06	42.062	76002	297.4	494.8
2410	21	06	44.065	76004	383.2	631.3
2411	21	06	46.068	76006	282.7	581.8
2412	21	06	48.071	76008	278.5	582.2
2413	21	06	50.074	76010	378.8	567.1
2414	21	06	52.077	76012	350.6	560.3
2415	21	06	54.080	76014	397.3	469.5
2416	21	06	56.083	76016	405.4	471.1
2417	21	06	58.086	76018	393.8	495.3
2418	21	07	00.089	76020	314.0	591.6
2419	21	07	02.092	76022	300.5	469.1
2420	21	07	04.095	76024	301.6	524.6
2421	21	07	06.098	76026	289.8	531.0
2422	21	07	08.101	76028	285.3	623.1
2423	21	07	10.104	76030	368.3	545.0
2424	21	07	12.107	76032	287.0	374.4
2425	21	07	14.110	76034	352.7	433.4
2426	21	07	16.113	76036	349.7	525.5
2427	21	07	18.116	76038	423.8	528.4
2428	21	07	20.119	76040	344.6	386.2
2429	21	07	22.122	76042	371.7	488.3
2430	21	07	24.125	76044	357.8	481.1
2431	21	07	26.128	76046	293.2	568.4
2432	21	07	28.131	76048	459.0	459.9
2433	21	07	30.134	76050	416.0	500.0
2434	21	07	32.137	76052	400.3	605.7
2435	21	07	34.140	76054	410.7	595.4
2436	21	07	36.143	76056	360.5	399.1
2437	21	07	38.146	76058	420.0	443.0
2438	21	07	40.149	76060	336.5	429.0
2439	21	07	42.152	76062	333.2	432.5
2440	21	07	44.155	76064	572.2	497.0
2441	21	07	46.158	76066	506.7	382.2
2442	21	07	48.161	76068	284.8	526.6
2443	21	07	50.164	76070	446.2	547.3
2444	21	07	52.167	76072	447.4	553.8
2445	21	07	54.170	76074	332.0	577.2
2446	21	07	56.173	76076	457.6	490.1

2447	21	07	58.176	76078	424.6	492.8
2448	21	08	00.179	76080	429.3	505.5
2449	21	08	02.182	76082	385.8	502.4
2450	21	08	04.185	76084	360.2	530.6
2451	21	08	06.188	76086	351.7	484.3
2452	21	08	08.191	76088	234.0	494.4
2453	21	08	10.194	76090	237.2	489.2
2454	21	08	12.197	76092	362.8	429.1
2455	21	08	14.200	76094	343.4	473.9
2456	21	08	16.203	76096	311.2	440.8
2457	21	08	18.206	76098	298.7	410.6
2458	21	08	20.209	76100	298.6	429.9
2459	21	08	22.212	76102	301.1	588.8
2460	21	08	24.215	76104	278.5	458.8
2461	21	08	26.218	76106	296.9	501.1
2462	21	08	28.221	76108	286.8	510.1
2463	21	08	30.224	76110	459.1	477.6
2464	21	08	32.227	76112	353.5	550.1
2465	21	08	34.230	76114	330.7	530.6
2466	21	08	36.233	76116	262.0	502.0
2467	21	08	38.236	76118	259.7	523.4
2468	21	08	40.239	76120	354.7	441.6
2469	21	08	42.242	76122	286.0	545.0
2470	21	08	44.245	76124	264.6	455.4
2471	21	08	46.248	76126	336.6	489.6
2472	21	08	48.251	76128	385.0	512.9
2473	21	08	50.254	76130	381.0	411.2
2474	21	08	52.257	76132	330.8	335.6
2475	21	08	54.260	76134	361.8	537.7
2476	21	08	56.263	76136	360.4	535.5
2477	21	08	58.266	76138	350.8	499.2
2478	21	09	00.269	76140	473.8	418.9
2479	21	09	02.272	76142	392.7	463.4
2480	21	09	04.275	76144	351.1	514.3
2481	21	09	06.278	76146	349.4	521.6
2482	21	09	08.281	76148	279.6	499.5
2483	21	09	10.284	76150	334.7	588.5
2484	21	09	12.287	76152	293.9	452.2
2485	21	09	14.290	76154	288.4	438.2
2486	21	09	16.293	76156	328.8	558.6
2487	21	09	18.296	76158	432.3	665.4
2488	21	09	20.299	76160	394.2	528.1
2489	21	09	22.302	76162	383.2	562.3
2490	21	09	24.305	76164	370.9	553.7
2491	21	09	26.308	76166	402.4	622.5
2492	21	10	02.486	76202	466.7	363.7
2493	21	10	04.489	76204	353.0	526.2
2494	21	10	06.492	76206	368.3	559.5
2495	21	10	08.495	76208	340.1	537.3
2496	21	10	10.498	76210	349.8	536.0
2497	21	10	12.501	76213	358.4	492.9
2498	21	10	14.504	76215	457.8	539.2
2499	21	10	16.507	76217	228.4	440.3
2500	21	10	18.510	76219	226.6	446.1
2501	21	10	20.513	76221	300.5	446.2
2502	21	10	22.516	76223	218.8	504.2
2503	21	10	24.519	76225	104.5	350.5
2504	21	10	26.522	76227	256.9	525.2
2505	21	10	28.525	76229	252.0	500.5
2506	21	10	30.528	76231	105.8	505.0

2507	21	10	32.531	76233	114.2	559.5
2508	21	10	34.534	76235	145.9	403.6
2509	21	10	36.537	76237	174.4	485.5
2510	21	10	38.540	76239	169.1	481.1
2511	21	10	40.543	76241	41.1	434.4
2512	21	10	42.546	76243	96.5	549.1
2513	21	10	44.549	76245	133.3	571.8
2514	21	10	46.552	76247	120.8	562.4
2515	21	10	48.555	76249	69.2	530.6
2516	21	10	50.558	76251	103.4	545.5
2517	21	10	52.561	76253	5.3	645.7
2518	21	10	54.564	76255	196.9	527.8
2519	21	10	56.567	76257	209.4	535.8
2520	21	10	58.570	76259	151.3	508.2
2521	21	11	00.573	76261	111.6	464.0
2522	21	11	02.576	76263	134.7	588.1
2523	21	11	04.579	76265	137.2	579.6
2524	21	11	06.582	76267	119.7	541.0
2525	21	11	08.585	76269	177.7	567.1
2526	21	11	10.588	76271	58.2	645.4
2527	21	11	12.591	76273	136.6	598.0
2528	21	11	14.594	76275	141.2	596.8
2529	21	11	16.597	76277	157.6	598.6
2530	21	11	18.600	76279	116.2	423.6
2531	21	11	20.603	76281	42.5	516.4
2532	21	11	22.606	76283	190.4	591.5
2533	21	11	24.609	76285	186.1	602.2
2534	21	11	26.612	76287	190.9	654.1
2535	21	11	28.615	76289	115.2	571.3
2536	21	11	30.618	76291	201.5	588.8
2537	21	11	32.621	76293	199.3	585.5
2538	21	11	34.624	76295	135.5	465.5
2539	21	11	36.627	76297	143.5	604.4
2540	21	11	38.630	76299	111.4	486.3
2541	21	11	40.633	76301	193.5	574.2
2542	21	11	42.636	76303	188.7	575.2
2543	21	11	44.639	76305	108.9	545.1
2544	21	11	46.642	76307	273.0	512.0
2545	21	11	48.645	76309	83.5	548.5
2546	21	11	50.648	76311	75.9	545.4
2547	21	11	52.651	76313	51.4	653.6
2548	21	11	54.654	76315	137.8	510.7
2549	21	11	56.657	76317	87.9	611.1
2550	21	11	58.660	76319	86.3	533.8
2551	21	12	00.663	76321	95.7	532.2
2552	21	12	02.666	76323	231.0	588.6
2553	21	12	04.669	76325	113.8	520.7
2554	21	12	06.672	76327	129.9	586.5
2555	21	12	08.675	76329	127.5	624.2
2556	21	12	10.678	76331	132.7	618.3
2557	21	12	12.681	76333	158.2	497.1
2558	21	12	14.684	76335	139.8	608.1
2559	21	12	16.687	76337	201.8	500.0
2560	21	12	18.690	76339	165.5	497.6
2561	21	12	20.693	76341	225.0	449.7
2562	21	12	22.696	76343	274.8	609.3
2563	21	12	24.699	76345	414.7	518.2
2564	21	12	26.702	76347	327.2	581.1
2565	21	12	28.705	76349	302.5	582.3
2566	21	12	30.708	76351	352.0	649.2

2567	21	12	32.711	76353	406.0	518.0
2568	21	12	34.714	76355	333.1	656.0
2569	21	12	36.717	76357	337.9	648.9
2570	21	12	38.720	76359	447.0	562.8
2571	21	12	40.723	76361	290.4	601.1
2572	21	12	42.726	76363	253.9	448.8
2573	21	12	44.729	76365	204.5	587.6
2574	21	12	46.732	76367	213.1	581.9
2575	21	12	48.735	76369	155.3	572.5
2576	21	12	50.738	76371	95.6	737.9
2577	21	12	52.741	76373	164.5	606.3
2578	21	12	54.744	76375	118.8	554.2
2579	21	12	56.747	76377	106.2	565.2
2580	21	12	58.750	76379	143.1	556.7
2581	21	13	00.753	76381	150.2	614.3
2582	21	13	02.756	76383	244.5	603.9
2583	21	13	04.759	76385	250.0	595.6
2584	21	13	06.762	76387	235.3	688.0
2585	21	13	08.765	76389	234.9	614.0
2586	21	13	10.768	76391	129.2	505.6
2587	21	13	12.771	76393	159.7	538.8
2588	21	13	14.774	76395	165.4	553.3
2589	21	13	16.777	76397	130.8	630.5
2590	21	13	18.780	76399	189.6	608.8
2591	21	13	20.783	76401	184.1	589.8
2592	21	13	22.786	76403	188.5	600.0
2593	21	13	24.789	76405	174.3	638.3
2594	21	13	26.792	76407	64.7	675.5
2595	21	13	28.795	76409	136.0	645.6
2596	21	13	30.798	76411	227.1	680.7
2597	21	13	32.801	76413	217.5	670.3
2598	21	13	34.804	76415	229.1	555.6
2599	21	13	36.807	76417	62.6	586.1
2600	21	13	38.810	76419	116.0	679.8
2601	21	13	40.813	76421	154.9	619.5
2602	21	13	42.816	76423	148.5	607.5
2603	21	13	44.819	76425	103.7	558.7
2604	21	13	46.822	76427	117.7	496.1
2605	21	13	48.825	76429	209.7	521.5
2606	21	13	50.828	76431	222.4	530.9
2607	21	13	52.831	76433	42.2	581.4
2608	21	13	54.834	76435	46.1	441.5
2609	21	13	56.837	76437	38.5	523.9
2610	21	13	58.840	76439	146.2	446.9
2611	21	14	00.843	76441	161.7	444.4
2612	21	14	02.846	76443	71.7	434.5
2613	21	14	04.849	76445	94.0	495.4
2614	21	14	06.852	76447	131.6	568.5
2615	21	14	08.855	76449	137.5	579.5
2616	21	14	10.858	76451	46.3	504.9
2617	21	14	12.861	76453	189.8	528.7
2618	21	14	14.864	76455	52.8	563.8
2619	21	14	16.867	76457	117.3	462.5
2620	21	14	18.870	76459	111.0	463.6
2621	21	14	20.873	76461	163.8	549.7
2622	21	14	22.876	76463	129.0	570.1
2623	21	14	24.879	76465	180.7	524.4
2624	21	14	26.882	76467	195.1	526.1
2625	21	14	28.885	76469	206.0	530.2
2626	21	14	30.888	76471	147.8	604.8

