

Time	Accel. Pedal Equiv. Ratio	RPM (RPM)	Calculated	Long Term	Mass Airflow	Short Term	Vehicle Speed (mph)	
0	19.11	13.38	4420	35.67	20.12	41.81	-0.16	64
0.06	19.5	13.38	4409	35.67	20.12	41.54	-0.16	64
0.08	19.5	13.38	4414	36.06	20.12	42.65	-0.16	64
0.1	19.5	13.38	4413	36.06	20.12	42.08	-0.16	64
0.14	19.5	13.38	4421	36.06	20.12	41.81	-0.16	64
0.18	19.5	13.38	4428	35.28	20.12	40.86	-0.16	64
0.2	19.5	13.23	4414	35.67	20.12	41.54	-0.16	64
0.24	19.5	13.23	4423	36.06	20.12	42.35	-0.16	64
0.28	19.5	13.23	4425	36.06	20.12	42.08	-0.16	64
0.32	19.5	13.38	4425	35.67	20.12	41.67	-0.16	64
0.34	19.5	13.38	4414	36.06	20.12	42.5	-0.16	64
0.38	19.5	13.38	4431	36.06	20.12	41.54	-0.16	64
0.42	19.5	13.38	4429	36.06	20.12	42.63	-0.16	64
0.44	19.5	13.38	4434	35.67	20.12	41	-0.16	64
0.48	19.5	13.38	4434	35.67	20.12	41.81	-0.16	64
0.5	19.5	13.38	4423	35.67	20.12	41	-0.16	64
0.54	19.5	13.38	4433	35.67	20.12	41.81	-0.16	64
0.58	19.5	13.38	4433	35.67	20.12	41.4	-0.16	64
0.6	19.5	13.38	4422	35.67	20.12	41	-0.16	64
0.62	19.5	13.38	4431	35.67	20.12	41.4	-0.16	64
0.66	19.5	13.38	4421	35.67	20.12	41.13	-0.16	64
0.7	19.5	13.38	4425	35.28	20.12	40.86	-0.16	64
0.72	19.5	13.38	4421	35.28	20.12	41.27	-0.16	64
0.76	19.11	13.38	4422	35.28	20.12	41.4	-0.16	64
0.78	19.11	13.52	4428	35.67	20.12	42.63	-0.16	64
0.82	19.5	13.52	4434	36.06	20.12	42.63	-0.16	64
0.84	19.5	13.52	4434	36.06	20.12	41.27	-0.16	64.62
0.86	19.5	13.52	4425	35.67	20.12	41	-0.16	64.62
0.9	19.5	13.38	4426	35.28	20.12	41.13	-0.16	64.62
0.92	19.5	13.23	4440	35.28	20.12	40.86	-0.16	64.62
0.94	19.5	13.23	4441	34.89	20.12	40.86	-0.16	64
0.98	19.5	13.23	4434	35.28	20.12	41.27	-0.16	64
1	19.5	13.38	4433	35.28	20.12	41.27	-0.16	64.62
1.02	19.5	13.38	4424	35.67	20.12	41.81	-0.16	64.62
1.06	19.11	13.38	4431	35.67	20.12	41.67	-0.16	64.62
1.08	19.11	13.38	4434	35.67	20.12	40.86	-0.16	64
1.12	19.11	13.38	4434	35.67	20.12	41.54	-0.16	64
1.14	19.11	13.38	4424	35.28	20.12	41	-0.16	64
1.18	19.11	13.38	4429	34.89	20.12	40.19	-0.16	64.62
1.22	19.5	13.38	4429	34.89	20.12	41.4	-0.16	64.62
1.24	19.5	13.38	4421	35.28	20.12	40.86	-0.16	64
1.26	19.11	13.52	4422	34.89	20.12	40.86	-0.16	64
1.3	19.11	13.52	4427	34.89	20.12	40.46	-0.16	64.62
1.32	19.5	13.38	4432	34.5	20.12	39.51	-0.16	64.62
1.34	19.5	13.38	4430	34.1	20.12	39.65	-0.16	64.62
1.38	19.5	13.38	4437	34.5	20.12	39.92	-0.16	64.62

1.42	19.5	13.38	4441	34.1	20.12	39.51	-0.16	64.62
1.44	19.5	13.52	4444	34.89	20.12	41.54	-0.16	64.62
1.48	19.5	13.52	4426	35.28	20.12	41.54	-0.16	64
1.5	19.5	13.67	4419	35.28	20.12	41.4	-0.16	64.62
1.54	19.11	13.67	4420	36.06	20.12	42.49	-0.16	64.62
1.56	19.11	13.52	4426	36.06	20.12	41.54	-0.16	64.62
1.6	19.5	13.52	4432	35.67	20.12	41.27	-0.16	64.62
1.64	19.5	13.52	4437	35.67	20.12	41.81	-0.16	64.62
1.66	19.5	13.52	4442	35.67	20.12	41.4	-0.16	64.62
1.7	19.5	13.52	4436	34.89	20.12	40.59	-0.16	64.62
1.72	19.89	13.38	4442	35.28	20.12	41.27	-0.16	64.62
1.74	19.5	13.38	4427	35.28	20.12	41.4	-0.16	64.62
1.78	19.5	13.52	4424	35.67	20.12	42.35	-0.16	64.62
1.82	19.5	13.52	4437	35.67	20.12	41.81	-0.16	64.62
1.84	19.5	13.52	4434	35.67	20.12	41.95	-0.16	64.62
1.86	19.5	13.52	4438	36.06	20.12	42.08	-0.16	64.62
1.9	19.5	13.52	4440	36.46	20.12	42.63	-0.16	64.62
1.92	19.5	13.52	4442	36.46	20.12	42.78	-0.16	64.62
1.96	19.5	13.52	4432	36.46	20.12	41.67	-0.16	64.62
1.98	19.5	13.52	4429	36.06	20.12	41.81	-0.16	64.62
2.02	19.11	13.38	4432	36.06	20.12	42.08	-0.16	64
2.06	19.11	13.38	4415	36.06	20.12	41.81	-0.16	64
2.08	19.11	13.38	4434	35.28	20.12	40.46	-0.16	64
2.12	19.11	13.38	4432	34.89	20.12	40.05	-0.16	64
2.16	19.11	13.23	4420	34.5	20.12	40.19	-0.16	64.62
2.18	19.11	13.23	4433	34.5	20.12	39.38	-0.16	64
2.22	19.5	13.38	4434	34.1	20.12	39.38	-0.16	64
2.24	19.5	13.38	4428	34.1	20.12	40.32	-0.16	64
2.28	19.5	13.38	4438	34.89	20.12	41.27	-0.16	64.62
2.32	19.5	13.38	4425	35.28	20.12	42.35	-0.16	64.62
2.34	19.5	13.52	4439	36.06	20.12	42.35	-0.16	64
2.36	19.5	13.52	4427	36.46	20.12	42.63	-0.16	64
2.38	19.11	13.67	4430	36.46	20.12	42.78	-0.16	64.62
2.42	19.5	13.52	4431	36.46	20.12	42.08	-0.16	64.62
2.44	19.89	13.52	4440	34.89	20.12	39.24	-0.16	64.62
2.48	19.5	13.38	4424	34.89	20.12	40.73	-0.16	64.62
2.53	19.5	13.38	4428	35.28	20.12	40.86	-0.16	64.62
2.54	19.5	13.52	4443	34.89	20.12	41	-0.16	64.62
2.59	19.5	13.52	4429	35.67	20.12	42.35	-0.16	64
2.62	19.5	13.52	4417	35.67	20.12	41.81	-0.16	64
2.64	18.72	13.52	4415	36.06	20.12	42.5	-0.16	64
2.68	18.33	13.67	4408	36.46	20.12	42.36	-0.16	64
2.7	18.72	13.67	4422	36.46	20.12	40.86	-0.16	64
2.72	18.72	13.67	4411	35.28	20.12	39.38	-0.16	64
2.76	18.33	13.52	4408	34.1	20.12	38.05	-0.16	64
2.8	17.94	13.38	4409	33.71	20.12	38.04	-0.16	64
2.82	17.94	13.08	4416	32.54	20.12	37.66	-0.16	64

2.86	18.33	13.08	4396	32.54	20.12	37.03	-0.16	64
2.88	18.33	13.23	4392	32.14	20.12	36.53	-0.16	64
2.92	18.33	13.23	4401	31.36	20.12	35.65	-0.16	64
2.96	18.33	13.23	4413	30.97	20.12	35.65	-0.16	64
2.98	18.33	13.23	4415	30.97	20.12	36.28	-0.16	64
3	18.72	13.23	4415	30.97	20.12	35.65	-0.16	64
3.04	18.72	13.38	4415	31.36	20.12	36.78	-0.16	64
3.08	18.72	13.52	4414	32.54	20.12	38.57	-0.16	64
3.12	18.72	13.67	4408	33.32	20.12	39.51	-0.16	64
3.14	18.33	13.82	4407	33.71	20.12	38.57	-0.16	64
3.18	18.33	13.82	4404	33.32	20.12	38.57	-0.16	64
3.24	18.33	13.82	4409	33.71	20.12	38.97	-0.16	64
3.26	18.33	13.67	4401	33.32	20.12	37.79	-0.16	64
3.28	17.94	13.67	4395	32.54	20.12	36.53	-0.16	64
3.32	18.33	13.52	4403	32.14	20.12	36.66	-0.16	64
3.34	18.33	13.38	4406	32.14	20.12	37.03	-0.16	64
3.36	18.33	13.23	4406	32.14	20.12	36.91	-0.16	64
3.4	18.33	13.23	4390	31.75	20.12	35.78	-0.16	64
3.42	18.33	13.23	4389	31.36	20.12	35.9	-0.16	64
3.44	18.33	13.23	4391	31.36	20.12	37.03	-0.16	64
3.48	18.33	13.23	4393	31.75	20.12	37.41	-0.16	63.38
3.52	18.33	13.38	4376	32.54	20.12	38.3	-0.16	63.38
3.54	18.33	13.52	4388	32.93	20.12	38.05	-0.16	63.38
3.56	18.33	13.52	4390	32.93	20.12	37.79	-0.16	63.38
3.6	18.33	13.52	4388	32.54	20.12	37.03	-0.16	63.38
3.62	18.33	13.52	4384	32.14	20.12	36.66	-0.16	63.38
3.64	18.33	13.52	4377	31.75	20.12	36.28	-0.16	63.38
3.66	18.72	13.38	4392	31.75	20.12	35.78	-0.16	63.38
3.68	18.72	13.38	4392	30.97	20.12	36.03	-0.16	63.38
3.74	18.72	13.38	4381	31.36	20.12	37.03	-0.16	63.38
3.76	18.72	13.38	4393	32.54	20.12	38.97	-0.16	63.38
3.78	18.72	13.52	4396	32.93	20.12	38.17	-0.16	63.38
3.8	18.33	13.67	4384	33.32	20.12	38.84	-0.16	63.38
3.84	18.72	13.82	4374	33.71	20.12	39.11	-0.16	63.38
3.88	18.72	13.82	4383	34.1	20.12	38.97	-0.16	63.38
3.9	18.33	13.82	4383	34.1	20.12	38.57	-0.16	63.38
3.92	18.72	13.67	4369	33.71	20.12	38.7	-0.16	63.38
3.96	18.72	13.67	4369	33.71	20.12	38.3	-0.16	63.38
3.98	18.72	13.52	4368	33.32	20.12	38.04	-0.16	63.38
4.02	18.72	13.38	4369	33.71	20.12	38.05	-0.16	63.38
4.06	18.72	13.38	4378	33.71	20.12	38.84	-0.16	63.38
4.08	18.72	13.38	4373	33.32	20.12	37.41	-0.16	63.38
4.12	18.33	13.38	4373	32.93	20.12	37.91	-0.16	63.38
4.14	18.33	13.38	4354	33.32	20.12	38.57	-0.16	63.38
4.16	18.33	13.52	4352	33.32	20.12	38.05	-0.16	63.38
4.2	18.33	13.52	4365	33.32	20.12	38.04	-0.16	63.38
4.22	18.33	13.52	4363	33.71	20.12	38.84	-0.16	63.38

4.24	18.33	13.52	4365	33.32	20.12	37.53	-0.16	63.38
4.28	18.33	13.52	4355	32.93	20.12	37.16	-0.16	63.38
4.3	18.33	13.52	4360	32.93	20.12	37.41	-0.16	63.38
4.34	18.72	13.52	4353	32.93	20.12	37.66	-0.16	63.38
4.38	18.72	13.38	4362	32.54	20.12	37.03	-0.16	63.38
4.4	18.33	13.38	4361	32.54	20.12	39.24	-0.16	63.38
4.44	18.33	13.38	4359	33.71	20.12	39.38	-0.16	63.38
4.46	18.33	13.38	4349	34.1	20.12	38.7	-0.16	63.38
4.5	18.33	13.52	4359	33.71	20.12	37.79	-0.16	63.38
4.52	18.33	13.52	4346	33.32	20.12	38.3	-0.16	63.38
4.54	18.72	13.52	4348	32.93	20.12	37.28	-0.16	63.38
4.58	18.72	13.38	4352	32.93	20.12	38.31	-0.16	63.38
4.6	18.72	13.38	4338	32.54	20.12	36.66	-0.16	63.38
4.62	18.72	13.38	4344	32.93	20.12	37.91	-0.16	62.76
4.66	18.33	13.38	4346	32.93	20.12	37.16	-0.16	62.76
4.7	18.33	13.38	4352	32.93	20.12	37.79	-0.16	63.38
4.72	18.72	13.38	4341	33.71	20.12	39.11	-0.16	63.38
4.74	18.72	13.52	4340	33.71	20.12	38.43	-0.16	62.76
4.78	18.72	13.52	4335	33.71	20.12	38.7	-0.16	62.76
4.82	18.72	13.67	4337	33.71	20.12	38.3	-0.16	62.76
4.84	18.72	13.67	4344	33.71	20.12	37.91	-0.16	62.76
4.86	18.33	13.67	4341	33.32	20.12	37.91	-0.16	62.76
4.9	18.72	13.52	4344	33.71	20.12	38.97	-0.16	62.76
4.92	18.72	13.52	4328	33.71	20.12	38.06	-0.16	62.76
4.96	18.72	13.52	4336	33.32	20.12	37.28	-0.16	62.76
5	18.72	13.52	4325	32.93	20.12	37.79	-0.16	62.76
5.02	18.72	13.52	4328	33.32	20.12	38.04	-0.16	62.76
5.04	18.72	13.38	4315	33.32	20.12	38.3	-0.16	62.76
5.08	18.33	13.38	4329	33.71	20.12	38.17	-0.16	62.76
5.1	18.72	13.38	4331	34.1	20.12	39.24	-0.16	62.76
5.14	18.72	13.38	4324	33.32	20.12	37.28	-0.16	62.76
5.18	19.11	13.38	4323	33.71	20.12	38.7	-0.16	62.76
5.2	19.5	13.38	4327	33.71	20.12	38.84	-0.16	62.76
5.24	19.5	13.52	4334	33.71	20.12	38.44	-0.16	62.76
5.26	19.11	13.52	4326	34.1	20.12	40.32	-0.16	62.76
5.28	19.11	13.52	4314	35.28	20.12	41.67	-0.16	62.76
5.32	18.72	13.52	4313	36.06	20.12	42.5	-0.16	62.76
5.34	18.33	13.67	4301	36.85	20.12	41.81	-0.16	62.76
5.36	18.33	13.67	4290	36.85	20.12	41.27	-0.16	62.76
5.4	17.94	13.67	4300	36.06	20.12	39.11	-0.16	62.76
5.42	18.33	13.38	4303	34.5	20.12	37.41	-0.16	62.76
5.46	18.33	13.23	4291	33.32	20.12	36.78	-0.16	62.76
5.5	18.33	12.94	4305	32.54	20.12	36.03	-0.16	62.14
5.52	18.72	12.94	4303	32.14	20.12	35.4	-0.16	62.14
5.56	19.11	12.94	4289	32.14	20.12	37.03	-0.16	62.14
5.58	19.11	13.08	4287	32.54	20.12	37.28	-0.16	62.14
5.62	19.11	13.23	4293	34.1	20.12	39.92	-0.16	62.14

5.64	18.72	13.38	4297	34.89	20.12	40.59	-0.16	62.14
5.68	18.72	13.38	4294	35.67	20.12	40.46	-0.16	62.14
5.7	19.11	13.52	4295	35.67	20.12	40.32	-0.16	62.14
5.72	19.11	13.52	4288	35.67	20.12	40.46	-0.16	62.14
5.74	19.11	13.52	4291	35.67	20.12	40.46	-0.16	62.14
5.78	19.5	13.52	4279	36.06	20.12	40.32	-0.16	62.14
5.8	19.5	13.38	4276	35.67	20.12	39.65	-0.16	62.14
5.84	19.5	13.23	4271	35.67	20.12	39.24	-0.16	62.14
5.86	19.5	13.23	4274	35.28	20.12	39.38	-0.16	62.14
5.9	19.5	13.08	4273	36.06	20.12	41.67	-0.16	62.14
5.92	19.5	13.23	4276	36.85	20.12	42.63	-0.16	62.14
5.94	19.89	13.23	4281	37.63	20.12	42.08	-0.16	62.14
5.98	20.28	13.38	4273	37.24	20.12	41.67	-0.16	62.14
6.02	20.67	13.38	4276	37.24	20.12	41.81	-0.16	62.14
6.04	20.67	13.23	4284	36.85	20.12	41.95	-0.16	62.14
6.08	20.67	13.23	4274	38.02	20.12	44.73	-0.16	62.14
6.1	20.67	13.38	4281	39.59	20.12	46.22	-0.16	62.14
6.14	20.67	13.52	4279	40.38	20.12	45.62	-0.16	62.14
6.16	20.67	13.52	4266	40.77	20.12	45.92	-0.16	62.14
6.18	20.67	13.52	4260	40.38	20.12	45.62	-0.16	62.14
6.22	20.67	13.38	4266	40.77	20.12	46.07	-0.16	62.14
6.24	20.67	13.38	4274	40.77	20.12	45.92	-0.16	62.14
6.28	20.67	13.23	4259	41.16	20.12	46.52	-0.16	62.14
6.31	21.06	13.23	4269	41.16	20.12	45.92	-0.16	62.14
6.34	21.06	13.08	4263	41.16	20.12	46.22	-0.16	62.14
6.36	21.45	13.08	4275	41.55	20.12	46.22	-0.16	62.14
6.38	22.23	13.08	4271	41.55	20.12	46.37	-0.16	62.14
6.42	22.62	12.94	4266	41.55	20.12	47.57	-0.16	62.14
6.44	22.62	12.94	4263	42.73	20.12	49.51	-0.16	62.14
6.46	22.62	12.94	4268	44.3	20.12	52.17	-0.16	62.14
6.5	22.62	13.08	4278	45.86	20.12	53.17	-0.16	62.14
6.52	22.62	13.23	4279	47.43	20.12	53.51	-0.16	62.14
6.58	22.23	13.23	4258	47.43	20.12	53.01	-0.16	62.14
6.58	22.23	13.23	4275	47.04	20.12	52.17	-0.16	62.14
6.63	22.23	13.08	4276	47.04	20.12	52.34	-0.16	62.14
6.66	22.23	13.08	4257	46.26	20.12	51.5	-0.16	62.14
6.68	22.23	12.94	4253	46.26	20.12	52.17	-0.16	62.14
6.72	22.23	12.94	4266	46.65	20.12	52	-0.16	62.14
6.76	22.62	12.94	4279	46.65	20.12	52.5	-0.16	62.14
6.8	22.62	12.79	4272	46.65	20.12	52.5	-0.16	62.14
6.82	22.62	12.79	4263	47.04	20.12	53.51	-0.16	62.14
6.84	22.62	12.94	4273	47.43	20.12	53.67	-0.16	62.14
6.88	22.62	12.94	4267	47.43	20.12	53.17	-0.16	62.14
6.92	22.62	12.94	4266	47.82	20.12	54.51	-0.16	62.14
6.94	22.62	12.94	4275	47.82	20.12	53.84	-0.16	62.14
6.96	22.62	12.94	4264	48.22	20.12	55.35	-0.16	62.14
7	22.62	12.94	4279	48.22	20.12	54.51	-0.16	62.14