2627	21	14	32.891	76473	243.2	566.9
2628	21	14	34.894	76475	51.8	347.5
2629	21	14	36.897	76477	68.7	356.2
2630	21	14	38.900	76479	119.3	521.6
2631	21	14	40.903	76481	118.8	537.2
2632	21	14	42.906	76483	136.5	572.8
2633	21	14	44.909	76485	60.9	532.7
2634	21	14	46.912	76487	65.5	543.0
2635	21	14	48.915	76489	121.5	591.8
2636	21	14	50.918	76491	81.0	521.7
2637	21	14	52.921	76493	125.7	532.3
2638	21	14	54.924	76495	126.7	537.2
2639	21	14	56.927	76497	244.3	592.2
2640	21	14	58.930	76499	255.6	608.6
2641	21	15	00.933	76501	210.4	489.9
2642	21	15	02.936	76503	77.8	631.0
2643	21	15	04.939	76505	73.9	619.0
2644	21	15	06.942	76507	285.4	566.5
2645	21	15	08.945	76509	340.4	550.3
2646	21	15	10.948	76511	240.2	592.6
2647	21	15	12.951	76513	286.5	605.3
2648	21	15	14.954	76515	389.1	576.3
2649	21	15	16.957	76517	276.0	589.1
2650	21	15	18.960	76519	290.9	636.3
2651	21	15	20.963	76521	374.8	536.9
2652	21	15	22.966	76523	383.7	533.4
2653	21	15	24.969	76525	334.5	430.1
2654	21	15	26.972	76527	354.7	512.2
2655	21	15	28.975	76529	371.6	600.8
2656	21	15	30.978	76531	278.4	523.5
2657	21	15	32.981	76533	284.7	518.5
2658	21	15	34.984	76535	321.2	679.5
2659	21	15	36.987	76537	494.6	662.3
2660	21	15	38.990	76539	486.7	565.2
2661	21	15	40.993	76541	475.5	569.0
2662	21	15	42.996	76543	465.5	687.3
2663	21	15	44.999	76545	446.7	709.0
2664	21	15	47.002	76547	430.7	715.6
2665	21	15	49.005	76549	302.5	461.2
2666	21	15	51.008	76551	305.6	455.9
2667	21	15	53.011	76553	484.6	555.0
2668	21	15	55.014	76555	494.0	593.5
2669	21	15	57.017	76557	367.9	642.6
2670	21	15	59.020	76559	333.5	633.0
2671	21	16	01.023	76561	327.6	500.6
2672	21	16	03.026	76563	425.2	506.3
2673	21	16	05.029	76565	435.8	535.1
2674	21	16	07.032	76567	350.7	522.3
2675	21	16	09.035	76569	344.7	511.0
2676	21	16	11.038	76571	405.0	503.7
2677	21	16	13.041	76573	383.7	631.7
2678	21	16	15.044	76575	499.0	591.7
2679	21	16	17.047	76577	494.9	625.9
2680	21	16	19.050	76579	484.6	620.4
2681	21	16	21.053	76581	408.8	627.2
2682	21	16	23.056	76583	419.2	570.7
2683	21	16	25.059	76585	479.9	402.1
2684	21	16	27.062	76587	496.4	400.7
2685	21	16	29.065	76589	467.6	561.7
2686	21	16	31.068	76591	483.9	432.7

2687	21	16	33.071	76593	533.0	583.7
2688	21	16	35.074	76595	574.2	440.0
2689	21	16	37.077	76597	583.9	460.0
2690	21	16	39.080	76599	491.9	494.0
2691	21	16	41.083	76601	555.5	648.6
2692	21	16	43.086	76603	628.3	627.4
2693	21	16	45.089	76605	619.7	618.3
2694	21	16	47.092	76607	469.3	638.8
2695	21	16	49.095	76609	322.1	594.4
2696	21	16	51.098	76611	503.9	525.7
2697	21	16	53.101	76613	460.8	496.7
2698	21	16	55.104	76615	444.9	503.3
2699	21	16	57.107	76617	424.8	547.5
2700	21	16	59.110	76619	490.2	558.0
2701	21	17	01.113	76621	502.3	513.8
2702	21	17	03.116	76623	491.9	417.1
2703	21	17	05.119	76625	479.8	404.6
2704	21	17	07.122	76627	360.8	516.7
2705	21	17	09.125	76629	389.6	575.3
2706	21	17	11.128	76631	479.9	484.4
2707	21	17	13.131	76633	476.5	480.8
2708	21	17	15.134	76635	446.1	577.0
2709	21	17	17.137	76637	480.1	526.9
2710	21	17	19.140	76639	517.0	538.0
2711	21	17	21.143	76641	454.5	479.1
2712	21	17	23.146	76643	466.5	482.1
2713	21	17	25.149	76645	558.2	543.0
2714	21	17	27.152	76647	467.5	486.3
2715	21	17	29.155	76649	516.6	547.4
2716	21	17	31.158	76651	515.4	556.6
2717	21	17	33.161	76653	456.1	500.4
2718	21	17	35.164	76655	441.4	641.3
2719	21	17	37.167	76657	410.9	401.7
2720	21	17	39.170	76659	393.6	514.2
2721	21	17	41.173	76661	386.6	528.6
2722	21	17	43.176	76663	447.2	552.5
2723	21	17	45.179	76665	411.9	472.0
2724	21	17	47.182	76667	390.2	599.4
2725	21	17	49.185	76669	542.9	626.8
2726	21	17	51.188	76671	544.8	619.0
2727	21	17	53.191	76673	468.0	517.6
2728	21	17	55.194	76675	393.7	518.2
2729	21	17	57.197	76677	479.5	497.9
2730	21	17	59.200	76679	473.0	482.6
2731	21	18	01.203	76681	438.5	523.6
2732	21	18	03.206	76683	443.3	608.0
2733	21	18	05.209	76685	450.0	535.0
2734	21	18	07.212	76687	561.2	579.5
2735	21	18	09.215	76689	543.9	567.7
2736	21	18	11.218	76691	500.1	476.7
2737	21	18	13.221	76693	537.2	679.3
2738	21	18	15.224	76695	496.7	490.5
2739	21	18	17.227	76697	502.0	488.0
2740	21	18	19.230	76699	518.9	537.3
2741	21	18	21.233	76701	589.9	596.7
2742	21	18	23.236	76703	452.2	500.8
2743	21	18	25.239	76705	567.5	459.6
2744	21	18	27.242	76707	571.5	464.7
2745	21	18	29.245	76709	474.8	521.0
2746	21	18	31.248	76711	496.7	501.9

2747	21	18	33.251	76713	517.1	479.5
2748	21	18	35.254	76715	432.6	402.7
2749	21	18	37.257	76717	428.7	397.0
2750	21	18	39.260	76719	566.0	551.9
2751	21	18	41.263	76721	580.2	581.2
2752	21	18	43.266	76723	534.2	494.6
2753	21	18	45.269	76725	542.1	502.3
2754	21	18	47.272	76727	481.0	490.1
2755	21	18	49.275	76729	580.6	509.1
2756	21	18	51.278	76731	449.8	422.4
2757	21	18	53.281	76733	521.5	536.5
2758	21	18	55.284	76735	536.4	535.3
2759	21	18	57.287	76737	496.4	453.3
2760	21	18	59.290	76739	552.9	605.3
2761	21	19	01.293	76741	614.0	616.6
2762	21	19	03.296	76743	615.6	609.4
2763	21	19	05.299	76745	560.9	630.5
2764	21	19	07.302	76747	524.3	673.7
2765	21	19	09.305	76749	535.5	562.4
2766	21	19	11.308	76751	504.4	637.6
2767	21	19	13.311	76753	503.9	653.7
2768	21	19	15.314	76755	426.2	528.3
2769	21	19	17.317	76757	541.7	590.6
2770	21	19	19.320	76759	469.2	601.3
2771	21	19	21.323	76761	465.9	570.9
2772	21	19	23.326	76763	480.4	573.1
2773	21	19	25.329	76765	550.0	568.1
2774	21	19	27.332	76767	558.3	666.8
2775	21	19	29.335	76769	529.9	530.5
2776	21	19	31.338	76771	524.6	522.0
2777	21	19	33.341	76773	529.7	642.8
2778	21	19	35.344	76775	496.9	607.7
2779	21	19	37.347	76777	440.6	667.8
2780	21	19	39.350	76779	604.7	645.2
2781	21	19	41.353	76781	602.4	635.3
2782	21	19	43.356	76783	457.6	608.8
2783	21	19	45.359	76785	605.0	578.6
2784	21	19	47.362	76787	431.7	660.3
2785	21	19	49.365	76789	429.5	678.9
2786	21	19	51.368	76791	504.5	488.4
2787	21	19	53.371	76793	461.4	407.9
2788	21	19	55.374	76795	456.6	601.1
2789	21	19	57.377	76797	566.3	623.8
2790	21	19	59.380	76799	577.2	621.0
2791	21	20	01.383	76801	527.4	572.3
2792	21	20	03.386	76803	486.5	623.2
2793	21	20	05.389	76805	389.8	453.4
2794	21	20	07.392	76807	497.3	527.8
2795	21	20	09.395	76809	505.2	546.9
2796	21	20	11.398	76811	531.0	492.0
2797	21	20	13.401	76813	523.5	579.1
2798	21	20	15.404	76815	552.2	522.8
2799	21	20	17.407	76817	555.9	524.8
2800	21	20	19.410	76819	475.7	386.7
2801	21	20	21.413	76821	459.5	432.4
2802	21	20	23.416	76823	520.9	549.2
2803	21	20	25.419	76825	538.1	441.5
2804	21	20	27.422	76827	538.5	432.6
2805	21	20	29.425	76829	548.4	631.3
2806	21	20	31.428	76831	485.2	659.9

2807	21	20	33.431	76833	522.6	475.3
2808	21	20	35.434	76835	538.8	479.8
2809	21	20	37.437	76837	605.3	521.0
2810	21	20	39.440	76839	588.0	452.1
2811	21	20	41.443	76841	536.6	417.4
2812	21	20	43.446	76843	490.6	505.1
2813	21	20	45.449	76845	493.6	511.3
2814	21	20	47.452	76847	534.7	569.3
2815	21	20	49.455	76849	458.7	627.8
2816	21	20	51.458	76851	403.5	544.3
2817	21	20	53.461	76853	572.1	540.7
2818	21	20	55.464	76855	572.4	537.8
2819	21	20	57.467	76857	509.0	611.2
2820	21	20	59.470	76859	541.2	631.5
2821	21	21	01.473	76861	479.3	538.1
2822	21	21	03.476	76863	490.2	529.5
2823	21	21	05.479	76865	477.2	494.4
2824	21	21	07.482	76867	518.5	547.8
2825	21	21	09.485	76869	479.3	544.7
2826	21	21	11.488	76871	416.1	583.6
2827	21	21	13.491	76873	433.3	582.9
2828	21	21	15.494	76875	482.4	585.6
2829	21	21	17.497	76877	473.5	579.9
2830	21	21	19.500	76880	485.8	538.0
2831	21	21	21.503	76882	488.0	532.5
2832	21	21	23.506	76884	513.4	611.7
2833	21	21	25.509	76886	517.1	550.0
2834	21	21	27.512	76888	564.2	582.5
2835	21	21	29.515	76890	508.5	676.8
2836	21	21	31.518	76892	505.7	664.2
2837	21	21	33.521	76894	525.0	694.7
2838	21	21	35.524	76896	490.2	574.1
2839	21	21	37.527	76898	492.1	681.1
2840	21	21	39.530	76900	477.7	571.4
2841	21	21	41.533	76902	482.6	577.9
2842	21	21	43.536	76904	379.6	613.8
2843	21	21	45.539	76906	455.6	524.2
2844	21	21	47.542	76908	499.2	429.0
2845	21	21	49.545	76910	513.1	438.8
2846	21	21	51.548	76912	355.1	515.5
2847	21	21	53.551	76914	462.2	512.0
2848	21	21	55.554	76916	463.8	556.8
2849	21	21	57.557	76918	423.4	569.1
2850	21	21	59.560	76920	413.6	572.8
2851	21	22	01.563	76922	450.3	490.4
2852	21	22	03.566	76924	587.3	583.0
2853	21	22	05.569	76926	594.9	486.2
2854	21	22	07.572	76928	599.1	489.8
2855	21	22	09.575	76930	643.9	474.7
2856	21	22	11.578	76932	618.1	501.2
2857	21	22	13.581	76934	559.8	542.2
2858	21	22	15.584	76936	548.6	563.6
2859	21	22	17.587	76938	541.1	559.6
2860	21	22	19.590	76940	430.5	490.6
2861	21	22	21.593	76942	532.6	540.4
2862	21	22	23.596	76944	378.4	491.9
2863	21	22	25.599	76946	471.5	549.4
2864	21	22	27.602	76948	485.5	580.9
2865	21	22	29.605	76950	403.5	512.7
2866	21	22	31.608	76952	569.4	512.5

2867	21	22	33.611	76954	547.9	468.0
2868	21	22	35.614	76956	536.0	456.0
2869	21	22	37.617	76958	415.9	547.8
2870	21	22	39.620	76960	432.0	465.0
2871	21	22	41.623	76962	416.9	673.7
2872	21	22	43.626	76964	412.5	458.3
2873	21	22	45.629	76966	413.1	464.4
2874	21	22	47.632	76968	539.9	475.1
2875	21	22	49.635	76970	375.8	476.4
2876	21	22	51.638	76972	479.8	512.3
2877	21	22	53.641	76974	466.9	513.2
2878	21	22	55.644	76976	505.3	612.4
2879	21	22	57.647	76978	447.7	542.4
2880	21	22	59.650	76980	509.9	632.7
2881	21	23	01.653	76982	400.6	559.6
2882	21	23	03.656	76984	389.0	550.7
2883	21	23	05.659	76986	410.8	552.1
2884	21	23	07.662	76988	484.4	481.5
2885	21	23	09.665	76990	423.8	549.3
2886	21	23	11.668	76992	452.2	464.2
2887	21	23	13.671	76994	454.5	476.4
2888	21	23	15.674	76996	385.2	555.1
2889	21	23	17.677	76998	449.0	520.4
2890	21	23	19.680	77000	453.6	485.9
2891	21	23	21.683	77002	449.4	491.6
2892	21	23	23.686	77004	410.9	491.6
2893	21	23	25.689	77006	560.2	585.1
2894	21	23	27.692	77008	567.9	646.0
2895	21	23	29.695	77010	450.1	574.1
2896	21	23	31.698	77012	437.1	564.9
2897	21	23	33.701	77014	557.5	570.1
2898	21	23	35.704	77016	459.2	605.5
2899	21	23	37.707	77018	467.1	686.2
2900	21	23	39.710	77020	474.4	701.0
2901	21	23	41.713	77022	445.9	545.0
2902	21	23	43.716	77024	401.0	578.3
2903	21	23	45.719	77026	469.3	516.1
2904	21	23	47.722	77028	566.3	750.1
2905	21	23	49.725	77030	565.2	744.1
2906	21	23	51.728	77032	490.3	555.9
2907	21	23	53.731	77034	493.5	591.0
2908	21	23	55.734	77036	471.0	583.6
2909	21	23	57.737	77038	445.9	689.2
2910	21	23	59.740	77040	509.9	564.0
2911	21	24	01.743	77042	568.9	586.3
2912	21	24	03.746	77044	553.1	645.1
2913	21	24	05.749	77046	592.0	653.9
2914	21	24	07.752	77048	602.3	645.9
2915	21	24	09.755	77050	517.7	656.6
2916	21	24	11.758	77052	569.2	648.3
2917	21	24	13.761	77054	531.2	642.9
2918	21	24	15.764	77056	588.7	617.1
2919	21	24	17.767	77058	591.0	589.3
2920	21	24	19.770	77060	581.1	613.9
2921	21	24	21.773	77062	569.1	558.8
2922	21	24	23.776	77064	569.0	520.9
2923	21	24	25.779	77066	583.0	520.9
2924	21	24	27.782	77068	648.4	761.3
2925	21	24	29.785	77070	639.0	662.9
2926	21	24	31.788	77072	540.7	618.9

2927	21	24	33.791	77074	573.5	629.0
2928	21	24	35.794	77076	580.8	629.9
2929	21	24	37.797	77078	462.8	574.8
2930	21	24	39.800	77080	608.4	645.7
2931	21	24	41.803	77082	537.1	603.2
2932	21	24	43.806	77084	548.0	609.0
2933	21	24	45.809	77086	549.8	639.5
2934	21	24	47.812	77088	568.5	604.3
2935	21	24	49.815	77090	506.3	767.5
2936	21	24	51.818	77092	548.3	605.0
2937	21	24	53.821	77094	546.7	608.6
2938	21	24	55.824	77096	542.5	646.8
2939	21	24	57.827	77098	519.9	584.0
2940	21	24	59.830	77100	566.9	539.2
2941	21	25	01.833	77102	461.4	627.7
2942	21	25	03.836	77104	485.6	623.1
2943	21	25	05.839	77106	185.7	583.3
2944	21	25	07.842	77108	35.9	625.2
2945	21	25	09.845	77110	207.3	586.1
2946	21	25	11.848	77112	214.9	594.7
2947	21	25	13.851	77114	93.4	456.1
2948	21	25	15.854	77116	107.6	540.4
2949	21	25	17.857	77118	113.2	560.6
2950	21	25	19.860	77120	128.1	467.1
2951	21	25	21.863	77122	125.4	467.8
2952	21	25	23.866	77124	137.9	530.1
2953	21	25	25.869	77126	104.1	545.4
2954	21	25	27.872	77128	100.1	573.4
2955	21	25	29.875	77130	124.4	587.7
2956	21	25	31.878	77132	78.1	533.0
2957	21	25	33.881	77134	125.1	502.1
2958	21	25	35.884	77136	112.4	481.0
2959	21	25	37.887	77138	-60.2	491.8
2960	21	25	39.890	77140	-30.9	488.1
2961	21	25	41.893	77142	39.4	547.3
2962	21	25	43.896	77144	-21.9	451.8
2963	21	25	45.899	77146	-2.0	503.4
2964	21	25	47.902	77148	-7.7	581.4
2965	21	25	49.905	77150	-7.7	585.7
2966	21	25	51.908	77152	101.0	563.9
2967	21	25	53.911	77154	133.8	544.2
2968	21	25	55.914	77156	9.8	693.4
2969	21	25	57.917	77158	14.5	695.1
2970	21	25	59.920	77160	76.8	639.4
2971	21	26	01.923	77162	69.0	546.6
2972	21	26	03.926	77164	115.8	442.1
2973	21	26	05.929	77166	85.5	574.4
2974	21	26	07.932	77168	84.4	572.5
2975	21	26	09.935	77170	8.1	559.2
2976	21	26	11.938	77172	63.5	566.9
2977	21	26	13.941	77174	-42.4	473.2
2978	21	26	15.944	77176	-37.2	483.6
2979	21	26	17.947	77178	45.4	515.0
2980	21	26	19.950	77180	86.2	587.7
2981	21	26	21.953	77182	-53.1	423.2
2982	21	26	23.956	77184	89.1	490.8
2983	21	26	25.959	77186	93.6	500.5
2984	21	26	27.962	77188	81.3	516.3
2985	21	26	29.965	77190	42.8	515.8
2986	21	26	31.968	77192	4.7	530.2