7.02	22.62	12.94	4265	48.61	20.12	54.51	-0.16	62.14
7.06	22.62	12.94	4266	48.61	20.12	54.34	-0.16	62.14
7.08	22.62	12.94	4273	48.22	20.12	55.01	-0.16	62.14
7.12	22.62	12.94	4266	48.22	20.12	53.01	-0.16	62.14
7.14	22.62	12.94	4282	47.82	20.12	54.51	-0.16	62.14
7.16	22.62	12.94	4267	48.22	20.12	53.84	-0.16	62.14
7.2	22.62	12.94	4281	48.22	20.12	54.18	-0.16	62.14
7.23	22.62	12.94	4281	48.61	20.12	54.01	-0.16	62.14
7.26	22.62	12.94	4267	48.22	20.12	53.84	-0.16	62.14
7.3	22.62	12.94	4276	48.22	20.12	54.51	-0.16	62.14
7.34	22.62	12.94	4270	48.61	20.12	54.51	-0.16	62.14
7.38	22.23	12.94	4282	48.22	20.12	53.84	-0.16	62.14
7.4	22.23	12.79	4281	48.22	20.12	54.18	-0.16	62.14
7.44	22.23	12.79	4276	47.43	20.12	52	-0.16	62.14
7.49	22.23	12.79	4271	46.65	20.12	51.67	-0.16	62.14
7.5	22.23	12.79	4286	46.65	20.12	52.5	-0.16	62.14
7.52	22.23	12.79	4288	46.26	20.12	51.83	-0.16	62.14
7.57	22.23	12.79	4284	46.65	20.12	52.84	-0.16	62.14
7.6	22.23	12.79	4283	47.04	20.12	52.84	-0.16	62.14
7.62	21.84	12.79	4273	46.65	20.12	51.5	-0.16	62.14
7.64	21.84	12.79	4286	46.26	20.12	51.83	-0.16	62.14
7.66	21.84	12.79	4282	45.86	20.12	50.83	-0.16	62.14
7.73	21.84	12.79	4274	45.47	20.12	50.5	-0.16	62.14
7.74	21.84	12.79	4278	45.47	20.12	51.16	-0.16	62.14
7.79	21.84	12.79	4280	45.08	20.12	50.5	-0.16	62.14
7.8	21.84	12.79	4284	45.08	20.12	50.16	-0.16	62.14
7.85	21.84	12.79	4267	44.69	20.12	50.33	-0.16	62.14
7.86	21.84	12.79	4272	44.69	20.12	50.16	-0.16	62.14
7.9	22.23	12.79	4277	45.08	20.12	50.83	-0.16	62.14
7.92	22.23	12.79	4286	44.69	20.12	49.83	-0.16	62.14
7.94	22.23	12.79	4281	44.69	20.12	50.5	-0.16	62.14
7.96	22.23	12.79	4279	44.69	20.12	50.5	-0.16	62.14
8.02	22.62	12.94	4280	45.47	20.12	51.16	-0.16	62.14
8.04	22.23	12.94	4282	46.26	20.12	53.67	-0.16	62.14
8.08	22.62	12.94	4283	47.43	20.12	54.34	-0.16	62.14
8.12	22.23	13.08	4288	47.43	20.12	53.17	-0.16	62.14
8.14	22.23	13.08	4282	47.04	20.12	53.01	-0.16	62.14
8.18	22.23	12.94	4291	47.04	20.12	52.5	-0.16	62.14
8.22	22.23	12.79	4281	47.04	20.12	53.17	-0.16	62.14
8.24	22.23	12.79	4282	47.04	20.12	52.17	-0.16	62.14
8.26	22.23	12.79	4293	47.04	20.12	53.51	-0.16	62.14
8.28	22.23	12.79	4293	47.04	20.12	52.5	-0.16	62.14
8.32	22.23	12.79	4300	46.65	20.12	51.67	-0.16	62.14
8.36	22.23	12.79	4288	45.86	20.12	51.67	-0.16	62.14
8.38	22.62	12.79	4291	46.26	20.12	52.5	-0.16	62.14
8.4	22.62	12.79	4293	46.26	20.12	52.5	-0.16	62.14
8.44	22.62	12.79	4295	46.65	20.12	52.67	-0.16	62.14

8.46	22.62	12.94	4290	46.65	20.12	52.84	-0.16	62.14
8.48	22.62	12.94	4297	47.04	20.12	53.01	-0.16	62.14
8.52	22.62	12.94	4298	47.43	20.12	54.01	-0.16	62.14
8.54	22.62	12.94	4307	47.43	20.12	54.18	-0.16	62.14
8.56	22.62	12.94	4303	47.82	20.12	54.01	-0.16	62.14
8.58	22.62	12.94	4292	47.82	20.12	53.84	-0.16	62.14
8.62	22.62	12.94	4292	47.82	20.12	54.01	-0.16	62.14
8.66	22.62	12.94	4291	47.82	20.12	53.51	-0.16	62.14
8.68	22.62	12.79	4307	47.04	20.12	52	-0.16	62.14
8.72	22.62	12.79	4295	47.04	20.12	52.67	-0.16	62.14
8.74	23.01	12.79	4299	47.04	20.12	53.51	-0.16	62.76
8.76	23.01	12.94	4309	47.04	20.12	53.51	-0.16	62.14
8.78	22.62	12.94	4307	47.43	20.12	54.68	-0.16	62.76
8.82	22.62	12.94	4304	48.22	20.12	55.52	-0.16	62.76
8.84	22.62	12.94	4305	49	20.12	56.35	-0.16	62.76
8.86	22.62	12.94	4300	49.39	20.12	56.52	-0.16	62.76
8.9	22.62	13.08	4300	49.39	20.12	55.35	-0.16	62.76
8.92	22.62	12.94	4298	49	20.12	55.18	-0.16	62.76
8.94	22.62	12.94	4308	48.61	20.12	54.68	-0.16	62.76
8.98	22.62	12.79	4317	48.22	20.12	53.34	-0.16	62.76
9	22.62	12.79	4304	47.43	20.12	53.67	-0.16	62.76
9.02	22.62	12.79	4320	47.43	20.12	52.84	-0.16	62.76
9.06	22.62	12.79	4322	47.43	20.12	54.68	-0.16	62.76
9.08	22.62	12.79	4310	47.82	20.12	53.84	-0.16	62.76
9.1	22.62	12.79	4317	47.82	20.12	53.51	-0.16	62.76
9.14	22.62	12.79	4309	47.82	20.12	54.85	-0.16	62.76
9.16	22.62	12.79	4307	48.22	20.12	54.51	-0.16	62.76
9.2	22.62	12.79	4314	48.22	20.12	54.68	-0.16	62.76
9.22	22.62	12.79	4323	48.61	20.12	55.18	-0.16	62.76
9.24	22.62	12.79	4325	48.61	20.12	54.51	-0.16	62.76
9.28	22.62	12.79	4318	48.22	20.12	54.85	-0.16	62.76
9.3	22.62	12.79	4314	48.22	20.12	53.84	-0.16	62.76
9.34	22.62	12.79	4331	47.04	20.12	53.17	-0.16	62.76
9.38	22.62	12.79	4327	47.43	20.12	54.18	-0.16	62.76
9.42	22.62	12.79	4330	47.43	20.12	53.84	-0.16	62.76
9.44	22.23	12.79	4322	47.43	20.12	54.34	-0.16	62.76
9.46	22.23	12.79	4335	47.43	20.12	54.01	-0.16	62.76
9.5	22.23	12.79	4336	47.04	20.12	52.84	-0.16	62.76
9.52	22.23	12.79	4325	46.65	20.12	53.01	-0.16	62.76
9.55	22.23	12.79	4330	46.65	20.12	52.5	-0.16	62.76
9.58	22.23	12.79	4338	46.26	20.12	51.33	-0.16	62.76
9.6	22.23	12.79	4323	45.86	20.12	52.34	-0.16	62.76
9.64	22.23	12.79	4323	45.86	20.12	52.5	-0.16	62.76
9.66	22.23	12.79	4322	46.26	20.12	52.84	-0.16	62.76
9.7	22.23	12.79	4336	46.65	20.12	52.84	-0.16	62.76
9.74	22.23	12.79	4329	46.26	20.12	51.5	-0.16	62.76
9.76	22.23	12.79	4324	45.47	20.12	51.33	-0.16	62.76

9.78	22.23	12.79	4326	45.86	20.12	52.5	-0.16	62.76
9.8	22.23	12.79	4343	45.86	20.12	52.34	-0.16	62.76
9.84	22.23	12.79	4347	45.86	20.12	53.01	-0.16	62.76
9.86	22.23	12.79	4349	45.86	20.12	51.5	-0.16	62.76
9.9	22.23	12.94	4346	45.86	20.12	52.84	-0.16	62.76
9.92	22.23	12.79	4350	46.26	20.12	53.17	-0.16	62.76
9.96	22.23	12.94	4341	46.65	20.12	53.84	-0.16	62.76
9.98	22.23	12.94	4337	47.04	20.12	53.84	-0.16	63.38
10.02	22.23	12.79	4345	46.65	20.12	53.01	-0.16	62.76
10.04	22.23	12.79	4351	46.65	20.12	53.34	-0.16	62.76
10.06	22.23	12.79	4340	46.65	20.12	52.84	-0.16	62.76
10.1	22.23	12.79	4341	46.26	20.12	52.67	-0.16	63.38
10.12	22.23	12.64	4341	46.26	20.12	52.17	-0.16	63.38
10.16	22.23	12.64	4352	45.47	20.12	52.17	-0.16	63.38
10.18	22.23	12.64	4351	45.86	20.12	52.84	-0.16	63.38
10.2	22.23	12.79	4354	45.86	20.12	52.17	-0.16	63.38
10.24	22.23	12.79	4358	45.47	20.12	51	-0.16	63.38
10.28	22.23	12.79	4348	45.08	20.12	52.17	-0.16	63.38
10.32	22.23	12.79	4363	45.08	20.12	50.83	-0.16	63.38
10.36	22.23	12.94	4356	45.08	20.12	52	-0.16	63.38
10.38	22.23	12.94	4365	45.47	20.12	52.67	-0.16	63.38
10.42	22.23	12.94	4354	46.26	20.12	53.34	-0.16	63.38
10.44	22.23	12.94	4370	46.65	20.12	53.67	-0.16	63.38
10.48	22.23	12.94	4353	46.65	20.12	53.01	-0.16	63.38
10.52	22.23	12.94	4365	46.26	20.12	52.34	-0.16	63.38
10.54	22.23	12.79	4370	46.26	20.12	53.01	-0.16	63.38
10.56	22.23	12.79	4361	46.26	20.12	52.84	-0.16	63.38
10.58	22.23	12.79	4363	45.86	20.12	51.67	-0.16	63.38
10.62	22.23	12.79	4359	45.47	20.12	52.17	-0.16	63.38
10.66	22.23	12.79	4361	45.86	20.12	52.84	-0.16	63.38
10.68	22.23	12.79	4362	45.86	20.12	52.84	-0.16	63.38
10.72	21.84	12.79	4360	45.86	20.12	52.67	-0.16	63.38
10.74	21.84	12.79	4361	45.86	20.12	54.01	-0.16	63.38
10.76	21.84	12.79	4374	46.26	20.12	53.84	-0.16	63.38
10.8	21.84	12.79	4364	46.26	20.12	52.84	-0.16	63.38
10.84	21.84	12.79	4363	45.08	20.12	50.5	-0.16	63.38
10.88	22.23	12.64	4378	44.3	20.12	50.16	-0.16	63.38
10.9	22.62	12.64	4377	44.3	20.12	50.83	-0.16	63.38
10.92	22.23	12.64	4380	44.3	20.12	51.83	-0.16	63.38
10.96	22.23	12.64	4387	44.69	20.12	52.34	-0.16	63.38
10.98	22.23	12.79	4385	45.47	20.12	52.84	-0.16	63.38
11.02	22.23	12.94	4378	45.86	20.12	53.17	-0.16	63.38
11.04	22.23	12.94	4386	46.26	20.12	53.01	-0.16	63.38
11.08	21.84	12.94	4383	45.86	20.12	52.5	-0.16	63.38
11.1	21.84	12.94	4379	45.86	20.12	52.34	-0.16	63.38
11.14	21.84	12.79	4391	45.08	20.12	51.5	-0.16	63.38
11.18	21.84	12.79	4393	44.69	20.12	50.16	-0.16	64

11.2	22.23	12.64	4386	43.9	20.12	49.68	-0.16	64
11.25	22.23	12.64	4396	43.9	20.12	50.16	-0.16	64
11.26	22.23	12.79	4389	43.51	20.12	50.5	-0.16	64
11.28	22.23	12.79	4385	44.3	20.12	52.34	-0.16	64
11.32	22.23	12.94	4389	45.08	20.12	53.17	-0.16	64
11.36	22.23	12.94	4392	45.47	20.12	52.67	-0.16	64
11.38	22.23	13.08	4398	45.47	20.12	53.34	-0.16	64
11.42	21.84	13.08	4390	45.86	20.12	51.83	-0.16	64
11.44	22.23	13.08	4391	45.08	20.12	51.33	-0.16	64
11.48	22.23	12.94	4402	44.3	20.12	49.21	-0.16	64
11.5	21.84	12.94	4402	43.51	20.12	49.83	-0.16	64
11.52	21.84	12.94	4397	43.51	20.12	50.83	-0.16	64
11.56	21.84	12.79	4406	43.9	20.12	51.67	-0.16	64
11.59	21.84	12.94	4409	44.3	20.12	51.83	-0.16	64
11.64	21.45	12.94	4401	44.3	20.12	50.83	-0.16	64
11.66	21.06	12.94	4401	43.9	20.12	50.66	-0.16	64
11.7	21.45	12.94	4412	43.9	20.12	51.5	-0.16	64
11.72	21.45	12.94	4413	43.9	20.12	50.33	-0.16	64
11.76	21.45	12.94	4414	42.73	20.12	49.06	-0.16	64
11.8	21.45	12.79	4418	42.73	20.12	49.51	-0.16	64
11.84	21.84	12.79	4423	42.34	20.12	48.91	-0.16	64
11.86	21.45	12.79	4420	41.94	20.12	48.46	-0.16	64
11.9	21.45	12.79	4419	41.94	20.12	48.91	-0.16	64
11.92	21.06	12.79	4414	42.73	20.12	49.68	-0.16	64
11.98	20.28	12.94	4412	42.73	20.12	49.06	-0.16	64
12	20.28	12.94	4421	41.94	20.12	48.76	-0.16	64
12.04	20.67	13.08	4417	41.55	20.12	46.82	-0.16	64
12.06	20.67	13.08	4428	40.77	20.12	45.92	-0.16	64
12.1	20.67	13.08	4416	39.98	20.12	46.07	-0.16	64
12.12	21.06	12.94	4421	39.59	20.12	45.62	-0.16	64
12.16	20.67	12.94	4423	39.59	20.12	46.22	-0.16	64
12.18	20.67	12.94	4433	39.98	20.12	47.42	-0.16	64
12.2	20.67	12.94	4423	40.77	20.12	48.76	-0.16	64
12.26	20.67	13.08	4433	41.55	20.12	48.61	-0.16	64
12.28	20.67	13.08	4420	41.55	20.12	47.87	-0.16	64
12.32	20.67	13.08	4434	41.55	20.12	48.01	-0.16	64.62
12.36	20.67	13.08	4425	40.77	20.12	47.12	-0.16	64
12.38	20.67	13.08	4434	40.38	20.12	46.67	-0.16	64
12.42	20.67	12.94	4433	39.98	20.12	46.37	-0.16	64.62
12.44	20.67	12.94	4436	39.98	20.12	46.82	-0.16	64
12.46	20.67	12.94	4431	39.98	20.12	46.22	-0.16	64
12.5	20.67	12.94	4433	39.59	20.12	45.92	-0.16	64
12.54	20.67	12.94	4425	39.98	20.12	47.12	-0.16	64.62
12.56	20.67	13.08	4441	40.38	20.12	47.57	-0.16	64.62
12.58	20.67	13.08	4440	40.77	20.12	47.42	-0.16	64.62
12.62	20.67	13.23	4437	40.38	20.12	46.82	-0.16	64
12.64	20.67	13.23	4426	40.38	20.12	46.37	-0.16	64.62

12.66	20.67	13.08	4435	39.98	20.12	46.52	-0.16	64.62
12.7	20.28	13.08	4437	39.98	20.12	45.92	-0.16	64.62
12.72	20.28	13.08	4442	38.81	20.12	44.58	-0.16	64.62
12.74	20.28	12.94	4445	38.81	20.12	45.47	-0.16	64.62
12.78	20.67	12.94	4446	39.2	20.12	45.77	-0.16	64.62
12.8	20.28	13.08	4446	39.2	20.12	46.07	-0.16	64.62
12.82	20.28	13.08	4441	38.81	20.12	43.98	-0.16	64.62
12.86	19.89	13.23	4427	38.81	20.12	45.62	-0.16	64.62
12.9	19.89	13.23	4437	38.42	20.12	44.88	-0.16	64.62
12.94	19.89	13.23	4449	38.02	20.12	43.98	-0.16	64.62
12.96	19.89	13.23	4444	37.63	20.12	43.38	-0.16	64.62
12.98	19.89	13.23	4442	37.24	20.12	43.83	-0.16	64.62
13.02	19.89	13.23	4443	37.24	20.12	43.23	-0.16	64.62
13.06	19.89	13.23	4456	36.85	20.12	43.08	-0.16	64.62
13.08	19.5	13.23	4442	36.85	20.12	43.68	-0.16	64.62
13.1	19.11	13.23	4445	37.24	20.12	42.5	-0.16	64.62
13.14	18.72	13.23	4438	37.24	20.12	43.53	-0.16	64.62
13.16	18.72	13.23	4435	36.85	20.12	41.81	-0.16	64.62
13.18	17.55	13.23	4441	36.46	20.12	42.36	-0.16	64.62
13.2	15.6	13.23	4433	36.06	20.12	40.05	-0.16	64.62
13.24	15.21	13.23	4435	34.5	20.12	38.31	-0.16	64.62
13.26	14.82	13.08	4437	32.54	20.12	33.47	-0.16	64.62
13.28	14.82	13.08	4434	30.18	20.12	31.62	-0.16	64.62
13.3	14.43	13.08	4428	27.83	20.12	29.35	-0.16	64.62
13.32	14.04	12.79	4422	26.26	20.12	28.12	-0.16	64.62
13.36	13.65	12.79	4422	24.7	20.12	27.29	-0.16	64.62
13.38	13.65	12.79	4427	23.52	20.12	26.04	-0.16	64.62
13.42	13.26	12.79	4432	22.34	20.12	24.89	-0.16	64.62
13.44	13.26	12.79	4443	21.56	20.12	24.22	-0.16	64.62
13.47	13.26	12.79	4426	21.17	20.12	23.95	-0.16	64.62
13.5	12.48	12.79	4428	20.38	20.12	22.84	-0.16	64.62
13.52	12.48	12.79	4418	19.6	20.12	21.89	-0.16	64.62
13.54	12.48	12.94	4425	19.6	20.12	22.23	-0.16	64
13.58	12.48	12.94	4430	19.21	20.12	21.55	-0.16	64.62
13.62	12.87	12.94	4429	18.42	17.78	20.52	-0.16	64
13.64	12.87	12.94	4414	17.64	16.22	20.28	-0.16	64
13.66	12.87	12.94	4410	17.25	14.66	19.58	-0.16	64
13.7	13.65	12.79	4415	16.86	13.1	19.11	-0.16	64
13.74	13.26	12.79	4415	17.25	11.54	20.2	-0.16	64
13.76	13.26	12.94	4399	17.25	9.98	20.36	-0.16	64
13.78	13.65	13.08	4409	17.64	9.2	20.75	-0.16	64
13.8	14.82	13.23	4409	18.03	9.2	21.37	-0.16	64
13.82	15.21	13.38	4412	18.42	8.42	21.63	-0.16	64
13.86	15.21	13.38	4400	18.42	7.64	22.06	-0.16	64
13.9	15.21	13.52	4404	19.21	8.42	23.35	-0.16	64
13.92	15.6	13.82	4427	20.78	9.98	26.33	-0.16	64
13.94	15.6	13.96	4439	21.95	10.76	26.62	-0.16	64