2987	21	26	33.971	77194	49.0	547.4
2988	21	26	35.974	77196	46.2	563.8
2989	21	26	37.977	77198	124.7	696.8
2990	21	26	39.980	77200	35.2	585.4
2991	21	26	41.983	77202	80.1	506.1
2992	21	26	43.986	77204	49.8	517.8
2993	21	26	45.989	77206	125.3	500.5
2994	21	26	47.992	77208	64.5	490.4
2995	21	26	49.995	77210	87.4	596.7
2996	21	26	51.998	77212	64.1	554.9
2997	21	26	54.001	77214	71.3	565.2
2998	21	26	56.004	77216	34.4	689.4
2999	21	26	58.007	77218	11.1	551.9
3000	21	27	00.010	77220	9.8	482.4
3001	21	27	02.013	77222	5.6	479.4
3002	21	27	04.016	77224	-39.3	586.9
3003	21	27	06.019	77226	29.7	589.6
3004	21	27	08.022	77228	52.8	427.0
3005	21	27	10.025	77230	2.6	375.6
3006	21	27	12.028	77232	10.2	375.5
3007	21	27	14.031	77234	-4.1	594.1
3008	21	27	16.034	77236	-3.0	569.3
3009	21	27	18.037	77238	4.4	603.1
3010	21	27	20.040	77240	99.1	656.3
3011	21	27	22.043	77242	87.6	643.2
3012	21	27	24.046	77244	68.9	432.9
3013	21	27	26.049	77246	40.3	481.6
3014	21	27	28.052	77248	13.5	468.7
3015	21	27	30.055	77250	-1.3	459.1
3016	21	27	32.058	77252	-55.6	446.5
3017	21	27	34.061	77254	28.1	547.6
3018	21	27	36.064	77256	-94.3	447.6
3019	21	27	38.067	77258	51.7	438.7
3020	21	27	40.070	77260	54.5	430.8
3021	21	27	42.073	77262	-59.3	491.9
3022	21	27	44.076	77264	20.4	592.5
3023	21	27	46.079	77266	81.4	533.9
3024	21	27	48.082	77268	70.7	507.4
3025	21	27	50.085	77270	7.4	558.5
3026	21	27	52.088	77272	-11.8	518.2
3027	21	27	54.091	77274	135.3	537.3
3028	21	27	56.094	77276	60.6	555.1
3029	21	27	58.097	77278	54.8	570.1
3030	21	28	00.100	77280	134.0	480.3
3031	21	28	02.103	77282	-15.1	404.2
3032	21	28	04.106	77284	121.5	462.9
3033	21	28	06.109	77286	25.3	485.1
3034	21	28	08.112	77288	20.0	480.7
3035	21	28	10.115	77290	49.3	540.7
3036	21	28	12.118	77292	39.1	458.5
3037	21	28	14.121	77294	5.3	489.6
3038	21	28	16.124	77296	15.8	490.5
3039	21	28	18.127	77298	-2.6	463.0
3040	21	28	20.130	77300	-42.4	549.1
3041	21	28	22.133	77302	89.7	550.0
3042	21	28	24.136	77304	12.6	552.5
3043	21	28	26.139	77306	21.4	555.9
3044	21	28	28.142	77308	47.2	531.7
3045	21	28	30.145	77310	130.4	512.6
3046	21	28	32.148	77312	65.5	461.4

3047	21	28	34.151	77314	55.4	447.6
3048	21	28	36.154	77316	92.0	539.1
3049	21	28	38.157	77318	55.6	573.1
3050	21	28	40.160	77320	46.2	529.8
3051	21	28	42.163	77322	79.8	513.9
3052	21	28	44.166	77324	71.5	492.1
3053	21	28	46.169	77326	139.5	574.7
3054	21	28	48.172	77328	-26.7	542.3
3055	21	28	50.175	77330	35.4	566.5
3056	21	28	52.178	77332	17.7	509.8
3057	21	28	54.181	77334	4.7	510.0
3058	21	28	56.184	77336	8.4	598.7
3059	21	28	58.187	77338	28.5	571.1
3060	21	29	00.190	77340	17.6	554.2
3061	21	29	02.193	77342	17.8	544.4
3062	21	29	04.196	77344	82.8	526.6
3063	21	29	06.199	77346	-75.3	458.9
3064	21	29	08.202	77348	129.0	536.8
3065	21	29	10.205	77350	-23.9	523.7
3066	21	29	12.208	77352	-19.4	530.6
3067	21	29	14.211	77354	54.3	502.2
3068	21	29	16.214	77356	-0.5	529.9
3069	21	29	18.217	77358	99.4	580.7
3070	21	29	20.220	77360	107.6	595.7
3071	21	29	22.223	77362	34.1	527.8
3072	21	29	24.226	77364	23.2	472.3
3073	21	29	26.229	77366	-29.4	535.6
3074	21	29	28.232	77368	69.4	528.6
3075	21	29	30.235	77370	80.1	530.2
3076	21	29	32.238	77372	13.3	557.0
3077	21	29	34.241	77374	-68.1	563.8
3078	21	29	36.244	77376	-1.5	491.4
3079	21	29	38.247	77378	-9.3	368.5
3080	21	29	40.250	77380	-5.2	329.5
3081	21	29	42.253	77382	-35.8	513.9
3082	21	29	44.256	77384	12.5	503.2
3083	21	29	46.259	77386	50.3	543.6
3084	21	29	48.262	77388	39.4	541.0
3085	21	29	50.265	77390	33.0	489.6
3086	21	29	52.268	77392	-82.9	404.8
3087	21	29	54.271	77394	-21.4	542.8
3088	21	29	56.274	77396	59.9	466.5
3089	21	29	58.277	77398	40.9	469.1
3090	21	30	00.280	77400	43.5	640.4
3091	21	30	02.283	77402	57.0	551.6
3092	21	30	04.286	77404	61.4	608.8
3093	21	30	06.289	77406	67.4	620.9
3094	21	30	08.292	77408	87.1	535.2
3095	21	30	10.295	77410	-34.2	514.4
3096	21	30	12.298	77412	22.9	607.1
3097	21	30	14.301	77414	-23.5	568.3
3098	21	30	16.304	77416	-30.6	577.7
3099	21	30	18.307	77418	-129.9	489.3
3100	21	30	20.310	77420	-87.7	612.8
3101	21	30	22.313	77422	-47.0	652.5
3102	21	30	24.316	77424	-35.8	596.6
3103	21	30	26.319	77426	-9.6	591.8
3104	21	30	28.322	77428	-14.4	512.1
3105	21	30	30.325	77430	-0.5	603.9
3106	21	30	32.328	77432	-119.2	439.3

3107	21	30	34.331	77434	-128.1	473.4
3108	21	30	36.334	77436	43.6	564.2
3109	21	30	38.337	77438	43.0	547.2
3110	21	30	40.340	77440	-74.1	549.4
3111	21	30	42.343	77442	10.5	493.7
3112	21	30	44.346	77444	1.0	482.2
3113	21	30	46.349	77446	23.9	529.9
3114	21	30	48.352	77448	-9.8	540.5
3115	21	30	50.355	77450	-72.3	497.3
3116	21	30	52.358	77452	-67.7	498.0
3117	21	30	54.361	77454	6.2	582.8
3118	21	30	56.364	77456	93.6	499.6
3119	21	30	58.367	77458	19.1	494.1
3120	21	31	00.370	77460	25.5	569.8
3121	21	31	02.373	77462	14.4	571.2
3122	21	31	04.376	77464	-81.0	528.5
3123	21	31	06.379	77466	57.7	641.7
3124	21	31	08.382	77468	-4.8	507.9
3125	21	31	10.385	77470	44.6	720.7
3126	21	31	12.388	77472	47.4	714.4
3127	21	31	14.391	77474	-56.0	585.0
3128	21	31	16.394	77476	-5.3	607.8
3129	21	31	18.397	77478	53.8	520.4
3130	21	31	20.400	77480	51.6	526.7
3131	21	31	22.403	77482	-96.6	555.2
3132	21	31	24.406	77484	47.3	530.7
3133	21	31	26.409	77486	42.0	533.4
3134	21	31	28.412	77488	-21.2	452.6
3135	21	31	30.415	77490	0.6	465.7
3136	21	31	32.418	77492	101.1	563.7
3137	21	31	34.421	77494	-10.9	531.2
3138	21	31	36.424	77496	106.9	540.2
3139	21	31	38.427	77498	95.0	540.5
3140	21	31	40.430	77500	-6.1	565.0
3141	21	31	42.433	77502	25.7	659.1
3142	21	31	44.436	77504	-80.3	578.3
3143	21	31	46.439	77506	12.5	501.7
3144	21	31	48.442	77508	8.4	491.5
3145	21	31	50.445	77510	-50.1	620.7
3146	21	31	52.448	77512	19.8	529.6
3147	21	31	54.451	77514	30.3	465.6
3148	21	31	56.454	77516	-19.3	481.0
3149	21	31	58.457	77518	-19.5	552.8
3150	21	32	00.460	77520	12.9	489.1
3151	21	32	02.463	77522	-55.7	680.8
3152	21	32	04.466	77524	64.6	498.9
3153	21	32	06.469	77526	58.2	505.1
3154	21	32	08.472	77528	-8.8	519.0
3155	21	32	10.475	77530	44.6	490.5
3156	21	32	12.478	77532	83.6	480.7
3157	21	32	14.481	77534	-8.5	501.1
3158	21	32	16.484	77536	16.4	505.2
3159	21	32	18.487	77538	289.6	529.6
3160	21	32	20.490	77540	532.0	481.5
3161	21	32	22.493	77542	548.1	563.7
3162	21	32	24.496	77544	561.3	564.1
3163	21	32	26.499	77546	472.2	453.6
3164	21	32	28.502	77549	437.6	513.5
3165	21	32	30.505	77551	699.7	503.8
3166	21	32	32.508	77553	538.1	492.7

3167	21	32	34.511	77555	545.4	510.6
3168	21	32	36.514	77557	622.3	472.8
3169	21	32	38.517	77559	644.5	561.6
3170	21	32	40.520	77561	544.1	532.3
3171	21	32	42.523	77563	538.7	561.6
3172	21	32	44.526	77565	642.3	566.3
3173	21	32	46.529	77567	655.9	535.2
3174	21	32	48.532	77569	523.8	581.7
3175	21	32	50.535	77571	531.6	468.4
3176	21	32	52.538	77573	531.6	467.2
3177	21	32	54.541	77575	564.0	545.7
3178	21	32	56.544	77577	590.0	505.1
3179	21	32	58.547	77579	676.4	454.7
3180	21	33	00.550	77581	550.8	509.6
3181	21	33	02.553	77583	525.0	512.0
3182	21	33	04.556	77585	588.2	651.7
3183	21	33	06.559	77587	639.7	478.7
3184	21	33	08.562	77589	560.9	548.8
3185	21	33	10.565	77591	561.0	552.1
3186	21	33	12.568	77593	597.1	494.1
3187	21	33	14.571	77595	574.0	423.7
3188	21	33	16.574	77597	592.4	552.2
3189	21	33	18.577	77599	594.6	537.8
3190	21	33	20.580	77601	595.1	528.7
3191	21	33	22.583	77603	484.3	469.6
3192	21	33	24.586	77605	636.6	536.7
3193	21	33	26.589	77607	450.2	510.7
3194	21	33	28.592	77609	445.6	526.3
3195	21	33	30.595	77611	505.4	553.1
3196	21	33	32.598	77613	595.6	531.4
3197	21	33	34.601	77615	591.2	581.0
3198	21	33	36.604	77617	598.6	604.3
3199	21	33	38.607	77619	591.5	594.2
3200	21	33	40.610	77621	551.0	494.2
3201	21	33	42.613	77623	536.8	588.1
3202	21	33	44.616	77625	523.5	518.2
3203	21	33	46.619	77627	418.2	440.7
3204	21	33	48.622	77629	422.0	438.7
3205	21	33	50.625	77631	546.8	648.0
3206	21	33	52.628	77633	484.3	528.6
3207	21	33	54.631	77635	458.0	500.3
3208	21	33	56.634	77637	447.1	489.3
3209	21	33	58.637	77639	489.3	601.4
3210	21	34	00.640	77641	446.9	561.4
3211	21	34	02.643	77643	487.8	613.4
3212	21	34	04.646	77645	549.0	542.2
3213	21	34	06.649	77647	552.6	534.7
3214	21	34	08.652	77649	506.4	530.1
3215	21	34	10.655	77651	395.7	622.7
3216	21	34	12.658	77653	438.8	442.9
3217	21	34	14.661	77655	444.6	439.6
3218	21	34	16.664	77657	579.1	444.8
3219	21	34	18.667	77659	414.4	451.5
3220	21	34	20.670	77661	459.6	622.3
3221	21	34	22.673	77663	525.2	419.4
3222	21	34	24.676	77665	525.0	411.4
3223	21	34	26.679	77667	364.0	560.6
3224	21	34	28.682	77669	403.0	510.2
3225	21	34	30.685	77671	550.3	618.5
3226	21	34	32.688	77673	432.1	617.4

3227	21	34	34.691	77675	435.3	617.3
3228	21	34	36.694	77677	507.4	523.8
3229	21	34	38.697	77679	443.6	579.1
3230	21	34	40.700	77681	417.9	586.2
3231	21	34	42.703	77683	400.5	576.8
3232	21	34	44.706	77685	563.6	568.1
3233	21	34	46.709	77687	506.4	621.2
3234	21	34	48.712	77689	505.7	726.1
3235	21	34	50.715	77691	556.2	677.2
3236	21	34	52.718	77693	548.2	676.6
3237	21	34	54.721	77695	500.0	601.9
3238	21	34	56.724	77697	426.5	663.3
3239	21	34	58.727	77699	456.6	627.4
3240	21	35	00.730	77701	452.2	629.6
3241	21	35	02.733	77703	445.2	740.3
3242	21	35	04.736	77705	514.8	691.0
3243	21	35	06.739	77707	509.1	561.7
3244	21	35	08.742	77709	447.8	517.7
3245	21	35	10.745	77711	445.0	523.6
3246	21	35	12.748	77713	550.8	667.7
3247	21	35	14.751	77715	498.5	602.4
3248	21	35	16.754	77717	515.0	622.8
3249	21	35	18.757	77719	517.5	646.9
3250	21	35	20.760	77721	507.7	644.4
3251	21	35	22.763	77723	491.0	621.0
3252	21	35	24.766	77725	437.9	612.0
3253	21	35	26.769	77727	448.1	716.2
3254	21	35	28.772	77729	449.5	701.5
3255	21	35	30.775	77731	488.5	727.4
3256	21	35	32.778	77733	432.6	560.8
3257	21	35	34.781	77735	404.1	629.5
3258	21	35	36.784	77737	504.5	612.8
3259	21	35	38.787	77739	490.4	564.4
3260	21	35	40.790	77741	560.7	545.5
3261	21	35	42.793	77743	622.6	547.8
3262	21	35	44.796	77745	523.9	506.4
3263	21	35	46.799	77747	519.1	506.8
3264	21	35	48.802	77749	576.5	695.0
3265	21	35	50.805	77751	515.3	626.7
3266	21	35	52.808	77753	561.2	628.0
3267	21	35	54.811	77755	484.3	690.4
3268	21	35	56.814	77757	494.9	701.0
3269	21	35	58.817	77759	521.6	585.3
3270	21	36	00.820	77761	453.3	570.5
3271	21	36	02.823	77763	610.7	612.4
3272	21	36	04.826	77765	594.5	582.9
3273	21	36	06.829	77767	599.2	577.0
3274	21	36	08.832	77769	523.3	501.3
3275	21	36	10.835	77771	576.2	486.0
3276	21	36	12.838	77773	436.8	614.2
3277	21	36	14.841	77775	433.1	599.4
3278	21	36	16.844	77777	600.3	582.2
3279	21	36	18.847	77779	572.9	565.2
3280	21	36	20.850	77781	615.3	478.3
3281	21	36	22.853	77783	588.2	604.7
3282	21	36	24.856	77785	602.2	618.7
3283	21	36	26.859	77787	618.4	573.9
3284	21	36	28.862	77789	642.9	545.6
3285	21	36	30.865	77791	630.6	514.0
3286	21	36	32.868	77793	621.4	499.4

3287	21	36	34.871	77795	663.7	572.2
3288	21	36	36.874	77797	609.3	537.4
3289	21	36	38.877	77799	577.5	551.7
3290	21	36	40.880	77801	689.0	564.8
3291	21	36	42.883	77803	690.0	563.9
3292	21	36	44.886	77805	582.3	616.5
3293	21	36	46.889	77807	558.5	402.2
3294	21	36	48.892	77809	573.1	626.3
3295	21	36	50.895	77811	562.2	667.8
3296	21	36	52.898	77813	563.5	686.1
3297	21	36	54.901	77815	587.3	520.6
3298	21	36	56.904	77817	691.8	552.1
3299	21	36	58.907	77819	578.8	636.1
3300	21	37	00.910	77821	566.7	634.8
3301	21	37	02.913	77823	592.5	637.9
3302	21	37	04.916	77825	535.1	636.2
3303	21	37	06.919	77827	577.3	615.7
3304	21	37	08.922	77829	515.8	531.3
3305	21	37	10.925	77831	518.0	526.7
3306	21	37	12.928	77833	587.3	529.7
3307	21	37	14.931	77835	569.9	603.4
3308	21	37	16.934	77837	692.9	671.0
3309	21	37	18.937	77839	693.1	677.4
3310	21	37	20.940	77841	640.0	670.7
3311	21	37	22.943	77843	600.7	645.9
3312	21	37	24.946	77845	554.2	754.5
3313	21	37	26.949	77847	432.1	627.7
3314	21	37	28.952	77849	416.9	626.9
3315	21	37	30.955	77851	455.3	646.5
3316	21	37	32.958	77853	579.4	496.5
3317	21	37	34.961	77855	551.2	739.9
3318	21	37	36.964	77857	563.3	586.1
3319	21	37	38.967	77859	556.3	591.7
3320	21	37	40.970	77861	560.3	621.7
3321	21	37	42.973	77863	454.1	582.8
3322	21	37	44.976	77865	330.7	671.3
3323	21	37	46.979	77867	334.7	670.4
3324	21	37	48.982	77869	441.9	509.2
3325	21	37	50.985	77871	473.5	512.9
3326	21	37	52.988	77873	513.7	648.6
3327	21	37	54.991	77875	557.9	523.0
3328	21	37	56.994	77877	566.9	530.6
3329	21	37	58.997	77879	552.3	558.3
3330	21	38	01.000	77881	386.7	704.1
3331	21	38	03.003	77883	414.7	597.8
3332	21	38	05.006	77885	425.5	590.6
3333	21	38	07.009	77887	434.9	595.6
3334	21	38	09.012	77889	515.5	569.3
3335	21	38	11.015	77891	440.7	548.5
3336	21	38	13.018	77893	448.0	554.9
3337	21	38	15.021	77895	448.1	554.1
3338	21	38	17.024	77897	525.4	535.7
3339	21	38	19.027	77899	491.1	581.4
3340	21	38	21.030	77901	491.6	508.7
3341	21	38	23.033	77903	427.7	568.1
3342	21	38	25.036	77905	427.3	447.0
3343	21	38	27.039	77907	439.5	393.5
3344	21	38	29.042	77909	358.7	564.7
3345	21	38	31.045	77911	470.7	581.5
3346	21	38	33.048	77913	473.4	585.6

3347	21	38	35.051	77915	524.6	466.0
3348	21	38	37.054	77917	561.0	578.7
3349	21	38	39.057	77919	425.2	524.5
3350	21	38	41.060	77921	411.6	463.7
3351	21	38	43.063	77923	408.2	462.7
3352	21	38	45.066	77925	243.0	546.7
3353	21	38	47.069	77927	393.4	480.3
3354	21	38	49.072	77929	435.1	525.6
3355	21	38	51.075	77931	431.5	528.7
3356	21	38	53.078	77933	453.5	550.4
3357	21	38	55.081	77935	522.9	452.7
3358	21	38	57.084	77937	379.7	382.3
3359	21	38	59.087	77939	466.5	518.0
3360	21	39	01.090	77941	472.4	527.7
3361	21	39	03.093	77943	347.5	512.5
3362	21	39	05.096	77945	504.1	569.8
3363	21	39	07.099	77947	403.4	552.3
3364	21	39	09.102	77949	513.4	613.7
3365	21	39	11.105	77951	577.7	586.5
3366	21	39	13.108	77953	532.6	400.9
3367	21	39	15.111	77955	431.6	499.3
3368	21	39	17.114	77957	442.5	558.3
3369	21	39	19.117	77959	442.2	548.4
3370	21	39	21.120	77961	454.7	546.0
3371	21	39	23.123	77963	389.8	474.4
3372	21	39	25.126	77965	395.5	410.7
3373	21	39	27.129	77967	465.3	486.6
3374	21	39	29.132	77969	467.3	480.2
3375	21	39	31.135	77971	341.0	394.4
3376	21	39	33.138	77973	361.6	481.3
3377	21	39	35.141	77975	408.4	495.2
3378	21	39	37.144	77977	425.9	486.4
3379	21	39	39.147	77979	454.1	644.7
3380	21	39	41.150	77981	521.0	486.6
3381	21	39	43.153	77983	524.0	681.7
3382	21	39	45.156	77985	440.3	575.8
3383	21	39	47.159	77987	425.7	580.9
3384	21	39	49.162	77989	432.4	553.3
3385	21	39	51.165	77991	356.7	531.0
3386	21	39	53.168	77993	504.9	548.6
3387	21	39	55.171	77995	477.4	483.0
3388	21	39	57.174	77997	426.5	484.6
3389	21	39	59.177	77999	442.4	585.0
3390	21	40	01.180	78001	475.2	590.4
3391	21	40	03.183	78003	456.5	466.9
3392	21	40	05.186	78005	468.2	474.2
3393	21	40	07.189	78007	418.6	605.8
3394	21	40	09.192	78009	323.4	636.8
3395	21	40	11.195	78011	375.1	654.8
3396	21	40	13.198	78013	312.0	545.8
3397	21	40	15.201	78015	337.9	553.4
3398	21	40	17.204	78017	436.4	660.8
3399	21	40	19.207	78019	339.0	568.0
3400	21	40	21.210	78021	363.5	638.9
3401	21	40	23.213	78023	362.9	632.6
3402	21	40	25.216	78025	322.6	602.2
3403	21	40	27.219	78027	388.7	593.4
3404	21	40	29.222	78029	488.9	700.8
3405	21	40	31.225	78031	412.3	744.6
3406	21	40	33.228	78033	415.4	722.0