13.98	15.21	14.11	4452	22.34	10.76	26.52	-0.16	64
14	15.21	14.41	4474	22.74	12.32	27.1	-0.16	64
14.04	15.21	14.55	4456	23.13	12.32	27.5	-0.16	64
14.06	15.21	14.55	4408	23.52	13.1	27.19	-0.16	64
14.1	15.6	14.55	4377	23.52	13.88	27.6	-0.16	64
14.12	16.38	14.55	4405	23.91	14.66	27.4	-0.16	64
14.14	17.16	14.55	4415	23.52	15.44	27	-0.16	64
14.18	17.55	14.41	4433	23.52	15.44	27.81	-0.16	64
14.22	17.55	14.26	4426	23.91	16.22	29.35	-0.16	64
14.25	17.55	14.11	4410	25.87	16.22	31.97	-0.16	64
14.28	17.55	14.11	4395	27.05	17	32.89	-0.16	64
14.3	17.16	14.26	4418	28.22	17	33.57	-0.16	64
14.32	16.38	14.41	4423	28.62	17	34.27	-0.16	64
14.36	16.38	14.41	4422	29.4	17	34.4	-0.16	64
14.41	16.38	14.41	4412	29.4	17.78	34.52	-0.16	64
14.42	16.38	14.41	4416	29.4	17.78	33.35	-0.16	64
14.44	15.99	14.26	4421	28.62	17.78	31.74	-0.16	64
14.46	15.99	14.11	4421	27.83	20.12	31.51	-0.16	64
14.5	16.38	13.96	4407	27.44	20.12	31.28	-0.16	64
14.52	16.38	13.67	4420	27.05	20.12	30.94	-0.16	64
14.56	16.38	13.38	4427	26.26	20.12	29.86	-0.16	64
14.58	16.38	13.23	4416	25.87	20.12	29.55	-0.16	64
14.62	16.38	13.23	4423	25.87	20.12	29.45	-0.16	64
14.64	16.38	13.23	4420	25.48	20.12	28.94	-0.16	64
14.68	16.38	13.23	4422	25.09	20.12	29.35	-0.16	64
14.7	16.38	13.38	4415	25.48	20.12	29.76	-0.16	64
14.74	15.99	13.38	4417	25.48	20.12	29.97	-0.16	64
14.76	15.99	13.52	4410	26.26	20.12	30.49	-0.16	64
14.8	15.99	13.67	4407	26.26	20.12	30.61	-0.16	64
14.82	15.99	13.67	4414	26.26	20.12	29.76	-0.16	64
14.86	16.38	13.67	4411	25.87	20.12	29.97	-0.16	64
14.88	16.38	13.67	4427	25.87	20.12	29.97	-0.16	64
14.9	16.38	13.52	4413	25.87	20.12	30.38	-0.16	64
14.94	16.77	13.52	4411	26.26	20.12	30.38	-0.16	64
14.98	16.77	13.67	4421	26.26	20.12	30.27	-0.16	64
15.02	16.38	13.67	4427	25.87	20.12	29.97	-0.16	64
15.06	16.38	13.52	4418	26.66	20.12	31.62	-0.16	64
15.08	16.38	13.52	4423	27.05	20.12	31.85	-0.16	64
15.12	16.38	13.52	4424	27.44	20.12	31.97	-0.16	64
15.14	16.38	13.67	4424	27.05	20.12	31.62	-0.16	64
15.19	16.38	13.67	4420	27.05	20.12	31.74	-0.16	64
15.2	16.38	13.67	4431	27.44	20.12	31.62	-0.16	64
15.25	16.38	13.67	4414	26.66	20.12	30.71	-0.16	64
15.26	16.38	13.67	4418	26.66	20.12	31.51	-0.16	64
15.28	16.38	13.67	4423	27.05	20.12	31.51	-0.16	64
15.32	16.38	13.67	4417	27.05	20.12	31.17	-0.16	64
15.34	16.38	13.67	4418	27.05	20.12	31.28	-0.16	64

15.38	16.38	13.67	4428	27.05	20.12	31.17	-0.16	64
15.4	16.38	13.67	4422	26.66	20.12	31.05	-0.16	64
15.44	16.38	13.67	4423	27.05	20.12	32.08	-0.16	64
15.46	16.38	13.67	4421	27.05	20.12	31.39	-0.16	64
15.48	16.77	13.67	4428	27.05	20.12	31.39	-0.16	64
15.52	16.38	13.67	4426	27.05	20.12	30.82	-0.16	64
15.56	16.38	13.67	4440	27.05	20.12	31.51	-0.16	64
15.58	16.38	13.52	4434	26.66	20.12	31.05	-0.16	64
15.6	16.38	13.52	4423	26.66	20.12	31.28	-0.16	64
15.64	16.38	13.52	4418	27.05	20.12	31.05	-0.16	64
15.69	16.38	13.52	4417	27.05	20.12	31.39	-0.16	64
15.7	16.38	13.52	4438	26.66	20.12	31.51	-0.16	64
15.74	16.38	13.52	4433	27.05	20.12	31.74	-0.16	64
15.76	16.38	13.67	4425	27.05	20.12	31.17	-0.16	64
15.78	16.38	13.67	4430	26.66	20.12	31.05	-0.16	64
15.82	16.38	13.67	4431	26.66	20.12	30.82	-0.16	64
15.84	16.77	13.67	4421	26.66	20.12	31.17	-0.16	64
15.88	16.77	13.67	4432	26.66	20.12	31.17	-0.16	64
15.92	16.77	13.67	4428	26.66	20.12	31.05	-0.16	64
15.94	16.77	13.67	4428	26.66	20.12	30.94	-0.16	64
15.96	16.77	13.67	4429	26.66	20.12	31.28	-0.16	64.62
16	17.16	13.67	4435	26.66	20.12	31.17	-0.16	64.62
16.04	17.16	13.67	4438	26.66	20.12	31.39	-0.16	64.62
16.08	17.16	13.67	4447	27.05	20.12	32.31	-0.16	64.62
16.12	17.16	13.82	4441	27.83	20.12	32.89	-0.16	64.62
16.14	16.77	13.82	4427	28.22	20.12	32.89	-0.16	64.62
16.16	16.77	13.82	4431	28.22	20.12	32.66	-0.16	64.62
16.2	16.77	13.82	4436	28.22	20.12	32.89	-0.16	64.62
16.22	16.77	13.82	4435	28.22	20.12	32.54	-0.16	64.62
16.27	17.16	13.67	4440	27.83	20.12	31.97	-0.16	64.62
16.28	17.16	13.52	4450	27.83	20.12	32.66	-0.16	64.62
16.33	17.16	13.52	4451	27.83	20.12	32.66	-0.16	64.62
16.34	17.16	13.52	4443	27.83	20.12	32.31	-0.16	64.62
16.38	17.16	13.52	4445	27.44	20.12	32.31	-0.16	64.62
16.42	17.16	13.52	4450	27.83	20.12	32.77	-0.16	64.62
16.44	17.16	13.67	4443	27.83	20.12	32.66	-0.16	64.62
16.46	17.16	13.67	4448	27.83	20.12	32.66	-0.16	64.62
16.48	17.16	13.67	4465	28.22	20.12	33.12	-0.16	64.62
16.5	17.16	13.67	4463	28.22	20.12	32.77	-0.16	64.62
16.54	17.16	13.67	4445	28.22	20.12	33.35	-0.16	64.62
16.57	16.77	13.52	4450	28.22	20.12	32.77	-0.16	64.62
16.6	16.38	13.52	4450	28.62	20.12	33.35	-0.16	64.62
16.62	16.38	13.52	4452	28.22	20.12	32.77	-0.16	64.62
16.66	16.38	13.52	4455	28.22	20.12	32.66	-0.16	64.62
16.71	16.38	13.52	4451	27.83	20.12	32.08	-0.16	64.62
16.72	16.77	13.52	4458	27.05	20.12	30.82	-0.16	64.62
16.74	16.77	13.52	4458	26.66	20.12	31.05	-0.16	64.62

16.8	16.77	13.52	4457	26.66	20.12	30.94	-0.16	64.62
16.82	17.16	13.38	4470	26.26	20.12	30.38	-0.16	64.62
16.86	16.77	13.38	4469	26.26	20.12	30.71	-0.16	64.62
16.88	16.77	13.52	4470	26.26	20.12	31.74	-0.16	64.62
16.9	16.77	13.52	4462	27.05	20.12	32.08	-0.16	64.62
16.94	16.77	13.67	4463	27.05	20.12	31.62	-0.16	64.62
16.98	16.77	13.82	4459	27.44	20.12	32.54	-0.16	64.62
17	16.77	13.82	4470	27.44	20.12	32.31	-0.16	64.62
17.02	16.38	13.82	4463	27.44	20.12	32.2	-0.16	64.62
17.06	16.38	13.82	4466	27.44	20.12	31.62	-0.16	64.62
17.08	16.38	13.67	4472	27.05	20.12	31.97	-0.16	64.62
17.1	16.38	13.67	4461	27.05	20.12	31.51	-0.16	64.62
17.15	16.38	13.67	4458	26.66	20.12	30.71	-0.16	64.62
17.16	16.38	13.67	4463	26.26	20.12	30.59	-0.16	64.62
17.2	16.38	13.67	4474	26.26	20.12	31.05	-0.16	65.24
17.24	16.77	13.52	4485	26.26	20.12	31.05	-0.16	65.24
17.26	16.77	13.67	4490	26.26	20.12	30.48	-0.16	65.24
17.3	16.77	13.67	4483	26.26	20.12	30.59	-0.16	65.24
17.32	16.77	13.67	4474	26.26	20.12	31.05	-0.16	65.24
17.34	16.77	13.67	4481	26.26	20.12	30.82	-0.16	65.24
17.38	16.77	13.67	4492	26.26	20.12	31.62	-0.16	65.24
17.42	16.77	13.82	4487	26.66	20.12	31.74	-0.16	65.24
17.44	16.77	13.82	4497	27.05	20.12	32.2	-0.16	65.24
17.46	16.77	13.82	4483	27.44	20.12	32.77	-0.16	65.24
17.5	16.77	13.82	4494	27.44	20.12	32.08	-0.16	65.24
17.52	16.77	13.82	4493	27.44	20.12	32.43	-0.16	65.24
17.54	16.77	13.82	4495	27.44	20.12	32.77	-0.16	65.24
17.58	16.38	13.82	4486	27.83	20.12	32.77	-0.16	65.24
17.6	16.38	13.67	4491	27.44	20.12	32.2	-0.16	65.24
17.62	16.38	13.67	4491	27.44	20.12	32.2	-0.16	65.24
17.66	16.38	13.67	4495	27.44	20.12	32.66	-0.16	65.24
17.68	16.77	13.52	4505	27.44	20.12	31.85	-0.16	65.24
17.72	16.38	13.52	4508	27.05	20.12	30.59	-0.16	65.24
17.74	16.77	13.52	4500	26.26	20.12	30.94	-0.16	65.24
17.78	16.77	13.52	4508	25.87	20.12	30.27	-0.16	65.24
17.8	16.38	13.38	4501	26.26	20.12	31.05	-0.16	65.24
17.82	16.38	13.38	4502	26.26	20.12	30.82	-0.16	65.24
17.86	16.38	13.52	4503	26.26	20.12	31.28	-0.16	65.24
17.89	16.38	13.67	4500	26.66	20.12	31.74	-0.16	65.24
17.92	16.38	13.67	4498	26.66	20.12	31.51	-0.16	65.24
17.94	16.38	13.82	4513	26.66	20.12	31.62	-0.16	65.24
17.98	16.77	13.82	4508	26.66	20.12	31.39	-0.16	65.24
18	16.77	13.82	4522	26.26	20.12	31.51	-0.16	65.24
18.02	17.16	13.82	4506	26.66	20.12	31.62	-0.16	65.24
18.04	17.16	13.82	4504	26.66	20.12	31.85	-0.16	65.24
18.08	16.77	13.82	4506	26.66	20.12	31.51	-0.16	65.87
18.1	16.77	13.82	4515	26.26	20.12	30.94	-0.16	65.87

18.12	16.77	13.82	4518	26.26	20.12	31.28	-0.16	65.87
18.16	16.38	13.82	4516	26.66	20.12	31.85	-0.16	65.24
18.18	16.38	13.82	4510	26.66	20.12	31.85	-0.16	65.24
18.2	16.38	13.82	4504	26.66	20.12	31.97	-0.16	65.24
18.24	16.38	13.82	4509	27.05	20.12	31.97	-0.16	65.87
18.28	15.99	13.82	4516	27.05	20.12	31.97	-0.16	65.87
18.32	15.99	13.82	4527	26.66	20.12	30.71	-0.16	65.87
18.34	16.38	13.82	4527	26.26	20.12	30.71	-0.16	65.87
18.36	16.38	13.82	4530	25.87	20.12	30.49	-0.16	65.87
18.4	16.38	13.82	4520	25.48	20.12	29.76	-0.16	65.87
18.44	16.38	13.67	4528	25.48	20.12	30.17	-0.16	65.87
18.46	16.38	13.67	4524	25.48	20.12	30.17	-0.16	65.87
18.48	16.38	13.67	4540	25.09	20.12	30.17	-0.16	65.87
18.52	16.38	13.82	4529	25.48	20.12	30.38	-0.16	65.87
18.56	16.38	13.82	4537	25.48	20.12	30.38	-0.16	65.87
18.58	16.38	13.82	4550	25.87	20.12	31.17	-0.16	65.87
18.6	16.38	13.82	4554	25.87	20.12	31.28	-0.16	65.87
18.64	16.38	13.82	4545	26.26	20.12	31.62	-0.16	65.87
18.68	16.38	13.96	4539	26.26	20.12	31.62	-0.16	65.87
18.72	16.38	13.96	4547	26.26	20.12	31.39	-0.16	65.87
18.74	16.38	13.96	4546	26.26	20.12	31.28	-0.16	65.87
18.78	16.38	13.82	4556	26.26	20.12	31.17	-0.16	65.87
18.82	16.38	13.82	4561	26.26	20.12	30.82	-0.16	65.87
18.84	16.38	13.82	4557	25.87	20.12	31.51	-0.16	65.87
18.86	16.38	13.82	4563	26.26	20.12	31.97	-0.16	65.87
18.9	16.77	13.82	4555	26.26	20.12	31.51	-0.16	65.87
18.92	16.38	13.82	4558	26.26	20.12	31.28	-0.16	66.49
18.96	16.38	13.82	4556	26.26	20.12	31.17	-0.16	66.49
19	16.38	13.82	4551	25.87	20.12	31.51	-0.16	66.49
19.04	16.38	13.82	4566	26.26	20.12	31.28	-0.16	66.49
19.06	16.38	13.82	4578	25.87	20.12	30.82	-0.16	66.49
19.08	16.38	13.82	4577	25.87	20.12	31.51	-0.16	66.49
19.12	16.38	13.82	4571	26.26	20.12	31.62	-0.16	66.49
19.14	16.38	13.82	4573	26.26	20.12	31.51	-0.16	66.49
19.18	16.38	13.82	4571	25.87	20.12	30.71	-0.16	66.49
19.2	16.38	13.82	4571	25.87	20.12	31.39	-0.16	66.49
19.24	16.38	13.82	4580	26.26	20.12	31.51	-0.16	66.49
19.26	16.38	13.82	4575	25.87	20.12	30.71	-0.16	66.49
19.28	16.38	13.67	4577	25.87	20.12	31.05	-0.16	66.49
19.32	16.38	13.67	4573	25.87	20.12	31.05	-0.16	66.49
19.36	16.38	13.67	4592	25.87	20.12	31.17	-0.16	66.49
19.38	16.38	13.67	4591	25.87	20.12	30.94	-0.16	66.49
19.42	16.38	13.67	4583	25.48	20.12	30.71	-0.16	66.49
19.46	16.77	13.67	4586	25.48	20.12	30.82	-0.16	66.49
19.5	16.77	13.52	4602	25.48	20.12	30.59	-0.16	66.49
19.52	16.77	13.67	4602	25.48	20.12	30.59	-0.16	66.49
19.56	16.38	13.67	4606	25.48	20.12	30.82	-0.16	66.49