3407	21	40	35.231	78035	487.0	715.1
3408	21	40	37.234	78037	446.7	630.6
3409	21	40	39.237	78039	366.9	527.5
3410	21	40	41.240	78041	368.3	586.4
3411	21	40	43.243	78043	382.6	628.0
3412	21	40	45.246	78045	458.9	593.9
3413	21	40	47.249	78047	365.3	413.5
3414	21	40	49.252	78049	337.2	739.0
3415	21	40	51.255	78051	333.9	733.8
3416	21	40	53.258	78053	355.5	590.2
3417	21	40	55.261	78055	408.7	503.8
3418	21	40	57.264	78057	444.4	477.9
3419	21	40	59.267	78059	458.7	568.8
3420	21	41	01.270	78061	465.2	568.0
3421	21	41	03.273	78063	457.9	388.2
3422	21	41	05.276	78065	437.3	558.3
3423	21	41	07.279	78067	370.7	475.0
3424	21	41	09.282	78069	375.7	476.0
3425	21	41	11.285	78071	450.7	470.8
3426	21	41	13.288	78073	333.8	475.8
3427	21	41	15.291	78075	461.4	495.9
3428	21	41	17.294	78077	427.5	527.3
3429	21	41	19.297	78079	422.7	532.3
3430	21	41	21.300	78081	477.2	461.4
3431	21	41	23.303	78083	486.7	457.3
3432	21	41	25.306	78085	380.0	498.3
3433	21	41	27.309	78087	353.9	500.3
3434	21	41	29.312	78089	316.9	517.3
3435	21	41	31.315	78091	366.7	459.8
3436	21	41	33.318	78093	492.2	715.3
3437	21	41	35.321	78095	567.1	592.5
3438	21	41	37.324	78097	574.6	586.4
3439	21	41	39.327	78099	376.1	639.1
3440	21	41	41.330	78101	463.8	457.3
3441	21	41	43.333	78103	506.4	587.7
3442	21	41	45.336	78105	514.8	535.1
3443	21	41	47.339	78107	505.0	526.6
3444	21	41	49.342	78109	449.5	487.1
3445	21	41	51.345	78111	496.9	547.3
3446	21	41	53.348	78113	464.0	513.0
3447	21	41	55.351	78115	476.6	518.0
3448	21	41	57.354	78117	492.9	566.0
3449	21	41	59.357	78119	549.2	564.4
3450	21	42	01.360	78121	408.8	651.9
3451	21	42	03.363	78123	418.9	588.2
3452	21	42	05.366	78125	412.6	587.9
3453	21	42	07.369	78127	480.2	663.7
3454	21	42	09.372	78129	384.6	565.8
3455	21	42	11.375	78131	418.8	544.2
3456	21	42	13.378	78133	421.8	552.2
3457	21	42	15.381	78135	381.0	658.5
3458	21	42	17.384	78137	576.3	564.6
3459	21	42	19.387	78139	374.5	584.8
3460	21	42	21.390	78141	375.1	666.8
3461	21	42	23.393	78143	375.0	660.1
3462	21	42	25.396	78145	404.2	468.6
3463	21	42	27.399	78147	346.8	557.9
3464	21	42	29.402	78149	491.9	583.5
3465	21	42	31.405	78151	505.9	660.8
3466	21	42	33.408	78153	512.7	669.4

3467	21	42	35.411	78155	516.9	652.1
3468	21	42	37.414	78157	443.2	564.1
3469	21	42	39.417	78159	494.7	657.4
3470	21	42	41.420	78161	489.8	659.0
3471	21	42	43.423	78163	386.3	533.2
3472	21	42	45.426	78165	447.6	580.5
3473	21	42	47.429	78167	468.5	501.8
3474	21	42	49.432	78169	438.8	662.5
3475	21	42	51.435	78171	450.4	657.1
3476	21	42	53.438	78173	432.0	568.6
3477	21	42	55.441	78175	437.9	502.9
3478	21	42	57.444	78177	434.5	614.1
3479	21	42	59.447	78179	431.2	614.9
3480	21	43	01.450	78181	414.2	590.1
3481	21	43	03.453	78183	433.5	572.3
3482	21	43	05.456	78185	540.4	483.0
3483	21	43	07.459	78187	502.6	586.4
3484	21	43	09.462	78189	503.8	578.8
3485	21	43	11.465	78191	420.4	478.9
3486	21	43	13.468	78193	338.0	580.2
3487	21	43	15.471	78195	402.9	668.2
3488	21	43	17.474	78197	470.1	482.5
3489	21	43	19.477	78199	477.3	479.3
3490	21	43	21.480	78201	486.2	501.0
3491	21	43	23.483	78203	414.4	661.1
3492	21	43	25.486	78205	296.3	692.3
3493	21	43	27.489	78207	298.1	678.6
3494	21	43	29.492	78209	350.5	620.6
3495	21	43	31.495	78211	500.5	556.4
3496	21	43	33.498	78213	399.7	639.3
3497	21	43	35.501	78216	408.3	567.4
3498	21	43	37.504	78218	407.9	559.8
3499	21	43	39.507	78220	400.7	550.3
3500	21	43	41.510	78222	437.3	554.0
3501	21	43	43.513	78224	400.9	546.7
3502	21	43	45.516	78226	406.3	562.1
3503	21	43	47.519	78228	302.5	525.5
3504	21	43	49.522	78230	471.3	598.7
3505	21	43	51.525	78232	356.4	578.8
3506	21	43	53.528	78234	462.2	592.4
3507	21	43	55.531	78236	477.7	597.7
3508	21	43	57.534	78238	343.3	551.5
3509	21	43	59.537	78240	417.9	473.0
3510	21	44	01.540	78242	383.3	555.1
3511	21	44	03.543	78244	356.3	556.6
3512	21	44	05.546	78246	353.0	550.8
3513	21	44	07.549	78248	451.1	548.0
3514	21	44	09.552	78250	448.7	471.1
3515	21	44	11.555	78252	410.1	547.0
3516	21	44	13.558	78254	403.1	548.4
3517	21	44	15.561	78256	356.2	510.2
3518	21	44	17.564	78258	454.0	471.0
3519	21	44	19.567	78260	377.7	415.0
3520	21	44	21.570	78262	368.1	530.7
3521	21	44	23.573	78264	379.0	530.3
3522	21	44	25.576	78266	329.2	636.9
3523	21	44	27.579	78268	466.4	642.6
3524	21	44	29.582	78270	354.1	548.6
3525	21	44	31.585	78272	357.4	550.4
3526	21	44	33.588	78274	484.2	658.1

3527	21	44	35.591	78276	315.6	566.9
3528	21	44	37.594	78278	349.8	616.7
3529	21	44	39.597	78280	515.3	658.4
3530	21	44	41.600	78282	508.5	654.8
3531	21	44	43.603	78284	386.9	580.0
3532	21	44	45.606	78286	557.6	539.6
3533	21	44	47.609	78288	422.6	425.7
3534	21	44	49.612	78290	460.6	589.8
3535	21	44	51.615	78292	454.3	599.2
3536	21	44	53.618	78294	407.1	514.6
3537	21	44	55.621	78296	397.5	383.4
3538	21	44	57.624	78298	423.9	518.0
3539	21	44	59.627	78300	420.7	506.5
3540	21	45	01.630	78302	477.8	488.4
3541	21	45	03.633	78304	446.5	582.5
3542	21	45	05.636	78306	423.6	564.5
3543	21	45	07.639	78308	524.6	477.3
3544	21	45	09.642	78310	532.4	484.4
3545	21	45	11.645	78312	272.2	528.3
3546	21	45	13.648	78314	444.6	420.1
3547	21	45	15.651	78316	365.2	403.2
3548	21	45	17.654	78318	371.1	411.4
3549	21	45	19.657	78320	535.3	413.3
3550	21	45	21.660	78322	391.2	413.6
3551	21	45	23.663	78324	496.9	531.3
3552	21	45	25.666	78326	454.4	544.7
3553	21	45	27.669	78328	445.1	546.4
3554	21	45	29.672	78330	474.9	569.0
3555	21	45	31.675	78332	374.9	549.1
3556	21	45	33.678	78334	375.6	542.5
3557	21	45	35.681	78336	379.8	585.3
3558	21	45	37.684	78338	373.6	573.9
3559	21	45	39.687	78340	505.9	517.5
3560	21	45	41.690	78342	421.6	531.3
3561	21	45	43.693	78344	409.8	600.6
3562	21	45	45.696	78346	398.2	586.6
3563	21	45	47.699	78348	355.0	475.1
3564	21	45	49.702	78350	410.4	631.7
3565	21	45	51.705	78352	299.1	638.0
3566	21	45	53.708	78354	305.2	629.0
3567	21	45	55.711	78356	298.3	625.8
3568	21	45	57.714	78358	388.2	664.1
3569	21	45	59.717	78360	300.9	515.7
3570	21	46	01.720	78362	296.9	569.0
3571	21	46	03.723	78364	293.7	568.0
3572	21	46	05.726	78366	382.5	515.9
3573	21	46	07.729	78368	299.3	614.0
3574	21	46	09.732	78370	380.5	605.1
3575	21	46	11.735	78372	261.5	709.6
3576	21	46	13.738	78374	268.2	687.7
3577	21	46	15.741	78376	249.1	636.5
3578	21	46	17.744	78378	290.6	573.5
3579	21	46	19.747	78380	359.8	566.0
3580	21	46	21.750	78382	352.7	536.2
3581	21	46	23.753	78384	355.0	530.1
3582	21	46	25.756	78386	387.5	597.6
3583	21	46	27.759	78388	480.3	671.0
3584	21	46	29.762	78390	305.5	611.7
3585	21	46	31.765	78392	314.0	627.8
3586	21	46	33.768	78394	387.9	575.7

3587	21	46	35.771	78396	394.0	553.1
3588	21	46	37.774	78398	416.6	556.3
3589	21	46	39.777	78400	384.6	504.6
3590	21	46	41.780	78402	382.1	505.9
3591	21	46	43.783	78404	458.2	446.9
3592	21	46	45.786	78406	499.4	471.1
3593	21	46	47.789	78408	360.7	566.2
3594	21	46	49.792	78410	373.2	582.3
3595	21	46	51.795	78412	331.2	548.9
3596	21	46	53.798	78414	495.9	524.3
3597	21	46	55.801	78416	431.0	503.1
3598	21	46	57.804	78418	366.7	558.1
3599	21	46	59.807	78420	374.7	554.7
3600	21	47	01.810	78422	384.4	467.3
3601	21	47	03.813	78424	387.3	488.4
3602	21	47	05.816	78426	346.9	525.2
3603	21	47	07.819	78428	457.0	594.5
3604	21	47	09.822	78430	445.4	464.2
3605	21	47	11.825	78432	487.6	534.4
3606	21	47	13.828	78434	448.8	555.9
3607	21	47	15.831	78436	504.3	522.0
3608	21	47	17.834	78438	518.0	525.5
3609	21	47	19.837	78440	469.4	479.7
3610	21	47	21.840	78442	515.8	544.7
3611	21	47	23.843	78444	450.6	419.3
3612	21	47	25.846	78446	513.4	452.8
3613	21	47	27.849	78448	522.7	458.8
3614	21	47	29.852	78450	497.7	433.0
3615	21	47	31.855	78452	489.8	540.3
3616	21	47	33.858	78454	424.0	526.0
3617	21	47	35.861	78456	411.4	521.4
3618	21	47	37.864	78458	408.9	562.2
3619	21	47	39.867	78460	406.1	549.8
3620	21	47	41.870	78462	525.0	455.1
3621	21	47	43.873	78464	477.9	495.9
3622	21	47	45.876	78466	470.2	493.3
3623	21	47	47.879	78468	429.1	583.5
3624	21	47	49.882	78470	427.8	474.8
3625	21	47	51.885	78472	456.5	364.7
3626	21	47	53.888	78474	568.6	452.9
3627	21	47	55.891	78476	564.1	569.3
3628	21	47	57.894	78478	473.5	450.2
3629	21	47	59.897	78480	454.3	398.2
3630	21	48	01.900	78482	500.3	452.2
3631	21	48	03.903	78484	506.0	453.8
3632	21	48	05.906	78486	346.8	556.0
3633	21	48	07.909	78488	460.3	452.5
3634	21	48	09.912	78490	474.4	401.5
3635	21	48	11.915	78492	443.3	534.5
3636	21	48	13.918	78494	452.1	527.4
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3638	21	48	17.924	78498	441.3	492.2
3639	21	48	19.927	78500	440.6	585.0
3640	21	48	21.930	78502	444.5	576.1
3641	21	48	23.933	78504	370.2	512.6
3642	21	48	25.936	78506	491.3	565.4
3643	21	48	27.939	78508	390.8	551.2
3644	21	48	29.942	78510	406.3	459.0
3645	21	48	31.945	78512	411.8	460.9
3646	21	48	33.948	78514	427.9	523.4

3647	21	48	35.951	78516	390.2	634.0
3648	21	48	37.954	78518	505.4	510.9
3649	21	48	39.957	78520	501.4	503.8
3650	21	48	41.960	78522	316.4	507.8
3651	21	48	43.963	78524	431.3	498.3
3652	21	48	45.966	78526	395.7	497.6
3653	21	48	47.969	78528	402.2	522.9
3654	21	48	49.972	78530	376.6	508.5
3655	21	48	51.975	78532	395.5	443.2
3656	21	48	53.978	78534	404.9	486.9
3657	21	48	55.981	78536	367.5	545.2
3658	21	48	57.984	78538	356.0	518.8
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3660	21	49	01.990	78542	415.2	405.6
3661	21	49	03.993	78544	386.8	429.3
3662	21	49	05.996	78546	366.9	553.1
3663	21	49	07.999	78548	370.5	555.1
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3682	21	49	46.056	78586	417.2	521.7
3683	21	49	48.059	78588	436.9	528.1
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3713	21	50	48.149	78648	299.0	445.7
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3717	21	50	56.161	78656	332.6	508.0
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3729	21	51	20.197	78680	230.5	549.5
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3731	21	51	24.203	78684	311.1	489.2
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3748	21	51	58.254	78718	144.8	424.2
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3755	21	52	12.275	78732	228.5	560.0
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3760	21	52	22.290	78742	251.2	590.3
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3762	21	52	26.296	78746	225.8	495.3
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3764	21	52	30.302	78750	302.0	598.3
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3781	21	53	04.353	78784	203.1	513.1
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3783	21	53	08.359	78788	238.5	502.8
3784	21	53	10.362	78790	237.8	465.1
3785	21	53	12.365	78792	251.4	556.8
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3787	21	53	16.371	78796	235.3	415.3
3788	21	53	18.374	78798	227.6	714.5
3789	21	53	20.377	78800	269.6	473.0
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3792	21	53	26.386	78806	285.5	461.5
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3801	21	53	44.413	78824	233.5	391.5
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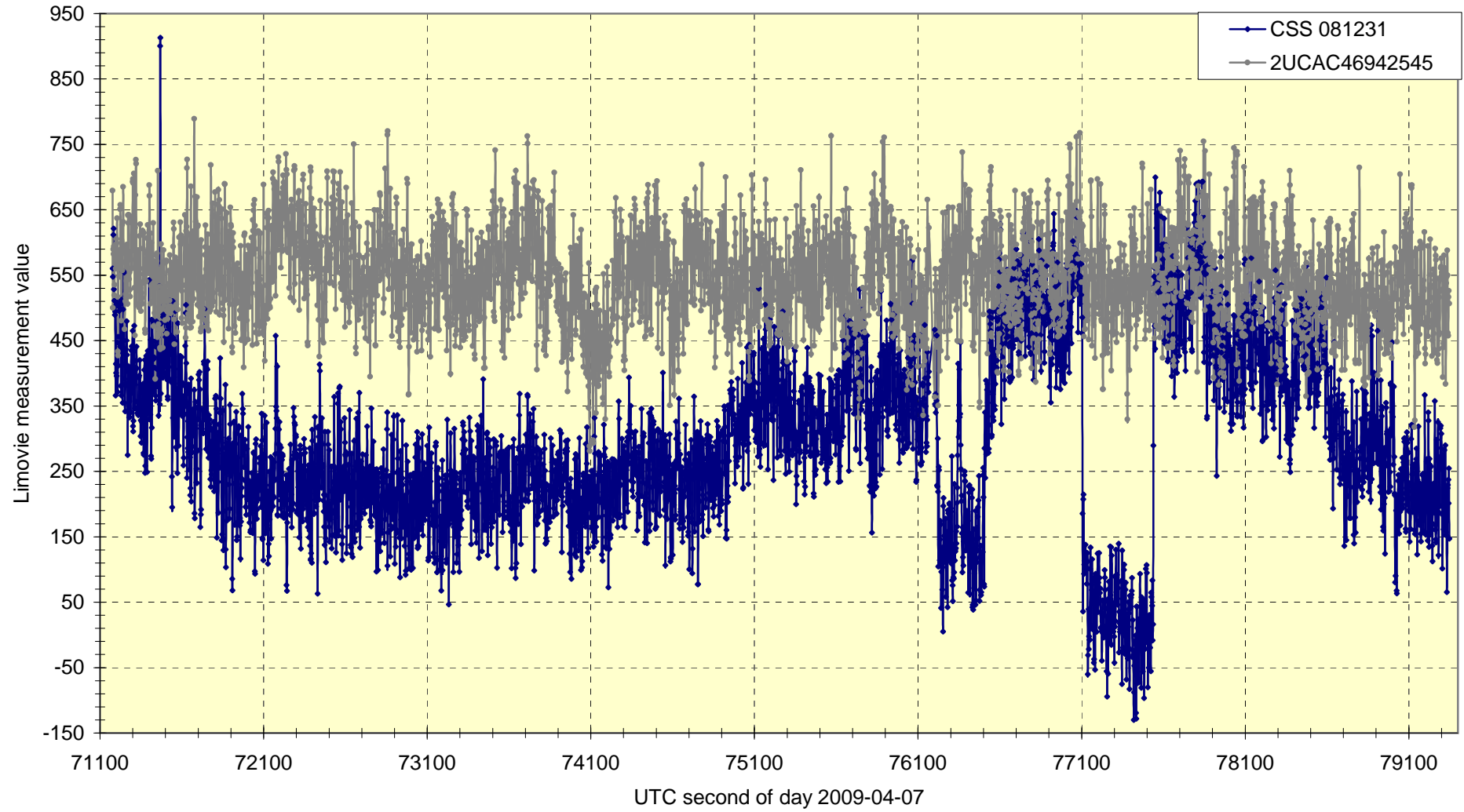
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3831	21	54	44.503	78885	262.4	518.9
3832	21	54	46.506	78887	400.8	509.1
3833	21	54	48.509	78889	386.2	500.6
3834	21	54	50.512	78891	284.4	493.3
3835	21	54	52.515	78893	324.9	501.7
3836	21	54	54.518	78895	328.7	487.2
3837	21	54	56.521	78897	333.7	506.7
3838	21	54	58.524	78899	326.6	505.1
3839	21	55	00.527	78901	300.7	565.4
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3842	21	55	06.536	78907	492.3	567.6
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3844	21	55	10.542	78911	287.9	397.1
3845	21	55	12.545	78913	261.4	531.3
3846	21	55	14.548	78915	285.4	489.0
3847	21	55	16.551	78917	275.0	479.3
3848	21	55	18.554	78919	309.0	490.1
3849	21	55	20.557	78921	325.9	510.5
3850	21	55	22.560	78923	270.0	405.2
3851	21	55	24.563	78925	226.9	495.9
3852	21	55	26.566	78927	218.0	491.5
3853	21	55	28.569	78929	389.5	438.3
3854	21	55	30.572	78931	191.8	571.5
3855	21	55	32.575	78933	344.1	487.7
3856	21	55	34.578	78935	334.7	486.6
3857	21	55	36.581	78937	348.8	556.3
3858	21	55	38.584	78939	279.1	458.3
3859	21	55	40.587	78941	213.9	573.1
3860	21	55	42.590	78943	165.2	471.2
3861	21	55	44.593	78945	159.4	477.1
3862	21	55	46.596	78947	274.3	472.4
3863	21	55	48.599	78949	200.3	616.1
3864	21	55	50.602	78951	285.7	549.5
3865	21	55	52.605	78953	209.7	429.5
3866	21	55	54.608	78955	124.1	473.6
3867	21	55	56.611	78957	260.5	479.6
3868	21	55	58.614	78959	281.1	529.4
3869	21	56	00.617	78961	354.8	448.3
3870	21	56	02.620	78963	347.4	445.6
3871	21	56	04.623	78965	307.1	483.5
3872	21	56	06.626	78967	310.7	517.3
3873	21	56	08.629	78969	288.5	436.3
3874	21	56	10.632	78971	258.7	553.7
3875	21	56	12.635	78973	263.4	564.2
3876	21	56	14.638	78975	218.6	444.3
3877	21	56	16.641	78977	274.3	431.0
3878	21	56	18.644	78979	311.9	502.9
3879	21	56	20.647	78981	305.6	502.9
3880	21	56	22.650	78983	219.8	505.7
3881	21	56	24.653	78985	248.8	480.8
3882	21	56	26.656	78987	226.7	443.5
3883	21	56	28.659	78989	384.9	567.4
3884	21	56	30.662	78991	382.0	539.2
3885	21	56	32.665	78993	304.9	514.2
3886	21	56	34.668	78995	316.9	479.7