19.58	16.77	13.67	4611	25.48	20.12	31.28	-0.16	66.49
19.6	16.77	13.67	4608	25.87	20.12	31.28	-0.16	67.11
19.64	16.38	13.67	4610	25.87	20.12	31.51	-0.16	66.49
19.66	16.38	13.67	4593	26.26	20.12	32.08	-0.16	67.11
19.7	16.77	13.82	4604	26.26	20.12	31.97	-0.16	66.49
19.72	16.38	13.82	4614	26.66	20.12	32.2	-0.16	67.11
19.76	16.38	13.82	4607	26.26	20.12	31.74	-0.16	67.11
19.78	16.38	13.82	4601	26.26	20.12	31.97	-0.16	67.11
19.8	16.38	13.67	4598	26.66	20.12	32.08	-0.16	67.11
19.84	16.38	13.67	4608	26.26	20.12	31.74	-0.16	66.49
19.86	16.38	13.67	4609	26.26	20.12	31.62	-0.16	67.11
19.92	16.38	13.67	4594	25.87	20.12	31.39	-0.16	67.11
19.94	16.38	13.52	4612	25.48	20.12	30.82	-0.16	67.11
19.96	16.38	13.52	4617	25.48	20.12	30.38	-0.16	67.11
20	16.38	13.52	4613	25.48	20.12	30.49	-0.16	67.11
20.04	16.38	13.52	4612	25.09	20.12	30.17	-0.16	67.11
20.06	16.38	13.52	4614	24.7	20.12	29.97	-0.16	67.11
20.08	16.38	13.52	4612	24.7	20.12	29.76	-0.16	67.11
20.12	15.99	13.52	4615	24.7	20.12	30.17	-0.16	67.11
20.16	15.21	13.67	4614	24.7	20.12	29.76	-0.16	67.11
20.18	13.26	13.67	4606	24.7	20.12	29.76	-0.16	67.11
20.22	12.48	13.67	4613	24.3	20.12	29.76	-0.16	67.11
20.24	12.48	13.82	4618	24.3	20.12	28.12	-0.16	67.11
20.26	12.48	13.82	4621	22.74	20.12	26.04	-0.16	67.11
20.3	12.48	13.82	4616	21.56	20.12	23.78	-0.16	67.11
20.32	11.7	13.67	4598	19.6	20.12	21.55	-0.16	67.11
20.36	11.31	13.38	4593	18.42	20.12	20.75	-0.16	67.11
20.38	10.92	13.08	4595	17.25	17.78	20.28	-0.16	67.11
20.42	10.53	12.94	4593	16.86	16.22	19.66	-0.16	67.11
20.46	10.53	12.79	4577	15.68	14.66	18.23	-0.16	67.11
20.48	10.53	12.79	4562	14.9	13.1	17.09	-0.16	67.11
20.5	11.31	12.79	4588	14.5	11.54	16.06	-0.16	67.11
20.54	11.31	12.79	4624	13.72	9.98	15.46	-0.16	67.11
20.58	11.31	12.64	4630	12.94	9.2	15.6	-0.16	67.11
20.62	11.31	12.49	4607	12.94	8.42	15.53	-0.16	67.11
20.66	11.31	12.49	4592	12.94	6.86	15.86	-0.16	67.11
20.7	11.31	12.64	4599	13.33	6.08	16.52	-0.16	66.49
20.72	10.92	12.79	4600	13.72	5.3	17.16	-0.16	66.49
20.75	10.53	13.08	4592	14.11	4.52	17.23	-0.16	66.49
20.78	10.53	13.23	4594	14.11	3.74	17.16	-0.16	66.49
20.82	10.92	13.52	4596	14.11	3.74	17.44	-0.16	66.49
20.86	10.92	13.82	4605	14.11	2.96	16.66	-0.16	66.49
20.88	10.92	13.82	4593	13.72	2.96	16.06	-0.16	66.49
20.9	10.92	13.82	4588	13.33	2.18	15.86	-0.16	66.49
20.94	10.92	13.67	4598	13.33	2.18	15.93	-0.16	66.49
20.98	10.53	13.67	4579	13.33	1.4	15.93	-0.16	66.49
21.02	10.92	13.67	4588	13.33	1.4	15.86	-0.16	66.49

21.04	11.31	13.67	4593	13.33	1.4	15.86	-0.16	66.49
21.07	11.31	13.82	4591	13.33	1.4	15.99	-0.16	66.49
21.1	11.7	13.82	4578	13.33	1.4	15.66	-0.16	66.49
21.14	12.09	13.96	4589	12.94	-0.94	15.73	-0.16	66.49
21.16	12.48	13.96	4572	12.94	-0.94	15.86	-0.16	66.49
21.2	12.48	13.96	4578	13.72	-0.94	17.16	-0.16	66.49
21.22	12.48	14.11	4579	14.11	-0.94	17.87	-0.16	66.49
21.26	12.48	14.11	4571	14.9	-0.94	18.38	-0.16	66.49
21.3	12.48	14.41	4580	15.68	-0.94	19.5	-0.16	66.49
21.34	12.48	14.55	4572	16.07	-0.94	19.89	-0.16	66.49
21.36	12.48	14.7	4581	16.46	-0.94	19.66	-0.16	66.49
21.4	12.48	14.7	4587	16.46	-0.94	19.58	-0.16	66.49
21.42	12.48	14.85	4572	16.46	-0.94	19.35	-0.16	66.49
21.46	12.48	14.85	4564	16.46	-0.94	19.81	-0.16	66.49
21.48	12.48	14.85	4564	16.46	-0.94	19.74	-0.16	66.49
21.52	12.48	14.85	4565	16.46	-0.94	19.66	-0.16	66.49
21.54	12.48	14.85	4560	16.46	-0.94	20.05	-0.16	66.49
21.56	12.48	14.85	4555	16.86	-0.94	20.05	-0.16	66.49
21.6	12.48	14.85	4548	16.86	-0.94	20.13	-0.16	66.49
21.62	12.48	14.85	4559	16.86	-0.94	19.74	-0.16	66.49
21.66	12.48	14.85	4570	16.46	-0.94	19.58	-0.16	66.49
21.68	12.87	14.85	4560	16.46	-0.94	19.89	-0.16	66.49
21.7	13.26	14.85	4557	16.46	-0.94	19.66	-0.16	65.87
21.74	12.87	14.99	4563	16.46	-0.94	19.81	-0.16	65.87
21.76	13.26	14.85	4556	16.46	-0.94	19.74	-0.16	65.87
21.78	13.26	14.85	4552	16.46	-0.94	19.89	-0.16	65.87
21.82	12.87	14.99	4547	16.46	-0.94	20.2	-0.16	65.87
21.84	13.26	14.99	4545	16.86	-0.94	20.44	-0.16	65.87
21.86	13.26	14.99	4537	16.86	-0.94	20.67	-0.16	65.87
21.9	13.26	14.99	4536	17.25	-0.94	20.98	-0.16	65.87
21.94	13.26	14.99	4544	17.64	-0.94	21.14	-0.16	65.87
21.98	13.26	14.99	4557	17.64	-0.94	21.22	-0.16	65.87
22	13.26	15.14	4555	17.64	-0.94	21.06	-0.16	65.87
22.04	13.26	15.14	4546	18.03	-0.94	21.63	-0.16	65.87
22.06	12.87	15.14	4528	18.03	-0.94	21.72	-0.16	65.87
22.1	12.87	15.29	4532	18.03	-0.94	21.72	-0.16	65.87
22.14	12.87	15.43	4559	18.03	-0.94	21.46	-0.16	65.87
22.16	12.87	15.43	4563	18.03	-0.94	21.55	-0.16	65.87
22.18	12.87	15.43	4568	18.03	-0.94	21.3	-0.16	65.87
22.22	12.87	15.58	4550	18.03	-0.94	21.55	-0.16	65.87
22.24	12.87	15.58	4546	18.03	-0.94	21.37	-0.16	65.87
22.28	12.87	15.58	4558	17.64	-0.94	20.83	-0.16	65.87
22.32	12.48	15.58	4555	17.25	-0.94	20.59	-0.16	65.87
22.34	12.48	15.73	4558	17.25	-0.94	20.59	-0.16	65.87
22.36	12.48	15.73	4546	17.25	-0.94	20.67	-0.16	65.87
22.4	12.48	15.58	4536	16.86	-0.94	19.74	-0.16	65.87
22.42	12.09	15.58	4528	16.86	-0.94	20.05	-0.16	65.87

22.44	12.09	15.43	4530	16.86	-0.94	20.2	-0.16	65.87
22.48	12.09	15.43	4543	16.86	-0.94	19.58	-0.16	65.87
22.52	11.7	15.29	4540	16.46	-0.94	19.11	-0.16	65.87
22.56	12.09	15.29	4523	16.07	-0.94	19.11	-0.16	65.87
22.58	12.09	15.29	4527	16.07	-0.94	18.66	-0.16	65.87
22.6	11.7	15.14	4528	16.07	-0.94	18.81	-0.16	65.87
22.64	11.31	15.14	4527	15.68	-0.94	18.81	-0.16	65.87
22.68	10.92	14.99	4526	15.68	-0.94	18.59	-0.16	65.87
22.7	10.92	14.85	4513	15.68	-0.94	18.52	-0.16	65.24
22.74	11.31	14.85	4497	15.68	-0.94	18.16	-0.16	65.24
22.78	11.7	14.85	4505	14.9	-0.94	16.73	-0.16	65.87
22.8	12.48	14.85	4521	14.11	-0.94	16.66	-0.16	65.87
22.82	13.26	14.85	4538	14.11	-0.94	16.52	-0.16	65.87
22.84	13.65	14.7	4514	14.11	-0.94	16.39	-0.16	65.87
22.88	13.65	14.7	4508	14.11	-0.94	16.66	-0.16	65.24
22.92	13.65	14.55	4493	14.9	-0.94	19.19	-0.16	65.24
22.94	13.65	14.55	4506	16.46	-0.94	20.98	-0.16	65.24
22.96	13.26	14.55	4497	17.25	-0.94	21.46	-0.16	65.24
22.98	12.87	14.55	4494	18.03	1.4	22.32	-0.16	65.24
23.02	12.48	14.85	4494	18.82	2.96	22.66	-0.16	65.24
23.04	12.48	15.14	4488	18.82	4.52	22.49	-0.16	65.24
23.08	12.87	15.29	4496	18.82	4.52	22.41	-0.16	65.24
23.1	12.87	15.58	4494	18.82	6.08	21.14	-0.16	65.24
23.14	12.87	15.58	4494	18.03	5.3	20.52	-0.16	65.24
23.16	12.87	15.58	4490	17.64	5.3	20.2	-0.16	65.24
23.18	12.87	15.58	4501	17.25	4.52	19.89	-0.16	65.24
23.2	12.48	15.43	4483	17.25	4.52	20.05	-0.16	65.24
23.24	12.87	15.14	4478	17.25	3.74	20.36	-0.16	65.24
23.26	12.87	14.99	4485	17.25	3.74	19.97	-0.16	65.24
23.28	13.26	14.85	4473	17.25	2.96	20.67	-0.16	65.24
23.32	13.65	14.7	4487	17.25	2.96	20.36	-0.16	65.24
23.36	14.82	14.7	4480	17.25	2.18	20.52	-0.16	65.24
23.4	15.6	14.55	4482	17.64	2.18	21.06	-0.16	65.24
23.42	15.6	14.55	4486	18.03	1.4	22.32	-0.16	65.24
23.44	15.99	14.55	4469	18.82	3.74	24.05	-0.16	65.24
23.48	16.38	14.55	4463	20.38	3.74	25.85	-0.16	65.24
23.5	15.99	14.7	4477	21.95	6.86	27.09	-0.16	65.24
23.54	16.38	14.85	4475	22.74	6.86	27.81	-0.16	65.24
23.56	16.77	15.14	4502	23.91	7.64	29.45	-0.16	65.24
23.58	16.77	15.43	4519	24.3	9.2	29.76	-0.16	64.62
23.6	16.77	15.73	4533	24.7	9.98	30.17	-0.16	64.62
23.64	16.77	15.73	4531	25.09	11.54	30.94	-0.16	65.24
23.66	16.38	15.73	4451	26.26	12.32	31.97	-0.16	65.24
23.7	16.38	15.58	4433	27.05	13.1	32.77	-0.16	65.24
23.72	16.38	15.43	4463	27.83	13.88	33	-0.16	64.62
23.76	16.38	15.29	4509	27.83	14.66	33.12	-0.16	65.24
23.78	16.38	15.29	4505	27.83	14.66	33	-0.16	65.24

23.8	15.99	15.14	4469	27.83	14.66	32.89	-0.16	65.24
23.84	15.99	14.99	4452	27.83	15.44	32.89	-0.16	65.24
23.88	15.99	14.7	4483	27.83	15.44	31.97	-0.16	64.62
23.9	15.99	14.7	4486	27.44	16.22	31.85	-0.16	64.62
23.94	15.99	14.55	4477	27.05	17	31.05	-0.16	65.24
23.96	15.99	14.26	4464	26.66	17	30.59	-0.16	65.24
23.98	16.38	14.11	4464	26.26	17	30.82	-0.16	64.62
24.02	16.38	14.11	4474	26.26	17.78	30.61	-0.16	64.62
24.04	16.38	14.11	4476	26.26	17.78	30.71	-0.16	64.62
24.08	16.38	14.11	4464	26.26	17.78	30.94	-0.16	64.62
24.1	16.38	14.11	4456	26.26	17.78	30.82	-0.16	64.62
24.14	16.38	14.11	4452	26.26	18.56	31.28	-0.16	64.62
24.16	16.38	14.11	4457	26.66	20.12	31.28	-0.16	64.62
24.2	16.38	14.11	4483	26.66	20.12	31.74	-0.16	64.62
24.22	16.38	14.11	4491	27.05	20.12	31.85	-0.16	64.62
24.26	16.38	14.11	4477	27.05	20.12	31.85	-0.16	64.62
24.28	16.38	13.96	4451	27.05	20.12	31.51	-0.16	64.62
24.3	16.38	13.96	4465	27.05	20.12	31.51	-0.16	64.62
24.34	16.38	13.96	4470	27.05	20.12	31.85	-0.16	64.62
24.38	16.38	13.82	4465	27.44	20.12	32.2	-0.16	64.62
24.4	16.38	13.82	4461	27.44	20.12	31.62	-0.16	64.62
24.44	15.99	13.82	4443	27.05	20.12	31.62	-0.16	64.62
24.48	16.38	13.82	4456	27.05	20.12	31.74	-0.16	64.62
24.5	16.38	13.67	4471	27.05	20.12	31.85	-0.16	64.62
24.54	16.38	13.67	4451	27.44	20.12	32.2	-0.16	64.62
24.56	16.38	13.67	4452	27.44	20.12	31.74	-0.16	64.62
24.58	16.38	13.67	4454	27.05	20.12	31.85	-0.16	64.62
24.6	16.38	13.67	4463	27.44	20.12	31.97	-0.16	64.62
24.64	16.38	13.67	4454	27.44	20.12	31.85	-0.16	64.62
24.67	16.38	13.52	4456	27.44	20.12	31.97	-0.16	64.62
24.7	16.38	13.67	4438	27.44	20.12	31.85	-0.16	64.62
24.72	16.38	13.67	4452	27.44	20.12	31.74	-0.16	64.62
24.74	15.99	13.67	4452	27.44	20.12	32.2	-0.16	64.62
24.78	15.6	13.67	4438	27.44	20.12	32.43	-0.16	64.62
24.8	15.6	13.67	4440	27.44	20.12	31.97	-0.16	64.62
24.82	15.21	13.67	4438	27.83	20.12	32.2	-0.16	64.62
24.86	15.21	13.67	4441	27.44	20.12	31.17	-0.16	64.62
24.9	15.21	13.52	4437	26.66	20.12	30.17	-0.16	64.62
24.92	15.21	13.52	4448	26.26	20.12	29.66	-0.16	64.62
24.94	15.21	13.52	4442	25.48	20.12	28.73	-0.16	64.62
24.98	14.82	13.38	4427	24.7	20.12	28.22	-0.16	64.62
25.02	14.43	13.23	4427	24.3	20.12	28.12	-0.16	64.62
25.06	15.21	13.23	4437	24.3	20.12	28.12	-0.16	64.62
25.08	15.21	13.23	4436	23.91	20.12	27.91	-0.16	64.62
25.12	15.6	13.38	4433	23.91	20.12	27.5	-0.16	64.62
25.14	15.6	13.38	4424	23.52	20.12	27.29	-0.16	64.62
25.18	15.6	13.38	4434	23.52	20.12	27.7	-0.16	64

25.22	15.6	13.38	4427	23.91	20.12	28.01	-0.16	64
25.26	15.6	13.38	4430	24.7	20.12	30.38	-0.16	64
25.28	15.6	13.52	4428	25.87	20.12	30.59	-0.16	64
25.3	15.6	13.52	4439	25.87	20.12	30.27	-0.16	64
25.34	15.6	13.67	4432	25.87	20.12	30.27	-0.16	64
25.36	15.6	13.67	4431	25.87	20.12	30.07	-0.16	64
25.4	15.21	13.67	4431	26.26	20.12	30.17	-0.16	64
25.42	15.21	13.67	4431	25.87	20.12	30.17	-0.16	64
25.46	14.82	13.67	4431	25.87	20.12	29.35	-0.16	64
25.48	14.82	13.67	4410	25.09	20.12	28.84	-0.16	64
25.5	14.82	13.67	4420	25.09	20.12	28.84	-0.16	64
25.54	15.21	13.52	4404	25.09	20.12	28.42	-0.16	64
25.58	14.82	13.38	4409	24.3	20.12	28.01	-0.16	64
25.6	15.21	13.38	4410	24.3	20.12	28.12	-0.16	64
25.65	15.6	13.38	4413	24.3	20.12	27.91	-0.16	64
25.66	15.6	13.38	4418	23.91	20.12	27.5	-0.16	64
25.71	15.6	13.38	4412	23.91	20.12	27.81	-0.16	64
25.72	15.6	13.38	4413	23.91	20.12	27.4	-0.16	64
25.74	15.6	13.38	4412	23.91	20.12	28.01	-0.16	64
25.78	15.99	13.38	4415	24.3	20.12	28.12	-0.16	64
25.82	15.6	13.38	4408	24.3	20.12	29.04	-0.16	64
25.84	15.6	13.52	4409	25.09	20.12	30.07	-0.16	64
25.86	15.6	13.52	4405	25.87	20.12	30.94	-0.16	64
25.88	15.99	13.67	4396	26.26	20.12	31.05	-0.16	64
25.92	16.38	13.82	4406	26.66	20.12	30.71	-0.16	64
25.96	15.6	13.82	4398	26.66	20.12	31.05	-0.16	64
26	15.99	13.82	4390	26.66	20.12	31.05	-0.16	64
26.02	16.38	13.67	4403	26.66	20.12	30.94	-0.16	64
26.06	16.38	13.67	4404	26.66	20.12	30.82	-0.16	64
26.08	15.99	13.52	4395	26.66	20.12	30.94	-0.16	64
26.12	15.99	13.52	4401	26.66	20.12	31.17	-0.16	64
26.14	15.99	13.52	4388	27.05	20.12	31.51	-0.16	64
26.18	15.6	13.52	4395	27.05	20.12	31.39	-0.16	64
26.2	15.99	13.67	4387	27.05	20.12	31.28	-0.16	64
26.24	15.99	13.67	4397	27.05	20.12	31.05	-0.16	64
26.26	15.99	13.67	4385	27.05	20.12	31.51	-0.16	64
26.28	15.99	13.67	4394	27.05	20.12	31.62	-0.16	64
26.32	16.38	13.67	4386	27.44	20.12	31.97	-0.16	64
26.37	16.38	13.67	4386	27.05	20.12	31.05	-0.16	64
26.38	16.38	13.67	4389	27.05	20.12	31.39	-0.16	64
26.42	15.99	13.67	4386	27.05	20.12	31.17	-0.16	64
26.44	15.99	13.67	4398	27.05	20.12	30.82	-0.16	64
26.46	15.99	13.67	4385	27.05	20.12	31.17	-0.16	64
26.51	15.99	13.67	4391	27.05	20.12	31.17	-0.16	64
26.54	15.6	13.67	4376	27.44	20.12	31.74	-0.16	63.38
26.56	15.6	13.67	4384	27.44	20.12	31.62	-0.16	63.38
26.6	15.99	13.67	4383	27.44	20.12	31.28	-0.16	63.38

26.62	15.6	13.67	4385	27.44	20.12	31.39	-0.16	63.38
26.66	15.6	13.67	4388	27.05	20.12	30.59	-0.16	63.38
26.71	15.99	13.52	4380	26.66	20.12	30.59	-0.16	63.38
26.72	15.99	13.52	4381	26.66	20.12	30.49	-0.16	63.38
26.76	15.99	13.52	4379	26.26	20.12	30.38	-0.16	63.38
26.78	15.6	13.38	4388	26.66	20.12	30.48	-0.16	63.38
26.82	15.6	13.38	4379	26.66	20.12	30.94	-0.16	63.38
26.86	15.6	13.52	4381	26.66	20.12	30.17	-0.16	63.38
26.88	15.6	13.52	4381	26.26	20.12	30.17	-0.16	63.38
26.9	15.6	13.52	4379	26.26	20.12	30.48	-0.16	63.38
26.92	15.99	13.52	4365	26.66	20.12	30.59	-0.16	63.38
26.96	15.99	13.52	4374	26.66	20.12	31.17	-0.16	63.38
26.98	15.99	13.52	4382	26.66	20.12	30.38	-0.16	63.38
27	15.6	13.52	4379	26.66	20.12	30.49	-0.16	63.38
27.04	15.99	13.52	4386	26.66	20.12	30.82	-0.16	63.38
27.06	15.99	13.52	4366	26.66	20.12	30.82	-0.16	63.38
27.08	15.99	13.52	4368	27.05	20.12	30.94	-0.16	63.38
27.12	15.6	13.52	4375	27.05	20.12	30.59	-0.16	63.38
27.16	15.6	13.52	4365	26.66	20.12	30.94	-0.16	63.38
27.18	15.6	13.52	4376	27.05	20.12	30.82	-0.16	63.38
27.22	15.6	13.52	4361	27.05	20.12	31.05	-0.16	63.38
27.24	15.6	13.67	4366	27.05	20.12	30.82	-0.16	63.38
27.26	15.99	13.52	4373	26.66	20.12	30.59	-0.16	63.38
27.3	15.99	13.52	4370	26.66	20.12	30.38	-0.16	63.38
27.32	15.99	13.52	4368	26.66	20.12	30.82	-0.16	63.38
27.36	15.99	13.52	4352	26.66	20.12	30.82	-0.16	63.38
27.4	15.99	13.67	4361	27.05	20.12	30.82	-0.16	63.38
27.42	15.99	13.67	4368	27.05	20.12	31.05	-0.16	63.38
27.44	15.99	13.67	4358	27.05	20.12	30.82	-0.16	63.38
27.48	15.99	13.67	4355	27.05	20.12	30.59	-0.16	63.38
27.52	15.99	13.52	4363	27.05	20.12	30.82	-0.16	63.38
27.56	15.99	13.52	4360	27.05	20.12	30.94	-0.16	63.38
27.6	15.99	13.52	4355	27.05	20.12	31.39	-0.16	63.38
27.62	15.6	13.52	4362	27.05	20.12	30.38	-0.16	63.38
27.64	15.99	13.52	4353	27.05	20.12	31.51	-0.16	63.38
27.68	15.99	13.52	4354	27.05	20.12	31.28	-0.16	63.38
27.7	15.99	13.52	4354	27.05	20.12	31.05	-0.16	63.38
27.72	15.99	13.52	4349	27.05	20.12	30.71	-0.16	63.38
27.76	15.6	13.52	4345	27.05	20.12	30.71	-0.16	63.38
27.78	15.99	13.52	4344	27.05	20.12	30.94	-0.16	63.38
27.8	15.99	13.52	4347	27.05	20.12	31.05	-0.16	63.38
27.84	15.99	13.52	4349	27.05	20.12	30.59	-0.16	63.38
27.86	15.99	13.52	4348	26.66	20.12	30.27	-0.16	63.38
27.88	15.99	13.52	4359	26.66	20.12	30.59	-0.16	63.38
27.92	15.99	13.52	4347	26.66	20.12	31.05	-0.16	63.38
27.94	15.99	13.52	4351	27.05	20.12	30.59	-0.16	63.38
27.98	15.99	13.52	4347	27.05	20.12	31.28	-0.16	63.38

28	15.99	13.52	4341	27.05	20.12	30.82	-0.16	63.38
28.04	16.38	13.52	4351	27.05	20.12	31.28	-0.16	63.38
28.08	16.38	13.52	4345	27.44	20.12	31.17	-0.16	63.38
28.12	16.38	13.52	4354	27.44	20.12	31.28	-0.16	63.38
28.14	16.38	13.52	4338	27.44	20.12	31.97	-0.16	63.38
28.18	16.38	13.52	4339	27.83	20.12	31.85	-0.16	63.38
28.22	16.38	13.52	4338	27.83	20.12	32.2	-0.16	63.38
28.24	16.38	13.52	4345	27.83	20.12	31.28	-0.16	63.38
28.26	16.38	13.52	4344	27.83	20.12	31.51	-0.16	62.76
28.28	16.38	13.52	4336	27.83	20.12	31.28	-0.16	62.76
28.32	16.38	13.52	4341	27.44	20.12	31.28	-0.16	62.76
28.34	16.38	13.38	4356	27.44	20.12	31.17	-0.16	62.76
28.38	16.38	13.38	4338	27.44	20.12	31.51	-0.16	62.76
28.42	16.38	13.38	4329	27.44	20.12	31.28	-0.16	62.76
28.44	16.38	13.38	4345	27.44	20.12	31.05	-0.16	62.76
28.46	16.38	13.38	4335	27.05	20.12	30.82	-0.16	62.76
28.48	16.38	13.38	4337	27.05	20.12	30.82	-0.16	62.76
28.52	16.77	13.38	4328	27.05	20.12	30.59	-0.16	62.76
28.54	17.16	13.38	4327	27.05	20.12	30.59	-0.16	62.76
28.58	17.16	13.38	4336	27.05	20.12	30.82	-0.16	62.76
28.62	17.16	13.38	4349	27.05	20.12	31.28	-0.16	62.76
28.64	17.16	13.38	4339	27.83	20.12	32.89	-0.16	62.76
28.66	17.16	13.38	4325	28.62	20.12	33.23	-0.16	62.76
28.68	17.16	13.52	4331	29.01	20.12	33.35	-0.16	62.76
28.72	17.16	13.52	4349	29.4	20.12	33.8	-0.16	62.76
28.74	17.16	13.67	4334	29.4	20.12	33.8	-0.16	62.76
28.78	17.16	13.67	4339	29.4	20.12	34.15	-0.16	62.76
28.83	17.55	13.67	4338	29.79	20.12	33.8	-0.16	62.76
28.84	17.55	13.52	4347	29.4	20.12	33.8	-0.16	62.76
28.86	17.94	13.38	4349	29.79	20.12	33.8	-0.16	62.76
28.9	17.94	13.38	4340	29.79	20.12	34.27	-0.16	62.76
28.94	17.94	13.38	4332	30.58	20.12	35.02	-0.16	62.76
28.96	17.94	13.38	4348	30.58	20.12	35.28	-0.16	62.76
29	17.94	13.52	4352	31.36	20.12	36.28	-0.16	62.76
29.02	17.94	13.52	4344	31.36	20.12	36.03	-0.16	62.76
29.06	17.94	13.52	4339	31.75	20.12	36.03	-0.16	62.76
29.08	17.94	13.67	4344	31.75	20.12	36.03	-0.16	62.76
29.1	17.94	13.67	4344	31.75	20.12	36.28	-0.16	63.38
29.14	17.94	13.52	4345	31.75	20.12	36.15	-0.16	62.76
29.16	17.94	13.52	4344	31.75	20.12	36.41	-0.16	62.76
29.18	17.55	13.52	4328	31.75	20.12	36.66	-0.16	62.76
29.22	17.55	13.52	4346	31.75	20.12	36.28	-0.16	62.76
29.24	17.55	13.52	4349	32.14	20.12	36.53	-0.16	62.76
29.27	17.55	13.38	4348	31.75	20.12	36.15	-0.16	62.76
29.3	17.55	13.38	4349	31.75	20.12	36.28	-0.16	62.76
29.34	17.55	13.23	4343	31.75	20.12	36.15	-0.16	62.76
29.38	17.55	13.38	4335	30.97	20.12	34.77	-0.16	62.76

29.4	17.55	13.38	4336	30.58	20.12	34.65	-0.16	62.76
29.42	17.55	13.23	4347	30.58	20.12	34.65	-0.16	62.76
29.46	17.16	13.23	4348	30.58	20.12	35.15	-0.16	62.76
29.5	17.16	13.38	4336	30.18	20.12	33.8	-0.16	62.76
29.52	17.55	13.38	4333	29.79	20.12	33.57	-0.16	62.76
29.56	17.16	13.38	4333	29.79	20.12	33.92	-0.16	62.76
29.6	17.16	13.38	4339	29.79	20.12	34.16	-0.16	62.76
29.62	17.55	13.38	4340	29.79	20.12	33.92	-0.16	62.76
29.66	17.55	13.38	4339	29.79	20.12	33.92	-0.16	62.76
29.68	17.16	13.38	4332	29.4	20.12	31.62	-0.16	62.76
29.7	17.16	13.38	4332	28.62	20.12	33	-0.16	62.76
29.74	17.55	13.38	4342	29.01	20.12	33.57	-0.16	62.76
29.78	17.55	13.38	4342	29.01	20.12	33.46	-0.16	62.76
29.8	17.55	13.52	4338	29.01	20.12	33.35	-0.16	62.76
29.84	17.55	13.52	4332	29.01	20.12	32.89	-0.16	62.76
29.86	17.55	13.52	4341	29.01	20.12	33.92	-0.16	62.76
29.9	17.55	13.67	4346	29.4	20.12	34.27	-0.16	62.76
29.94	17.55	13.67	4339	29.4	20.12	33.92	-0.16	62.76
29.98	17.55	13.67	4345	29.4	20.12	34.16	-0.16	62.76
30	17.16	13.67	4328	29.4	20.12	33.69	-0.16	62.76
30.02	17.16	13.52	4328	29.79	20.12	34.03	-0.16	62.76
30.06	17.16	13.52	4343	29.79	20.12	34.77	-0.16	62.76
30.08	17.16	13.52	4331	30.18	20.12	34.27	-0.16	62.76
30.1	17.16	13.67	4345	30.18	20.12	34.52	-0.16	62.76
30.14	17.16	13.67	4345	30.18	20.12	34.4	-0.16	62.76
30.16	17.16	13.52	4336	30.18	20.12	33.92	-0.16	62.76
30.2	17.16	13.52	4333	29.79	20.12	33.23	-0.16	62.76
30.24	17.16	13.52	4329	29.79	20.12	33.69	-0.16	62.76
30.26	16.77	13.52	4336	29.4	20.12	33.46	-0.16	62.76
30.3	17.16	13.52	4336	29.4	20.12	33.57	-0.16	62.76
30.32	17.16	13.52	4335	29.01	20.12	33.23	-0.16	62.76
30.36	17.16	13.38	4337	29.01	20.12	33.12	-0.16	62.76
30.38	16.77	13.38	4339	28.62	20.12	31.51	-0.16	62.76
30.4	17.16	13.38	4328	28.22	20.12	32.66	-0.16	62.76
30.44	17.16	13.38	4342	28.62	20.12	32.77	-0.16	62.76
30.48	17.16	13.38	4341	28.62	20.12	32.54	-0.16	62.76
30.5	17.16	13.38	4328	28.62	20.12	32.66	-0.16	62.76
30.52	17.16	13.38	4340	28.62	20.12	32.77	-0.16	62.76
30.56	17.16	13.38	4327	28.62	20.12	32.66	-0.16	62.76
30.58	17.16	13.38	4340	28.62	20.12	32.66	-0.16	62.76
30.62	17.16	13.38	4326	28.62	20.12	32.54	-0.16	62.76
30.64	17.16	13.38	4326	28.62	20.12	31.97	-0.16	62.76
30.66	17.16	13.38	4336	28.22	20.12	32.43	-0.16	62.76
30.7	17.16	13.38	4337	28.22	20.12	31.62	-0.16	62.76
30.72	17.16	13.38	4323	27.83	20.12	31.97	-0.16	62.76
30.76	17.16	13.38	4339	28.22	20.12	32.54	-0.16	62.76
30.78	17.16	13.52	4337	28.22	20.12	31.97	-0.16	62.76

30.82	17.16	13.52	4336	28.22	20.12	32.43	-0.16	62.76
30.86	17.16	13.67	4327	28.62	20.12	32.2	-0.16	62.76
30.88	17.16	13.67	4334	28.62	20.12	32.66	-0.16	62.76
30.92	17.16	13.67	4325	29.01	20.12	33	-0.16	62.76
30.94	17.16	13.52	4330	29.01	20.12	33.35	-0.16	62.76
30.96	17.16	13.52	4322	29.4	20.12	33.23	-0.16	62.76
31	17.16	13.52	4323	29.01	20.12	33	-0.16	62.76
31.02	16.77	13.52	4320	29.01	20.12	33.12	-0.16	62.76
31.06	16.77	13.38	4318	29.01	20.12	32.89	-0.16	62.76
31.08	16.77	13.38	4315	29.01	20.12	32.89	-0.16	62.76
31.12	16.38	13.23	4330	29.01	20.12	32.89	-0.16	62.76
31.15	16.77	13.23	4317	29.01	20.12	32.54	-0.16	62.76
31.18	17.16	13.23	4333	28.62	20.12	31.74	-0.16	62.76
31.2	17.16	13.23	4330	28.22	20.12	31.62	-0.16	62.76
31.22	17.16	13.23	4329	27.83	20.12	30.82	-0.16	62.76
31.28	17.16	13.23	4328	27.44	20.12	31.62	-0.16	62.76
31.3	17.16	13.23	4333	27.83	20.12	31.74	-0.16	62.76
31.33	16.77	13.38	4328	27.83	20.12	32.43	-0.16	62.76
31.36	16.77	13.38	4319	28.62	20.12	33.12	-0.16	62.76
31.4	16.77	13.52	4313	29.01	20.12	33	-0.16	62.76
31.42	16.77	13.52	4324	29.01	20.12	33.23	-0.16	62.76
31.44	16.77	13.52	4310	29.4	20.12	33.46	-0.16	62.76
31.48	17.16	13.52	4331	29.4	20.12	32.66	-0.16	62.76
31.52	16.77	13.52	4327	29.01	20.12	32.43	-0.16	62.76
31.54	16.77	13.38	4318	28.22	20.12	32.08	-0.16	62.76
31.58	17.16	13.23	4328	28.22	20.12	31.62	-0.16	62.76
31.6	16.77	13.23	4325	28.22	20.12	32.31	-0.16	62.76
31.64	16.77	13.23	4326	28.22	20.12	31.85	-0.16	62.76
31.66	16.77	13.38	4329	28.22	20.12	32.2	-0.16	62.76
31.68	16.77	13.38	4310	28.22	20.12	31.74	-0.16	62.76
31.72	16.38	13.38	4322	28.22	20.12	31.97	-0.16	62.76
31.74	16.77	13.38	4313	28.22	20.12	32.43	-0.16	62.76
31.76	16.77	13.38	4318	28.22	20.12	32.43	-0.16	62.76
31.8	16.77	13.38	4330	28.62	20.12	32.2	-0.16	62.76
31.82	16.77	13.38	4324	28.22	20.12	31.85	-0.16	62.76
31.86	16.77	13.38	4323	28.22	20.12	31.85	-0.16	62.76
31.88	16.77	13.38	4320	28.22	20.12	32.2	-0.16	62.76
31.92	16.77	13.38	4319	28.22	20.12	32.43	-0.16	62.76
31.94	16.77	13.38	4316	28.22	20.12	32.08	-0.16	62.76
31.96	16.77	13.38	4308	27.83	20.12	31.28	-0.16	62.76
32	16.77	13.38	4311	28.22	20.12	32.2	-0.16	62.76
32.02	16.77	13.38	4312	28.22	20.12	32.43	-0.16	62.76
32.04	16.77	13.38	4313	28.22	20.12	31.74	-0.16	62.76
32.08	16.77	13.38	4329	28.22	20.12	32.31	-0.16	62.76
32.12	16.77	13.38	4315	27.83	20.12	31.39	-0.16	62.76
32.16	16.77	13.38	4323	27.83	20.12	32.08	-0.16	62.76
32.18	16.77	13.38	4310	28.22	20.12	31.97	-0.16	62.76

32.2	16.77	13.38	4313	28.22	20.12	31.97	-0.16	62.76
32.24	16.77	13.52	4321	28.22	20.12	31.74	-0.16	62.76
32.26	16.77	13.52	4309	28.22	20.12	32.2	-0.16	62.76
32.28	16.77	13.52	4312	27.83	20.12	31.39	-0.16	62.76
32.32	16.77	13.38	4313	27.83	20.12	32.2	-0.16	62.76
32.34	16.77	13.38	4319	28.22	20.12	32.43	-0.16	62.76
32.36	16.77	13.52	4314	28.22	20.12	31.74	-0.16	62.76
32.4	16.77	13.52	4309	27.83	20.12	31.28	-0.16	62.76
32.44	16.77	13.52	4306	27.83	20.12	31.17	-0.16	62.76
32.48	16.77	13.52	4308	27.83	20.12	31.39	-0.16	62.76
32.5	16.38	13.52	4306	27.83	20.12	31.97	-0.16	62.76
32.52	16.38	13.52	4306	28.22	20.12	31.97	-0.16	62.76
32.56	16.38	13.52	4316	28.22	20.12	31.39	-0.16	62.76
32.58	16.77	13.52	4305	28.22	20.12	32.43	-0.16	62.76
32.62	16.77	13.52	4308	28.22	20.12	31.97	-0.16	62.76
32.64	16.77	13.52	4315	28.22	20.12	32.2	-0.16	62.76
32.66	16.77	13.52	4311	28.22	20.12	31.97	-0.16	62.76
32.7	16.77	13.38	4314	28.22	20.12	31.74	-0.16	62.76
32.75	17.16	13.38	4316	27.83	20.12	31.62	-0.16	62.76
32.76	16.77	13.38	4319	27.83	20.12	31.74	-0.16	62.76
32.78	16.77	13.38	4303	27.83	20.12	31.39	-0.16	62.76
32.82	17.16	13.52	4317	27.83	20.12	31.51	-0.16	62.76
32.84	17.16	13.38	4311	27.83	20.12	31.74	-0.16	62.76
32.88	17.16	13.38	4309	27.83	20.12	31.51	-0.16	62.76
32.9	17.16	13.38	4303	28.22	20.12	32.43	-0.16	62.76
32.92	17.16	13.38	4308	28.22	20.12	31.97	-0.16	62.76
32.96	17.16	13.38	4305	28.62	20.12	32.54	-0.16	62.76
32.98	17.16	13.52	4320	28.62	20.12	32.66	-0.16	62.76
33.02	16.77	13.52	4305	29.01	20.12	33	-0.16	62.76
33.06	17.16	13.52	4304	29.01	20.12	32.77	-0.16	62.76
33.08	17.16	13.52	4307	29.01	20.12	33.12	-0.16	62.76
33.12	16.38	13.52	4311	29.01	20.12	33.12	-0.16	62.76
33.14	16.38	13.52	4299	29.01	20.12	32.89	-0.16	62.76
33.18	17.16	13.38	4301	29.01	20.12	32.31	-0.16	62.76
33.22	17.16	13.38	4304	28.62	20.12	32.31	-0.16	62.76
33.24	17.16	13.23	4318	28.62	20.12	32.43	-0.16	62.76
33.28	17.16	13.23	4318	28.22	20.12	31.85	-0.16	62.76
33.3	17.16	13.23	4313	28.22	20.12	31.97	-0.16	62.76
33.34	17.16	13.23	4307	28.62	20.12	32.54	-0.16	62.76
33.39	16.77	13.23	4295	28.62	20.12	32.54	-0.16	62.14
33.4	16.77	13.23	4312	29.01	20.12	33.35	-0.16	62.14
33.42	16.38	13.38	4310	29.4	20.12	33.35	-0.16	62.76
33.46	16.38	13.38	4304	29.4	20.12	33.12	-0.16	62.14
33.48	16.38	13.52	4301	29.01	20.12	32.66	-0.16	62.14
33.5	16.38	13.38	4297	29.01	20.12	31.85	-0.16	62.14
33.54	16.38	13.38	4301	28.22	20.12	30.94	-0.16	62.76
33.56	16.77	13.38	4302	27.44	20.12	30.71	-0.16	62.76