3887	21	56	36.671	78997	340.8	423.3
3888	21	56	38.674	78999	447.6	483.2
3889	21	56	40.677	79001	380.0	544.2
3890	21	56	42.680	79003	333.5	475.0
3891	21	56	44.683	79005	260.4	468.4
3892	21	56	46.686	79007	380.2	495.5
3893	21	56	48.689	79009	379.5	517.6
3894	21	56	50.692	79011	272.3	522.3
3895	21	56	52.695	79013	216.3	513.5
3896	21	56	54.698	79015	213.7	516.7
3897	21	56	56.701	79017	80.5	592.9
3898	21	56	58.704	79019	90.5	591.6
3899	21	57	00.707	79021	212.0	568.4
3900	21	57	02.710	79023	190.1	563.8
3901	21	57	04.713	79025	67.7	562.2
3902	21	57	06.716	79027	63.6	552.0
3903	21	57	08.719	79029	206.7	448.2
3904	21	57	10.722	79031	205.3	512.8
3905	21	57	12.725	79033	209.1	487.4
3906	21	57	14.728	79035	235.5	569.0
3907	21	57	16.731	79037	244.8	547.4
3908	21	57	18.734	79039	192.9	534.1
3909	21	57	20.737	79041	155.0	538.9
3910	21	57	22.740	79043	243.9	543.4
3911	21	57	24.743	79045	237.5	540.8
3912	21	57	26.746	79047	188.4	704.3
3913	21	57	28.749	79049	167.7	493.5
3914	21	57	30.752	79051	253.4	585.4
3915	21	57	32.755	79053	225.0	483.3
3916	21	57	34.758	79055	224.2	482.2
3917	21	57	36.761	79057	199.2	500.1
3918	21	57	38.764	79059	195.7	586.1
3919	21	57	40.767	79061	270.9	542.3
3920	21	57	42.770	79063	193.7	521.5
3921	21	57	44.773	79065	207.9	537.2
3922	21	57	46.776	79067	264.0	615.9
3923	21	57	48.779	79069	243.0	459.8
3924	21	57	50.782	79071	300.3	608.0
3925	21	57	52.785	79073	295.5	612.1
3926	21	57	54.788	79075	301.0	608.6
3927	21	57	56.791	79077	216.2	636.8
3928	21	57	58.794	79079	258.5	576.2
3929	21	58	00.797	79081	162.0	613.5
3930	21	58	02.800	79083	157.6	628.8
3931	21	58	04.803	79085	297.9	510.3
3932	21	58	06.806	79087	199.5	643.9
3933	21	58	08.809	79089	310.1	519.7
3934	21	58	10.812	79091	293.8	525.4
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3937	21	58	16.821	79097	190.7	604.3
3938	21	58	18.824	79099	227.7	606.3
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3940	21	58	22.830	79103	231.9	623.2
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3944	21	58	30.842	79111	161.9	544.7
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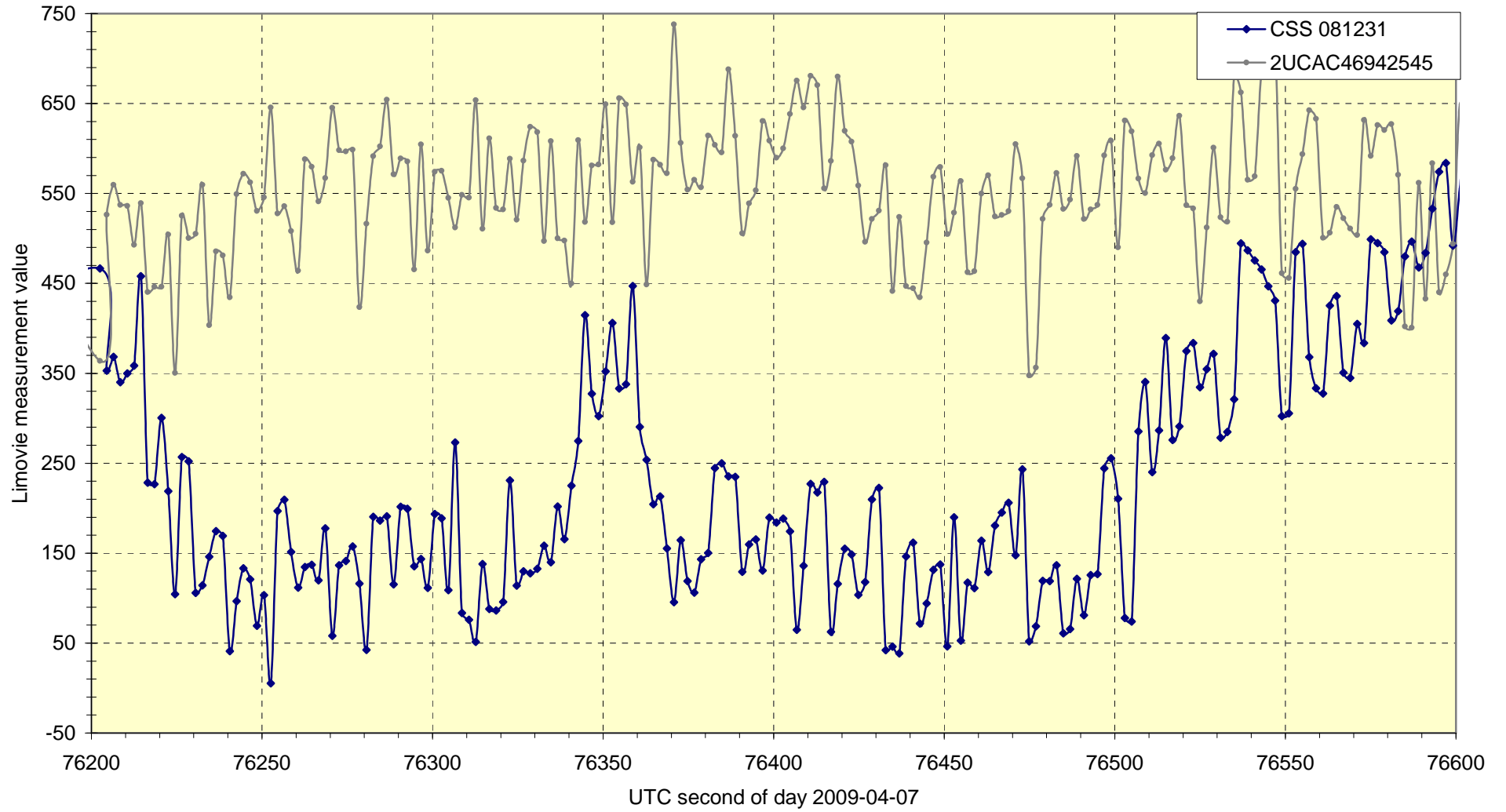
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3950	21	58	42.860	79123	188.0	471.0
3951	21	58	44.863	79125	260.2	579.4
3952	21	58	46.866	79127	254.9	531.2
3953	21	58	48.869	79129	246.9	555.4
3954	21	58	50.872	79131	193.8	469.6
3955	21	58	52.875	79133	207.1	540.0
3956	21	58	54.878	79135	160.3	317.8
3957	21	58	56.881	79137	154.5	328.2
3958	21	58	58.884	79139	206.8	585.5
3959	21	59	00.887	79141	262.5	518.8
3960	21	59	02.890	79143	227.1	425.6
3961	21	59	04.893	79145	268.8	520.9
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3963	21	59	08.899	79149	189.0	459.6
3964	21	59	10.902	79151	122.9	589.7
3965	21	59	12.905	79153	237.1	467.3
3966	21	59	14.908	79155	196.5	452.6
3967	21	59	16.911	79157	192.9	448.1
3968	21	59	18.914	79159	318.7	430.4
3969	21	59	20.917	79161	209.5	510.7
3970	21	59	22.920	79163	174.6	513.7
3971	21	59	24.923	79165	168.4	514.3
3972	21	59	26.926	79167	231.6	459.4
3973	21	59	28.929	79169	217.0	601.5
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3978	21	59	38.944	79179	225.6	491.5
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3980	21	59	42.950	79183	244.2	475.5
3981	21	59	44.953	79185	202.1	506.7
3982	21	59	46.956	79187	246.6	494.3
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3984	21	59	50.962	79191	208.8	542.0
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3992	22	00	06.986	79207	207.8	471.9
3993	22	00	08.989	79209	264.9	484.8
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4007	22	00	37.031	79237	158.9	515.3
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4010	22	00	43.040	79243	136.5	481.0
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4012	22	00	47.046	79247	222.9	475.9
4013	22	00	49.049	79249	227.4	472.6
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4031	22	01	25.103	79285	185.8	458.7
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4043	22	01	49.139	79309	272.5	548.4
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4046	22	01	55.148	79315	283.4	580.3
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4048	22	01	59.154	79319	168.3	515.2
4049	22	02	01.157	79321	160.2	518.6
4050	22	02	03.160	79323	290.0	559.3
4051	22	02	05.163	79325	152.9	383.6
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4055	22	02	13.175	79333	65.5	547.7
4056	22	02	15.178	79335	151.5	588.1
4057	22	02	17.181	79337	224.3	550.0
4058	22	02	19.184	79339	229.3	461.7
4059	22	02	21.187	79341	237.5	457.4
4060	22	02	23.190	79343	201.3	516.5
4061	22	02	25.193	79345	254.7	526.3
4062	22	02	27.196	79347	147.1	506.5

Suspected eclipsing polar CSS 081231
Video measurement



Suspected eclipsing polar CSS 081231
Video measurement



Suspected eclipsing polar CSS 081231
Video measurement