33.58	17.16	13.23	4320	27.44	20.12	31.39	-0.16	62.76
33.62	17.16	13.23	4314	27.44	20.12	30.49	-0.16	62.76
33.66	17.16	13.23	4316	27.44	20.12	30.82	-0.16	62.76
33.7	17.55	13.23	4303	27.44	20.12	31.39	-0.16	62.76
33.74	17.16	13.38	4305	28.22	20.12	33	-0.16	62.76
33.78	17.55	13.38	4306	29.01	20.12	33.46	-0.16	62.76
33.8	17.16	13.52	4297	29.4	20.12	33.46	-0.16	62.76
33.82	17.16	13.52	4295	29.79	20.12	34.27	-0.16	62.76
33.86	17.16	13.67	4314	30.18	20.12	34.52	-0.16	62.76
33.88	17.16	13.52	4303	30.18	20.12	34.03	-0.16	62.76
33.92	17.16	13.52	4317	29.79	20.12	33.8	-0.16	62.76
33.94	17.55	13.52	4300	29.79	20.12	34.4	-0.16	62.76
33.98	17.16	13.38	4298	30.18	20.12	34.16	-0.16	62.76
34	17.16	13.38	4311	30.18	20.12	33.92	-0.16	62.14
34.02	17.16	13.38	4313	30.18	20.12	34.04	-0.16	62.76
34.06	17.16	13.38	4311	30.18	20.12	34.27	-0.16	62.76
34.08	17.16	13.38	4304	30.18	20.12	33.57	-0.16	62.76
34.1	17.55	13.38	4290	30.18	20.12	34.65	-0.16	62.76
34.14	17.55	13.38	4307	30.58	20.12	34.9	-0.16	62.14
34.18	17.55	13.38	4300	30.18	20.12	33.8	-0.16	62.76
34.2	17.55	13.38	4312	30.18	20.12	34.15	-0.16	62.14
34.24	17.55	13.23	4297	30.18	20.12	33.8	-0.16	62.76
34.26	17.55	13.23	4309	29.79	20.12	33.46	-0.16	62.76
34.3	17.55	13.23	4308	29.4	20.12	33.35	-0.16	62.76
34.34	17.55	13.23	4314	29.4	20.12	33.46	-0.16	62.76
34.36	17.55	13.23	4314	29.4	20.12	33.57	-0.16	62.76
34.38	17.16	13.38	4311	29.4	20.12	33.93	-0.16	62.76
34.42	17.16	13.38	4313	29.79	20.12	33.57	-0.16	62.76
34.44	17.55	13.38	4302	29.79	20.12	33.92	-0.16	62.76
34.48	17.16	13.52	4308	29.79	20.12	34.27	-0.16	62.76
34.5	17.16	13.52	4302	30.18	20.12	33.92	-0.16	62.76
34.56	17.16	13.52	4299	30.18	20.12	34.03	-0.16	62.76
34.58	17.16	13.38	4304	29.79	20.12	33.8	-0.16	62.76
34.6	17.16	13.38	4301	29.79	20.12	33.8	-0.16	62.76
34.64	17.16	13.38	4297	30.18	20.12	34.27	-0.16	62.14
34.66	17.16	13.38	4307	30.18	20.12	34.65	-0.16	62.14
34.7	17.16	13.38	4303	30.18	20.12	33.8	-0.16	62.76
34.74	17.16	13.38	4314	29.79	20.12	33.23	-0.16	62.76
34.76	17.16	13.38	4300	29.79	20.12	33.46	-0.16	62.76
34.78	17.16	13.38	4310	29.4	20.12	32.89	-0.16	62.76
34.82	17.16	13.38	4294	29.01	20.12	33.12	-0.16	62.14
34.86	17.16	13.38	4301	29.4	20.12	33.35	-0.16	62.14
34.88	17.16	13.38	4310	29.4	20.12	32.89	-0.16	62.76
34.9	17.16	13.38	4306	29.01	20.12	32.43	-0.16	62.76
34.94	17.16	13.38	4305	29.01	20.12	33.12	-0.16	62.76
34.96	17.16	13.38	4306	29.01	20.12	33	-0.16	62.76
35	17.16	13.38	4291	29.4	20.12	33.35	-0.16	62.76

35.02	17.16	13.38	4296	29.4	20.12	33.35	-0.16	62.14
35.06	17.16	13.38	4298	29.4	20.12	33	-0.16	62.14
35.08	17.55	13.38	4300	29.4	20.12	33.8	-0.16	62.76
35.12	17.55	13.52	4301	29.79	20.12	33.69	-0.16	62.14
35.14	17.55	13.52	4306	29.4	20.12	33.69	-0.16	62.14
35.16	17.55	13.52	4312	29.79	20.12	34.4	-0.16	62.14
35.2	17.55	13.52	4300	30.18	20.12	34.4	-0.16	62.76
35.22	17.55	13.52	4301	30.58	20.12	34.77	-0.16	62.76
35.24	17.55	13.52	4296	30.58	20.12	35.15	-0.16	62.14
35.28	17.55	13.52	4294	30.97	20.12	35.15	-0.16	62.76
35.3	17.55	13.52	4308	30.97	20.12	35.78	-0.16	62.14
35.34	17.55	13.52	4301	31.36	20.12	35.15	-0.16	62.14
35.38	17.55	13.52	4298	31.36	20.12	35.53	-0.16	62.14
35.4	17.55	13.52	4293	30.97	20.12	34.77	-0.16	62.14
35.44	17.55	13.52	4308	30.97	20.12	34.52	-0.16	62.14
35.46	17.55	13.52	4297	30.97	20.12	34.77	-0.16	62.14
35.48	17.55	13.52	4311	30.97	20.12	34.77	-0.16	62.14
35.52	17.55	13.52	4299	30.97	20.12	34.77	-0.16	62.76
35.56	17.55	13.52	4296	30.97	20.12	34.77	-0.16	62.14
35.6	17.55	13.52	4303	30.97	20.12	35.28	-0.16	62.14
35.62	17.55	13.52	4305	30.97	20.12	35.15	-0.16	62.14
35.64	17.55	13.52	4302	30.97	20.12	35.15	-0.16	62.14
35.68	17.55	13.52	4303	30.97	20.12	35.28	-0.16	62.14
35.7	17.55	13.52	4307	30.97	20.12	35.15	-0.16	62.14
35.74	17.55	13.52	4307	30.58	20.12	33.69	-0.16	62.76
35.76	17.55	13.52	4300	30.97	20.12	35.28	-0.16	62.14
35.8	17.55	13.38	4309	30.97	20.12	34.77	-0.16	62.14
35.84	17.55	13.38	4301	30.97	20.12	35.02	-0.16	62.14
35.86	17.55	13.38	4308	30.97	20.12	34.77	-0.16	62.76
35.9	17.55	13.38	4297	30.58	20.12	34.77	-0.16	62.76
35.92	17.55	13.23	4306	30.58	20.12	34.15	-0.16	62.14
35.96	17.55	13.23	4305	30.18	20.12	33.92	-0.16	62.76
35.98	17.55	13.23	4297	30.18	20.12	34.03	-0.16	62.14
36.02	17.55	13.23	4311	30.18	20.12	34.27	-0.16	62.14
36.04	17.55	13.23	4300	30.58	20.12	34.77	-0.16	62.76
36.08	17.55	13.23	4311	30.58	20.12	34.27	-0.16	62.76
36.1	17.55	13.23	4298	30.58	20.12	34.52	-0.16	62.76
36.14	17.55	13.38	4306	30.18	20.12	34.27	-0.16	62.14
36.16	17.55	13.23	4308	30.58	20.12	34.27	-0.16	62.76
36.18	17.55	13.23	4294	30.58	20.12	34.4	-0.16	62.76
36.22	17.55	13.23	4295	30.58	20.12	34.03	-0.16	62.14
36.24	17.55	13.23	4294	30.18	20.12	34.15	-0.16	62.76
36.26	17.55	13.23	4298	30.18	20.12	34.15	-0.16	62.76
36.28	17.55	13.23	4312	30.18	20.12	34.52	-0.16	62.14
36.32	17.55	13.23	4308	30.58	20.12	34.52	-0.16	62.76
36.36	17.55	13.38	4310	30.58	20.12	35.28	-0.16	62.76
36.38	17.55	13.38	4300	30.97	20.12	35.15	-0.16	62.76

36.4	17.55	13.38	4306	30.97	20.12	34.65	-0.16	62.14
36.44	17.16	13.38	4297	30.97	20.12	35.53	-0.16	62.14
36.46	17.16	13.38	4300	31.36	20.12	35.53	-0.16	62.14
36.5	17.55	13.38	4293	31.36	20.12	35.02	-0.16	62.14
36.52	17.16	13.38	4299	31.36	20.12	35.53	-0.16	62.14
36.56	17.16	13.38	4298	31.36	20.12	35.15	-0.16	62.14
36.6	17.16	13.23	4307	30.58	20.12	33.57	-0.16	62.14
36.62	17.55	13.23	4292	30.18	20.12	33.35	-0.16	62.76
36.64	17.16	13.23	4292	29.79	20.12	33.57	-0.16	62.14
36.68	17.16	13.23	4301	29.79	20.12	33.46	-0.16	62.76
36.72	17.55	13.23	4300	29.4	20.12	33.23	-0.16	62.14
36.74	17.55	13.23	4300	29.4	20.12	33.12	-0.16	62.76
36.78	17.55	13.23	4295	29.4	20.12	33	-0.16	62.14
36.82	17.55	13.23	4298	29.79	20.12	33.69	-0.16	62.14
36.84	17.55	13.23	4299	29.4	20.12	33.46	-0.16	62.76
36.89	17.55	13.23	4315	29.79	20.12	34.52	-0.16	62.14
36.9	17.55	13.23	4313	30.18	20.12	34.52	-0.16	62.76
36.94	17.55	13.38	4311	30.58	20.12	35.02	-0.16	62.76
36.96	17.55	13.38	4306	30.97	20.12	35.02	-0.16	62.76
37	17.55	13.52	4295	30.97	20.12	35.28	-0.16	62.76
37.02	17.55	13.52	4300	30.97	20.12	34.65	-0.16	62.14
37.04	17.55	13.38	4307	30.58	20.12	34.65	-0.16	62.76
37.06	17.55	13.38	4304	30.97	20.12	34.77	-0.16	62.76
37.1	17.55	13.38	4299	30.58	20.12	34.52	-0.16	62.76
37.14	17.16	13.38	4294	30.97	20.12	35.02	-0.16	62.76
37.18	17.55	13.38	4311	30.97	20.12	34.9	-0.16	62.76
37.2	17.55	13.38	4310	30.58	20.12	34.4	-0.16	62.14
37.24	17.55	13.38	4309	30.58	20.12	34.27	-0.16	62.76
37.26	17.55	13.23	4294	30.18	20.12	34.27	-0.16	62.76
37.3	17.55	13.23	4298	30.58	20.12	34.77	-0.16	62.14
37.32	17.55	13.23	4307	30.18	20.12	34.15	-0.16	62.14
37.34	17.55	13.23	4305	30.18	20.12	34.4	-0.16	62.76
37.38	17.55	13.23	4298	30.18	20.12	33.92	-0.16	62.14
37.4	17.55	13.23	4299	30.18	20.12	34.52	-0.16	62.76
37.42	17.55	13.23	4299	30.18	20.12	34.03	-0.16	62.76
37.47	17.55	13.23	4299	30.18	20.12	34.03	-0.16	62.14
37.48	17.55	13.23	4305	30.18	20.12	34.27	-0.16	62.14
37.52	17.55	13.23	4301	30.18	20.12	34.27	-0.16	62.14
37.54	17.55	13.23	4293	30.18	20.12	34.27	-0.16	62.14
37.58	17.55	13.23	4301	30.18	20.12	34.27	-0.16	62.14
37.63	17.55	13.23	4295	30.58	20.12	34.65	-0.16	62.14
37.64	17.55	13.23	4290	30.58	20.12	34.4	-0.16	62.14
37.68	17.55	13.23	4294	30.58	20.12	34.27	-0.16	62.14
37.72	17.55	13.23	4304	30.18	20.12	34.27	-0.16	62.14
37.74	17.55	13.23	4295	30.18	20.12	34.16	-0.16	62.76
37.76	17.55	13.23	4305	30.18	20.12	34.27	-0.16	62.14
37.78	17.55	13.23	4292	30.18	20.12	34.27	-0.16	62.14

37.82	17.55	13.38	4309	30.18	20.12	34.4	-0.16	62.14
37.86	17.55	13.38	4296	30.18	20.12	34.03	-0.16	62.14
37.9	17.55	13.23	4298	30.58	20.12	34.65	-0.16	62.14
37.92	17.55	13.23	4298	30.18	20.12	33.69	-0.16	62.14
37.94	17.55	13.23	4305	30.18	20.12	34.27	-0.16	62.76
37.98	17.55	13.23	4297	30.18	20.12	33.92	-0.16	62.14
38	17.55	13.23	4306	30.18	20.12	34.52	-0.16	62.76
38.04	17.55	13.23	4301	30.18	20.12	33.8	-0.16	62.14
38.08	17.55	13.38	4305	30.18	20.12	34.52	-0.16	62.76
38.1	17.55	13.38	4302	30.18	20.12	34.4	-0.16	62.14
38.12	17.55	13.38	4296	30.58	20.12	34.27	-0.16	62.14
38.16	17.55	13.38	4298	30.18	20.12	33.57	-0.16	62.76
38.18	17.55	13.38	4300	30.18	20.12	33.92	-0.16	62.76
38.22	17.55	13.38	4302	30.18	20.12	34.03	-0.16	62.76
38.24	17.55	13.38	4302	30.18	20.12	34.27	-0.16	62.76
38.26	17.55	13.38	4300	30.18	20.12	34.28	-0.16	62.14
38.3	17.55	13.38	4304	30.18	20.12	34.16	-0.16	62.76
38.32	17.55	13.38	4293	30.58	20.12	34.4	-0.16	62.76
38.36	17.55	13.38	4307	30.18	20.12	33.8	-0.16	62.14
38.38	17.55	13.38	4295	30.58	20.12	35.4	-0.16	62.14
38.4	17.55	13.38	4307	30.97	20.12	34.27	-0.16	62.14
38.42	17.55	13.38	4309	30.58	20.12	34.77	-0.16	62.14
38.44	17.55	13.38	4293	30.58	20.12	34.52	-0.16	62.14
38.48	17.55	13.38	4303	30.58	20.12	34.77	-0.16	62.14
38.52	17.55	13.38	4296	30.18	20.12	34.03	-0.16	62.14
38.54	17.55	13.23	4308	30.18	20.12	34.4	-0.16	62.76
38.56	17.55	13.23	4302	30.18	20.12	34.27	-0.16	62.76
38.6	17.55	13.23	4304	30.58	20.12	34.65	-0.16	62.76
38.65	17.55	13.38	4309	30.58	20.12	34.16	-0.16	62.76
38.68	17.55	13.38	4295	30.18	20.12	34.03	-0.16	62.76
38.7	17.55	13.38	4301	30.18	20.12	34.16	-0.16	62.76
38.72	17.55	13.38	4301	30.58	20.12	35.15	-0.16	62.76
38.76	17.55	13.38	4297	30.58	20.12	34.27	-0.16	62.76
38.8	17.55	13.38	4310	30.58	20.12	34.4	-0.16	62.76
38.84	17.55	13.38	4307	30.18	20.12	34.03	-0.16	62.76
38.86	17.55	13.38	4311	30.18	20.12	34.4	-0.16	62.14
38.88	17.55	13.38	4294	30.18	20.12	34.27	-0.16	62.14
38.92	17.55	13.38	4303	30.18	20.12	34.16	-0.16	62.76
38.94	17.55	13.38	4291	30.18	20.12	34.4	-0.16	62.14
38.96	17.16	13.38	4308	30.18	20.12	34.03	-0.16	62.76
39	17.55	13.38	4299	30.18	20.12	34.27	-0.16	62.14
39.02	17.55	13.38	4305	30.58	20.12	34.27	-0.16	62.14
39.06	17.55	13.38	4304	30.18	20.12	34.65	-0.16	62.14
39.08	17.55	13.38	4298	30.58	20.12	34.4	-0.16	62.14
39.12	17.55	13.38	4313	30.18	20.12	34.03	-0.16	62.76
39.16	17.55	13.38	4302	30.18	20.12	34.03	-0.16	62.76
39.18	17.55	13.38	4299	30.18	20.12	34.16	-0.16	62.76

39.2	17.55	13.38	4301	30.18	20.12	33.92	-0.16	62.76
39.24	17.55	13.23	4304	30.18	20.12	34.4	-0.16	62.76
39.28	17.55	13.23	4311	30.18	20.12	34.27	-0.16	62.76
39.3	17.55	13.38	4300	30.58	20.12	34.52	-0.16	62.14
39.32	17.55	13.38	4309	30.58	20.12	34.65	-0.16	62.76
39.36	17.55	13.38	4305	30.58	20.12	34.03	-0.16	62.76
39.38	17.55	13.38	4309	30.18	20.12	34.03	-0.16	62.14
39.4	17.55	13.38	4300	30.18	20.12	34.16	-0.16	62.76
39.44	17.55	13.23	4306	30.18	20.12	34.03	-0.16	62.14
39.46	17.55	13.38	4307	30.18	20.12	34.27	-0.16	62.14
39.48	17.55	13.38	4310	30.18	20.12	33.92	-0.16	62.76
39.52	17.55	13.38	4312	30.18	20.12	34.52	-0.16	62.76
39.56	17.55	13.38	4299	30.58	20.12	34.27	-0.16	62.76
39.59	17.55	13.38	4301	30.18	20.12	33.92	-0.16	62.76
39.62	17.55	13.38	4310	30.18	20.12	34.03	-0.16	62.76
39.64	17.55	13.38	4306	30.58	20.12	34.65	-0.16	62.76
39.68	17.55	13.38	4300	30.58	20.12	34.52	-0.16	62.14
39.7	17.55	13.38	4308	30.58	20.12	33.8	-0.16	62.14
39.72	17.55	13.38	4294	30.18	20.12	34.52	-0.16	62.76
39.76	17.55	13.38	4296	30.18	20.12	34.4	-0.16	62.14
39.78	17.55	13.38	4292	30.58	20.12	33.92	-0.16	62.76
39.8	17.55	13.23	4293	30.58	20.12	34.4	-0.16	62.14
39.84	17.55	13.38	4303	30.58	20.12	34.65	-0.16	62.76
39.88	17.55	13.23	4296	30.58	20.12	34.52	-0.16	62.14
39.9	17.55	13.23	4297	30.58	20.12	34.52	-0.16	62.14
39.94	17.55	13.23	4304	30.58	20.12	34.4	-0.16	62.76
39.96	17.55	13.38	4304	29.79	20.12	33	-0.16	62.14
40	17.55	13.38	4296	29.4	20.12	33.35	-0.16	62.14
40.02	17.55	13.23	4304	29.4	20.12	33.69	-0.16	62.14
40.04	17.55	13.23	4296	29.79	20.12	33.57	-0.16	62.14
40.08	17.55	13.38	4297	29.79	20.12	33.92	-0.16	62.14
40.1	17.55	13.38	4300	30.18	20.12	34.77	-0.16	62.76
40.12	17.55	13.52	4304	30.18	20.12	33.69	-0.16	62.76
40.14	17.55	13.52	4309	30.18	20.12	34.4	-0.16	62.76
40.18	17.55	13.52	4305	30.58	20.12	34.77	-0.16	62.14
40.2	17.55	13.38	4302	30.58	20.12	34.03	-0.16	62.14
40.24	17.55	13.38	4292	30.58	20.12	34.65	-0.16	62.14
40.28	17.55	13.38	4308	30.18	20.12	33.57	-0.16	62.14
40.32	17.16	13.38	4298	30.58	20.12	34.52	-0.16	62.76
40.34	17.55	13.38	4310	30.18	20.12	34.03	-0.16	62.14
40.38	17.55	13.38	4302	30.18	20.12	34.4	-0.16	62.14
40.4	17.55	13.38	4302	30.18	20.12	34.03	-0.16	62.14
40.42	17.55	13.38	4295	30.18	20.12	34.27	-0.16	62.14
40.44	17.55	13.38	4297	30.18	20.12	33.35	-0.16	62.14
40.48	17.55	13.38	4301	30.18	20.12	34.27	-0.16	62.14
40.52	17.55	13.38	4297	30.18	20.12	34.27	-0.16	62.76
40.56	17.55	13.38	4307	30.18	20.12	34.27	-0.16	62.14

40.58	17.55	13.38	4306	30.18	20.12	34.4	-0.16	62.76
40.62	17.55	13.38	4306	30.18	20.12	34.15	-0.16	62.14
40.65	17.55	13.38	4311	30.18	20.12	34.65	-0.16	62.14
40.68	17.55	13.38	4296	30.18	20.12	34.16	-0.16	62.14
40.7	17.55	13.38	4298	30.18	20.12	33.8	-0.16	62.14
40.74	17.55	13.38	4296	30.18	20.12	34.03	-0.16	62.76
40.76	17.55	13.38	4305	30.18	20.12	34.27	-0.16	62.14
40.8	17.55	13.38	4313	30.18	20.12	34.15	-0.16	62.76
40.82	17.55	13.38	4305	29.79	20.12	33.12	-0.16	62.76
40.86	17.55	13.38	4298	29.79	20.12	33	-0.16	62.14
40.9	17.55	13.38	4299	29.79	20.12	33.57	-0.16	62.14
40.92	17.55	13.38	4308	30.18	20.12	34.16	-0.16	62.14
40.94	17.55	13.52	4293	29.79	20.12	33.69	-0.16	62.14
40.98	17.55	13.52	4306	29.79	20.12	34.16	-0.16	62.76
41.02	17.55	13.52	4307	30.58	20.12	34.65	-0.16	62.14
41.06	17.55	13.52	4310	30.18	20.12	33.69	-0.16	62.76
41.1	17.55	13.52	4305	30.18	20.12	34.52	-0.16	62.14
41.12	17.55	13.52	4290	30.18	20.12	34.4	-0.16	62.76
41.14	17.55	13.52	4302	30.58	20.12	35.15	-0.16	62.14
41.16	17.55	13.52	4309	30.58	20.12	34.27	-0.16	62.14
41.2	17.16	13.38	4307	30.58	20.12	34.27	-0.16	62.76
41.22	17.55	13.38	4310	30.58	20.12	35.02	-0.16	62.14
41.24	17.55	13.38	4297	30.97	20.12	35.02	-0.16	62.76
41.28	17.55	13.23	4312	30.97	20.12	34.65	-0.16	62.14
41.32	17.55	13.23	4302	30.58	20.12	34.4	-0.16	62.76
41.37	17.55	13.23	4307	30.18	20.12	33.8	-0.16	62.76
41.38	17.55	13.23	4308	30.18	20.12	33.57	-0.16	62.76
41.4	17.55	13.23	4299	30.18	20.12	34.52	-0.16	62.76
41.42	17.55	13.23	4313	30.18	20.12	34.03	-0.16	62.76
41.46	17.55	13.38	4297	30.18	20.12	33.8	-0.16	62.76
41.5	17.55	13.38	4291	30.18	20.12	34.52	-0.16	62.76
41.52	17.55	13.38	4301	30.58	20.12	34.52	-0.16	62.14
41.54	17.55	13.38	4292	30.58	20.12	34.27	-0.16	62.14
41.58	17.55	13.38	4303	30.58	20.12	34.27	-0.16	62.14
41.6	17.55	13.38	4304	30.18	20.12	33.35	-0.16	62.76
41.62	17.55	13.38	4306	29.01	20.12	32.31	-0.16	62.76
41.66	17.55	13.38	4312	29.01	20.12	33.35	-0.16	62.76
41.68	17.55	13.38	4302	29.4	20.12	33.8	-0.16	62.76
41.7	17.55	13.38	4297	29.79	20.12	34.52	-0.16	62.76
41.74	17.55	13.52	4294	30.18	20.12	34.27	-0.16	62.14
41.76	17.55	13.67	4291	30.18	20.12	34.03	-0.16	62.76
41.78	17.55	13.67	4293	30.18	20.12	34.16	-0.16	62.14
41.82	17.55	13.52	4301	30.18	20.12	35.02	-0.16	62.14
41.84	17.55	13.52	4300	30.58	20.12	34.4	-0.16	62.76
41.88	17.55	13.52	4297	30.18	20.12	34.03	-0.16	62.14
41.92	17.55	13.38	4293	30.58	20.12	34.65	-0.16	62.76
41.94	17.55	13.38	4294	30.58	20.12	34.77	-0.16	62.14

41.98	17.55	13.38	4300	30.58	20.12	34.27	-0.16	62.14
42	17.55	13.38	4293	30.58	20.12	34.52	-0.16	62.14
42.02	17.55	13.38	4297	30.58	20.12	35.02	-0.16	62.14
42.06	17.55	13.38	4305	30.58	20.12	34.4	-0.16	62.14
42.08	17.55	13.38	4294	30.58	20.12	34.65	-0.16	62.14
42.1	17.55	13.38	4299	30.97	20.12	35.28	-0.16	62.14
42.14	17.55	13.38	4300	30.97	20.12	35.28	-0.16	62.14
42.16	17.55	13.38	4301	30.97	20.12	34.9	-0.16	62.14
42.18	17.55	13.38	4292	30.97	20.12	35.15	-0.16	62.14
42.22	17.94	13.23	4308	30.97	20.12	35.28	-0.16	62.14
42.26	17.55	13.38	4312	30.58	20.12	34.28	-0.16	62.14
42.28	17.55	13.23	4297	30.58	20.12	34.28	-0.16	62.14
42.32	17.55	13.23	4296	30.58	20.12	34.52	-0.16	62.14
42.34	17.55	13.23	4305	30.97	20.12	35.15	-0.16	62.14
42.36	17.55	13.38	4292	30.97	20.12	35.4	-0.16	62.14
42.38	17.55	13.38	4293	31.36	20.12	35.15	-0.16	62.14
42.42	17.55	13.38	4295	31.36	20.12	35.53	-0.16	62.14
42.44	17.55	13.38	4298	31.36	20.12	35.28	-0.16	62.76
42.48	17.55	13.38	4299	31.36	20.12	35.4	-0.16	62.14
42.5	17.55	13.38	4294	31.36	20.12	35.53	-0.16	62.14
42.52	17.55	13.38	4306	31.36	20.12	34.9	-0.16	62.14
42.54	17.55	13.52	4296	31.36	20.12	35.53	-0.16	62.14
42.6	17.55	13.52	4309	31.36	20.12	35.53	-0.16	62.14
42.62	17.55	13.38	4306	31.36	20.12	35.15	-0.16	62.14
42.66	17.55	13.38	4302	31.36	20.12	35.4	-0.16	62.76
42.68	17.55	13.38	4308	30.97	20.12	34.65	-0.16	62.76
42.72	17.55	13.38	4304	30.97	20.12	35.28	-0.16	62.76
42.76	17.55	13.38	4310	31.36	20.12	35.4	-0.16	62.76
42.78	17.55	13.38	4296	30.97	20.12	34.65	-0.16	62.76
42.8	17.55	13.38	4309	30.97	20.12	35.02	-0.16	62.76
42.82	17.55	13.38	4308	30.97	20.12	35.02	-0.16	62.14
42.88	17.55	13.38	4298	30.97	20.12	35.28	-0.16	62.76
42.9	17.55	13.38	4308	30.97	20.12	34.65	-0.16	62.14
42.92	17.55	13.38	4307	30.58	20.12	34.65	-0.16	62.14
42.96	17.55	13.38	4305	30.97	20.12	35.02	-0.16	62.14
43	17.16	13.38	4299	30.97	20.12	35.02	-0.16	62.14
43.02	17.55	13.38	4300	30.97	20.12	34.42	-0.16	62.76
43.06	17.55	13.38	4304	30.58	20.12	34.65	-0.16	62.76
43.08	17.55	13.38	4308	30.18	20.12	34.15	-0.16	62.14
43.12	17.16	13.38	4305	30.18	20.12	33.8	-0.16	62.76
43.16	17.55	13.38	4301	29.4	20.12	32.89	-0.16	62.14
43.18	17.55	13.38	4308	29.4	20.12	33.35	-0.16	62.76
43.2	17.55	13.23	4299	29.4	20.12	33.35	-0.16	62.14
43.24	17.55	13.38	4296	29.4	20.12	33.35	-0.16	62.76
43.26	17.55	13.52	4310	29.4	20.12	33.57	-0.16	62.14
43.28	17.55	13.52	4315	29.79	20.12	34.27	-0.16	62.76
43.32	17.55	13.52	4302	29.79	20.12	34.16	-0.16	62.76

43.34	17.55	13.52	4304	30.18	20.12	33.8	-0.16	62.76
43.36	17.55	13.52	4321	30.18	20.12	34.4	-0.16	62.76
43.4	17.55	13.52	4305	30.58	20.12	35.28	-0.16	62.76
43.42	17.55	13.38	4315	30.97	20.12	35.15	-0.16	62.76
43.44	17.55	13.38	4301	30.97	20.12	35.53	-0.16	62.76
43.49	17.55	13.38	4304	31.36	20.12	35.28	-0.16	62.76
43.5	17.55	13.38	4305	31.36	20.12	35.78	-0.16	62.76
43.52	17.16	13.38	4305	31.36	20.12	35.53	-0.16	62.76
43.56	17.16	13.38	4308	31.36	20.12	35.4	-0.16	62.76
43.58	17.55	13.38	4304	31.36	20.12	35.28	-0.16	62.14
43.6	17.55	13.38	4309	31.36	20.12	35.02	-0.16	62.76
43.64	17.55	13.38	4298	30.97	20.12	34.27	-0.16	62.76
43.66	17.55	13.38	4299	30.58	20.12	33.69	-0.16	62.76
43.68	17.55	13.38	4306	30.18	20.12	33.8	-0.16	62.76
43.7	17.55	13.23	4307	30.18	20.12	34.03	-0.16	62.76
43.74	17.55	13.08	4312	29.79	20.12	33.57	-0.16	62.76
43.76	17.55	13.08	4308	30.18	20.12	34.27	-0.16	62.76
43.8	17.55	13.08	4295	30.18	20.12	34.03	-0.16	62.76
43.82	17.55	13.23	4306	29.79	20.12	33.69	-0.16	62.14
43.84	17.55	13.23	4294	29.79	20.12	33.8	-0.16	62.14
43.88	17.55	13.23	4312	30.18	20.12	34.16	-0.16	62.14
43.9	17.55	13.23	4294	30.18	20.12	33.57	-0.16	62.76
43.92	17.55	13.23	4301	29.79	20.12	33.8	-0.16	62.14
43.96	17.55	13.23	4296	29.79	20.12	33.69	-0.16	62.14
44	17.55	13.38	4302	29.79	20.12	33.35	-0.16	62.76
44.02	17.16	13.38	4312	29.79	20.12	34.16	-0.16	62.14
44.06	17.55	13.38	4295	30.18	20.12	34.52	-0.16	62.76
44.08	17.55	13.52	4301	30.18	20.12	34.4	-0.16	62.14
44.12	17.55	13.52	4299	30.58	20.12	34.27	-0.16	62.14
44.16	17.55	13.52	4291	30.18	20.12	33.57	-0.16	62.14
44.18	17.55	13.52	4302	30.18	20.12	34.52	-0.16	62.76
44.2	17.55	13.38	4305	30.58	20.12	34.4	-0.16	62.76
44.24	17.55	13.38	4299	30.18	20.12	34.27	-0.16	62.14
44.28	17.55	13.38	4289	30.18	20.12	34.27	-0.16	62.14
44.32	17.55	13.38	4297	30.18	20.12	34.52	-0.16	62.76
44.34	17.55	13.38	4312	30.58	20.12	34.16	-0.16	62.76
44.36	17.55	13.38	4304	30.58	20.12	34.27	-0.16	62.76
44.4	17.55	13.38	4295	30.58	20.12	34.52	-0.16	62.14
44.42	17.55	13.38	4302	30.58	20.12	34.52	-0.16	62.14
44.44	17.55	13.38	4299	30.58	20.12	34.52	-0.16	62.76
44.46	17.55	13.38	4306	30.58	20.12	34.27	-0.16	62.14
44.5	17.55	13.38	4306	30.58	20.12	34.4	-0.16	62.76
44.52	17.55	13.23	4305	30.58	20.12	35.02	-0.16	62.76
44.54	17.55	13.23	4311	30.58	20.12	34.77	-0.16	62.76
44.58	17.55	13.23	4309	30.58	20.12	34.52	-0.16	62.76
44.63	17.55	13.38	4299	30.18	20.12	34.03	-0.16	62.14
44.64	17.55	13.38	4296	30.18	20.12	33.57	-0.16	62.76

44.69	17.55	13.23	4299	30.18	20.12	34.03	-0.16	62.76
44.7	17.55	13.23	4307	30.18	20.12	34.03	-0.16	62.76
44.72	17.55	13.38	4304	30.18	20.12	34.4	-0.16	62.14
44.78	17.55	13.38	4295	30.58	20.12	34.77	-0.16	62.14
44.8	17.55	13.38	4305	30.58	20.12	34.52	-0.16	62.14
44.82	17.55	13.38	4301	30.58	20.12	34.04	-0.16	62.14
44.84	17.55	13.38	4301	30.18	20.12	33.92	-0.16	62.14
44.88	17.55	13.38	4300	30.18	20.12	34.52	-0.16	62.76
44.9	17.55	13.38	4315	30.58	20.12	34.9	-0.16	62.76
44.94	17.55	13.38	4301	30.58	20.12	34.52	-0.16	62.76
44.96	17.55	13.38	4309	30.58	20.12	34.4	-0.16	62.14
45	17.55	13.38	4293	30.58	20.12	34.52	-0.16	62.14
45.02	17.55	13.38	4302	30.58	20.12	34.27	-0.16	62.76
45.04	17.16	13.23	4297	30.58	20.12	34.77	-0.16	62.14
45.08	17.55	13.38	4302	30.58	20.12	34.52	-0.16	62.76
45.1	17.55	13.38	4299	30.58	20.12	34.52	-0.16	62.76
45.14	17.55	13.23	4295	30.58	20.12	34.65	-0.16	62.76
45.18	17.55	13.23	4294	30.58	20.12	34.65	-0.16	62.76
45.2	17.55	13.23	4301	30.58	20.12	34.52	-0.16	62.14
45.22	17.55	13.23	4301	30.58	20.12	34.77	-0.16	62.76
45.24	17.55	13.23	4313	30.58	20.12	34.28	-0.16	62.76
45.28	17.55	13.23	4297	30.18	20.12	34.16	-0.16	62.76
45.3	17.55	13.23	4308	30.18	20.12	34.52	-0.16	62.76
45.32	17.55	13.23	4298	30.58	20.12	34.27	-0.16	62.76
45.36	17.55	13.23	4303	30.58	20.12	34.52	-0.16	62.76
45.38	17.55	13.23	4302	30.58	20.12	34.52	-0.16	62.76
45.4	17.55	13.23	4298	30.58	20.12	34.04	-0.16	62.76
45.44	17.55	13.38	4304	30.18	20.12	33.92	-0.16	62.14
45.46	17.55	13.38	4295	30.18	20.12	33.35	-0.16	62.76
45.48	17.55	13.38	4306	29.79	20.12	34.03	-0.16	62.76
45.5	17.55	13.38	4309	30.18	20.12	34.27	-0.16	62.76
45.54	17.55	13.38	4299	30.18	20.12	34.9	-0.16	62.76
45.56	17.55	13.38	4307	30.58	20.12	34.9	-0.16	62.76
45.6	17.55	13.38	4308	30.58	20.12	34.27	-0.16	62.14
45.62	17.55	13.38	4311	30.58	20.12	34.4	-0.16	62.14
45.66	17.55	13.38	4310	30.58	20.12	34.9	-0.16	62.14
45.7	17.55	13.38	4292	30.58	20.12	34.27	-0.16	62.76
45.72	17.55	13.38	4304	30.58	20.12	34.9	-0.16	62.14
45.76	17.55	13.38	4301	30.58	20.12	34.77	-0.16	62.76
45.78	17.55	13.38	4313	30.97	20.12	34.9	-0.16	62.14
45.8	17.55	13.38	4297	30.97	20.12	34.77	-0.16	62.14
45.82	17.55	13.23	4293	30.97	20.12	34.52	-0.16	62.76
45.86	17.55	13.23	4296	30.58	20.12	34.4	-0.16	62.14
45.88	17.55	13.23	4298	30.58	20.12	34.52	-0.16	62.76
45.92	17.55	13.23	4308	30.58	20.12	34.4	-0.16	62.14
45.94	17.55	13.23	4305	30.58	20.12	34.4	-0.16	62.14
45.98	17.55	13.23	4297	30.58	20.12	34.52	-0.16	62.14

46.02	17.55	13.23	4300	30.58	20.12	34.03	-0.16	62.76
46.06	17.55	13.38	4299	30.18	20.12	34.03	-0.16	62.14
46.08	17.55	13.23	4299	30.18	20.12	34.15	-0.16	62.76
46.1	17.55	13.23	4293	30.18	20.12	33.92	-0.16	62.76
46.14	17.55	13.38	4288	30.18	20.12	34.27	-0.16	62.14
46.18	17.55	13.38	4300	30.18	20.12	33.92	-0.16	62.14
46.2	17.55	13.38	4304	30.18	20.12	34.52	-0.16	62.76
46.22	17.55	13.38	4312	30.18	20.12	34.4	-0.16	62.76
46.26	17.55	13.38	4313	30.18	20.12	34.4	-0.16	62.76
46.29	17.55	13.38	4291	30.58	20.12	34.15	-0.16	62.14
46.32	17.55	13.38	4291	30.18	20.12	33.8	-0.16	62.76
46.36	17.55	13.38	4298	30.18	20.12	34.52	-0.16	62.76
46.38	17.55	13.38	4304	30.18	20.12	34.52	-0.16	62.14
46.4	17.55	13.38	4312	30.58	20.12	35.02	-0.16	62.76
46.44	17.55	13.38	4305	30.58	20.12	33.92	-0.16	62.76
46.48	17.55	13.38	4305	30.18	20.12	33.23	-0.16	62.14
46.5	17.55	13.38	4293	29.79	20.12	34.04	-0.16	62.14
46.52	17.55	13.38	4306	29.79	20.12	34.16	-0.16	62.76
46.54	17.55	13.38	4300	29.79	20.12	34.16	-0.16	62.76
46.58	17.55	13.38	4303	29.79	20.12	33.57	-0.16	62.76
46.6	17.55	13.52	4310	29.79	20.12	34.28	-0.16	62.76
46.62	17.55	13.52	4308	30.18	20.12	34.28	-0.16	62.76
46.66	17.55	13.52	4307	30.18	20.12	33.92	-0.16	62.14
46.68	17.55	13.52	4301	29.79	20.12	33.57	-0.16	62.14
46.73	17.55	13.52	4299	30.18	20.12	34.03	-0.16	62.76
46.74	17.55	13.52	4310	29.79	20.12	33	-0.16	62.14
46.76	17.55	13.52	4312	29.4	20.12	33.23	-0.16	62.14
46.8	17.55	13.52	4296	29.79	20.12	34.77	-0.16	62.76
46.84	17.55	13.52	4300	30.18	20.12	34.9	-0.16	62.76
46.88	17.55	13.52	4301	30.58	20.12	34.65	-0.16	62.76
46.92	17.55	13.52	4308	30.58	20.12	34.9	-0.16	62.76
46.94	17.55	13.52	4303	30.97	20.12	34.77	-0.16	62.14
46.98	17.55	13.38	4298	30.58	20.12	34.16	-0.16	62.14
47	17.55	13.38	4293	30.18	20.12	33.92	-0.16	62.76
47.02	17.55	13.38	4307	30.18	20.12	34.27	-0.16	62.14
47.06	17.55	13.38	4300	30.18	20.12	34.03	-0.16	62.76
47.1	17.55	13.38	4298	30.18	20.12	34.03	-0.16	62.76
47.12	17.55	13.38	4309	30.58	20.12	34.77	-0.16	62.76
47.16	17.55	13.38	4296	30.18	20.12	33	-0.16	62.76
47.21	17.55	13.38	4306	30.18	20.12	35.02	-0.16	62.76
47.22	17.55	13.38	4304	30.58	20.12	35.02	-0.16	62.76
47.24	17.55	13.38	4293	30.58	20.12	34.41	-0.16	62.76
47.28	17.55	13.38	4307	30.18	20.12	33	-0.16	62.14
47.32	17.55	13.38	4296	29.79	20.12	34.16	-0.16	62.76
47.36	17.55	13.38	4299	30.18	20.12	34.52	-0.16	62.76
47.38	17.55	13.38	4309	30.58	20.12	34.52	-0.16	62.14
47.4	17.55	13.38	4299	30.58	20.12	34.52	-0.16	62.14

47.44	17.55	13.38	4299	30.58	20.12	34.27	-0.16	62.76
47.46	17.55	13.38	4310	30.18	20.12	33.92	-0.16	62.14
47.48	17.55	13.38	4301	30.18	20.12	34.52	-0.16	62.14
47.52	17.55	13.23	4298	30.58	20.12	34.77	-0.16	62.76
47.54	17.55	13.23	4308	30.58	20.12	34.52	-0.16	62.76
47.58	17.55	13.23	4302	30.18	20.12	33.69	-0.16	62.76
47.62	17.55	13.23	4311	29.79	20.12	33.35	-0.16	62.14
47.64	17.55	13.23	4299	30.18	20.12	34.27	-0.16	62.76
47.68	17.55	13.23	4303	30.58	20.12	35.02	-0.16	62.76
47.72	17.55	13.38	4312	30.58	20.12	34.77	-0.16	62.76
47.76	17.55	13.38	4306	30.18	20.12	33.92	-0.16	62.76
47.8	17.55	13.52	4310	30.97	20.12	35.28	-0.16	62.76
47.82	17.55	13.52	4310	30.97	20.12	34.65	-0.16	62.76
47.86	17.55	13.52	4312	30.58	20.12	34.03	-0.16	62.14
47.9	17.55	13.52	4308	30.58	20.12	35.02	-0.16	62.76
47.92	17.55	13.52	4297	30.58	20.12	34.52	-0.16	62.14
47.96	17.55	13.52	4300	30.58	20.12	34.17	-0.16	62.14
47.98	17.55	13.52	4299	30.18	20.12	34.03	-0.16	62.76
48.02	17.16	13.52	4298	30.18	20.12	34.52	-0.16	62.14
48.04	17.55	13.52	4302	30.18	20.12	33.69	-0.16	62.14
48.06	17.55	13.52	4304	30.18	20.12	33.92	-0.16	62.14
48.08	17.55	13.52	4292	30.18	20.12	34.4	-0.16	62.76
48.12	17.55	13.52	4295	30.18	20.12	34.27	-0.16	62.76
48.14	17.55	13.52	4308	30.18	20.12	34.27	-0.16	62.76
48.16	17.55	13.38	4306	30.18	20.12	33.92	-0.16	62.14
48.2	17.55	13.38	4310	30.18	20.12	34.4	-0.16	62.14
48.24	17.55	13.38	4300	30.58	20.12	34.4	-0.16	62.14
48.26	17.55	13.23	4296	30.58	20.12	34.65	-0.16	62.14
48.28	17.55	13.23	4299	30.58	20.12	34.4	-0.16	62.14
48.32	17.16	13.23	4307	30.58	20.12	34.27	-0.16	62.76
48.36	17.55	13.23	4297	30.18	20.12	34.03	-0.16	62.14
48.38	17.55	13.23	4310	30.18	20.12	33.35	-0.16	62.76
48.4	17.55	13.23	4310	29.79	20.12	33.8	-0.16	62.76
48.44	17.55	13.23	4306	30.18	20.12	34.52	-0.16	62.76
48.48	17.55	13.38	4295	30.58	20.12	34.9	-0.16	62.76
48.5	17.55	13.38	4308	30.58	20.12	33.8	-0.16	62.76
48.52	17.55	13.38	4296	30.18	20.12	34.16	-0.16	62.14
48.54	17.16	13.38	4291	29.79	20.12	33.23	-0.16	62.76
48.58	17.16	13.38	4304	30.18	20.12	34.65	-0.16	62.76
48.6	17.16	13.38	4294	30.58	20.12	34.65	-0.16	62.14
48.64	17.16	13.38	4309	30.58	20.12	34.77	-0.16	62.14
48.66	17.16	13.38	4309	30.18	20.12	32.66	-0.16	62.76
48.72	17.55	13.38	4299	29.79	20.12	33.46	-0.16	62.14
48.74	17.55	13.23	4303	29.01	20.12	32.2	-0.16	62.14
48.78	17.55	13.08	4303	29.01	20.12	32.66	-0.16	62.76
48.8	17.55	13.08	4309	29.01	20.12	32.31	-0.16	62.14
48.84	17.55	13.23	4308	28.62	20.12	32.43	-0.16	62.76

48.86	17.16	13.23	4308	29.01	20.12	33.69	-0.16	62.76
48.9	17.55	13.23	4308	29.79	20.12	34.03	-0.16	62.14
48.94	17.55	13.38	4296	30.18	20.12	33.92	-0.16	62.14
48.96	17.55	13.52	4305	30.18	20.12	34.52	-0.16	62.14
48.98	17.55	13.52	4293	30.58	20.12	34.16	-0.16	62.14
49.02	17.55	13.52	4308	30.18	20.12	34.65	-0.16	62.14
49.04	17.55	13.52	4309	30.58	20.12	34.52	-0.16	62.14
49.06	17.55	13.38	4300	30.58	20.12	34.4	-0.16	62.76
49.1	17.55	13.38	4301	30.18	20.12	34.03	-0.16	62.14
49.14	17.55	13.38	4299	30.58	20.12	34.65	-0.16	62.14
49.16	17.55	13.38	4306	30.58	20.12	35.02	-0.16	62.14
49.2	17.55	13.38	4296	30.58	20.12	34.4	-0.16	62.76
49.22	17.55	13.38	4299	30.58	20.12	34.4	-0.16	62.14
49.26	17.55	13.38	4301	30.58	20.12	34.4	-0.16	62.14
49.28	17.55	13.38	4302	30.58	20.12	35.02	-0.16	62.76
49.32	17.55	13.38	4299	30.58	20.12	34.27	-0.16	62.14
49.34	17.55	13.38	4302	30.58	20.12	34.52	-0.16	62.14
49.36	17.55	13.23	4310	30.58	20.12	34.03	-0.16	62.76
49.4	17.55	13.23	4297	30.58	20.12	34.52	-0.16	62.76
49.42	17.55	13.38	4306	30.58	20.12	34.52	-0.16	62.76
49.46	17.55	13.38	4294	30.58	20.12	34.52	-0.16	62.76
49.48	17.55	13.23	4292	30.58	20.12	34.65	-0.16	62.14
49.52	17.55	13.38	4302	30.58	20.12	34.77	-0.16	62.76
49.56	17.55	13.38	4296	30.58	20.12	34.16	-0.16	62.14
49.58	17.55	13.23	4308	30.18	20.12	34.77	-0.16	62.76
49.62	17.55	13.23	4308	30.18	20.12	32.89	-0.16	62.76
49.64	17.55	13.23	4300	29.79	20.12	33.8	-0.16	62.76
49.66	17.55	13.23	4309	29.79	20.12	34.52	-0.16	62.76
49.7	17.55	13.23	4312	30.18	20.12	33.57	-0.16	62.76
49.72	17.55	13.38	4298	29.79	20.12	34.15	-0.16	62.76
49.74	17.55	13.38	4298	30.18	20.12	34.27	-0.16	62.76
49.78	17.55	13.38	4311	30.18	20.12	34.03	-0.16	62.14
49.8	17.55	13.52	4311	30.18	20.12	34.16	-0.16	62.76
49.82	17.55	13.52	4309	30.18	20.12	33.92	-0.16	62.76
49.86	17.55	13.52	4307	30.18	20.12	34.03	-0.16	62.76
49.9	17.55	13.52	4294	30.18	20.12	34.27	-0.16	62.76
49.92	17.55	13.38	4293	30.18	20.12	34.65	-0.16	62.14
49.96	17.55	13.38	4304	30.18	20.12	34.03	-0.16	62.76
50	17.55	13.38	4308	30.58	20.12	34.17	-0.16	62.76
50.02	17.55	13.38	4302	30.18	20.12	34.16	-0.16	62.76
50.04	17.55	13.38	4297	30.18	20.12	34.65	-0.16	62.76
50.08	17.55	13.38	4295	30.58	20.12	34.52	-0.16	62.76
50.1	17.55	13.38	4291	30.18	20.12	33.8	-0.16	62.14
50.14	17.55	13.38	4294	30.18	20.12	33.8	-0.16	62.14
50.16	17.55	13.38	4305	30.58	20.12	34.9	-0.16	62.14
50.18	17.55	13.38	4296	30.58	20.12	34.16	-0.16	62.76
50.22	17.55	13.38	4309	30.58	20.12	34.27	-0.16	62.14

50.26	17.55	13.38	4307	30.18	20.12	33.8	-0.16	62.14
50.3	17.55	13.38	4296	30.18	20.12	34.52	-0.16	62.14
50.32	17.55	13.38	4303	30.58	20.12	34.27	-0.16	62.14
50.34	17.16	13.38	4301	30.18	20.12	33.8	-0.16	62.14
50.38	17.16	13.38	4303	30.18	20.12	34.52	-0.16	62.14
50.4	17.16	13.38	4292	30.58	20.12	34.4	-0.16	62.14
50.44	17.55	13.38	4307	30.58	20.12	34.4	-0.16	62.14
50.48	17.55	13.38	4293	30.18	20.12	33.57	-0.16	62.14
50.5	17.55	13.38	4307	29.4	20.12	32.2	-0.16	62.14
50.54	17.55	13.23	4298	29.01	20.12	33	-0.16	62.14
50.56	17.55	13.23	4298	29.4	20.12	33.8	-0.16	62.76
50.6	17.55	13.23	4311	29.79	20.12	34.03	-0.16	62.14
50.62	17.55	13.38	4293	29.79	20.12	34.16	-0.16	62.14
50.64	17.55	13.38	4296	30.18	20.12	34.04	-0.16	62.14
50.66	17.55	13.38	4297	29.79	20.12	33.57	-0.16	62.14
50.72	17.16	13.38	4301	29.79	20.12	33.35	-0.16	62.14
50.76	17.16	13.23	4310	30.18	20.12	34.52	-0.16	62.14
50.78	17.55	13.38	4305	30.58	20.12	34.9	-0.16	62.14
50.8	17.55	13.38	4299	30.58	20.12	33.57	-0.16	62.14
50.82	17.55	13.38	4299	30.18	20.12	34.03	-0.16	62.14
50.86	17.55	13.38	4297	30.18	20.12	34.4	-0.16	62.76
50.88	17.55	13.38	4297	30.18	20.12	34.16	-0.16	62.14
50.92	17.55	13.38	4291	30.18	20.12	33.23	-0.16	62.76
50.94	17.55	13.38	4305	29.79	20.12	33.69	-0.16	62.14
50.98	17.16	13.38	4293	30.18	20.12	34.04	-0.16	62.14
51	17.55	13.38	4303	30.18	20.12	33.69	-0.16	62.14
51.02	17.55	13.38	4298	30.18	20.12	34.03	-0.16	62.14
51.04	17.55	13.38	4298	30.18	20.12	34.03	-0.16	62.14
51.08	17.55	13.38	4306	30.18	20.12	34.04	-0.16	62.14
51.1	17.55	13.52	4298	29.79	20.12	33.8	-0.16	62.14
51.12	17.55	13.52	4299	30.18	20.12	34.03	-0.16	62.14
51.16	17.55	13.52	4299	30.18	20.12	34.4	-0.16	62.14
51.18	17.55	13.52	4301	30.18	20.12	33.8	-0.16	62.14
51.2	17.16	13.38	4299	29.79	20.12	33.8	-0.16	62.14
51.24	17.55	13.38	4295	30.18	20.12	34.52	-0.16	62.14
51.28	17.55	13.38	4303	30.18	20.12	34.27	-0.16	62.14
51.3	17.16	13.38	4308	30.18	20.12	34.16	-0.16	62.14
51.32	17.55	13.38	4308	30.18	20.12	34.65	-0.16	62.14
51.36	17.55	13.38	4305	30.18	20.12	33.69	-0.16	62.14
51.38	17.55	13.38	4300	30.58	20.12	35.02	-0.16	62.14
51.4	17.16	13.38	4286	30.58	20.12	33.57	-0.16	62.14
51.44	17.55	13.38	4286	30.18	20.12	33.57	-0.16	62.14
51.48	17.55	13.38	4304	29.79	20.12	33.92	-0.16	62.14
51.5	17.55	13.38	4295	30.18	20.12	34.77	-0.16	62.14
51.54	17.55	13.38	4295	30.18	20.12	34.27	-0.16	62.14
51.56	17.55	13.38	4305	30.18	20.12	34.27	-0.16	62.14
51.58	17.55	13.38	4301	30.18	20.12	33.8	-0.16	62.14

51.62	17.55	13.38	4294	29.79	20.12	33.69	-0.16	62.14
51.64	17.55	13.38	4293	30.18	20.12	33.92	-0.16	62.14
51.68	17.55	13.23	4308	30.18	20.12	33.93	-0.16	62.14
51.7	17.55	13.23	4316	29.79	20.12	33.8	-0.16	62.14
51.72	17.55	13.38	4310	30.18	20.12	34.77	-0.16	62.14
51.76	17.55	13.38	4302	30.58	20.12	34.4	-0.16	62.14
51.8	17.55	13.38	4290	30.18	20.12	34.03	-0.16	62.14
51.82	17.55	13.38	4295	30.18	20.12	33.92	-0.16	62.14
51.84	17.55	13.38	4302	30.18	20.12	34.27	-0.16	62.14
51.88	17.55	13.38	4289	30.18	20.12	34.04	-0.16	62.14
51.9	17.55	13.38	4299	30.18	20.12	34.4	-0.16	62.14
51.92	17.55	13.38	4288	30.58	20.12	34.9	-0.16	62.14
51.96	17.55	13.38	4302	30.58	20.12	34.77	-0.16	62.14
52	17.55	13.38	4303	30.58	20.12	34.65	-0.16	62.14
52.04	17.55	13.52	4300	30.58	20.12	34.52	-0.16	62.14
52.06	17.55	13.38	4292	30.58	20.12	34.77	-0.16	62.14
52.1	17.55	13.38	4290	30.58	20.12	34.77	-0.16	62.14
52.12	17.55	13.38	4301	30.58	20.12	34.27	-0.16	62.14
52.14	17.55	13.38	4300	30.58	20.12	34.77	-0.16	62.14
52.16	17.55	13.38	4291	30.58	20.12	34.52	-0.16	62.14
52.2	17.55	13.38	4295	30.18	20.12	34.03	-0.16	62.14
52.24	17.55	13.38	4292	29.79	20.12	33.35	-0.16	62.14
52.26	17.16	13.38	4299	29.4	20.12	32.08	-0.16	62.14
52.28	17.55	13.38	4303	29.4	20.12	34.16	-0.16	62.14
52.32	17.55	13.38	4303	29.79	20.12	33.35	-0.16	62.14
52.38	17.55	13.52	4302	29.79	20.12	33.12	-0.16	62.14
52.4	17.55	13.52	4299	29.79	20.12	33.8	-0.16	62.14
52.42	17.55	13.52	4292	29.79	20.12	33.8	-0.16	62.14
52.44	17.55	13.52	4304	30.18	20.12	34.03	-0.16	62.14
52.48	17.55	13.52	4293	30.18	20.12	34.52	-0.16	62.14
52.5	17.55	13.52	4295	30.18	20.12	34.03	-0.16	62.14
52.56	17.55	13.38	4292	30.18	20.12	34.16	-0.16	62.14
52.58	17.55	13.38	4290	30.18	20.12	33.57	-0.16	62.14
52.62	17.55	13.38	4291	30.18	20.12	34.03	-0.16	62.14
52.64	17.55	13.38	4303	30.18	20.12	34.27	-0.16	62.14
52.68	17.55	13.38	4304	30.18	20.12	33.69	-0.16	62.14
52.73	17.55	13.38	4299	29.79	20.12	33.46	-0.16	62.14
52.74	17.16	13.38	4300	29.79	20.12	33.8	-0.16	62.14
52.78	17.55	13.38	4299	29.79	20.12	33.92	-0.16	62.14
52.8	17.55	13.38	4289	29.79	20.12	34.28	-0.16	62.14
52.82	17.55	13.38	4300	30.18	20.12	34.77	-0.16	62.14
52.84	17.55	13.52	4288	30.58	20.12	34.52	-0.16	62.14
52.88	17.55	13.52	4304	30.58	20.12	33.8	-0.16	62.14
52.9	17.55	13.52	4301	30.18	20.12	34.27	-0.16	62.14
52.96	17.55	13.52	4296	30.18	20.12	34.03	-0.16	62.14
52.98	17.55	13.38	4293	30.18	20.12	34.27	-0.16	62.14
53.02	17.55	13.38	4292	30.58	20.12	34.52	-0.16	62.14

53.04	17.55	13.38	4293	30.58	20.12	34.52	-0.16	62.14
53.08	17.55	13.38	4301	30.58	20.12	34.27	-0.16	62.14
53.1	17.16	13.38	4289	30.18	20.12	33.57	-0.16	62.14
53.14	17.16	13.38	4293	29.4	20.12	32.54	-0.16	62.14
53.18	17.55	13.38	4303	29.79	20.12	34.03	-0.16	62.14
53.2	17.16	13.38	4300	30.18	20.12	34.03	-0.16	62.14
53.24	17.55	13.38	4301	30.18	20.12	34.4	-0.16	62.14
53.26	17.55	13.52	4290	30.18	20.12	34.03	-0.16	62.14
53.28	17.55	13.52	4301	30.18	20.12	33.46	-0.16	62.14
53.32	17.55	13.52	4303	30.18	20.12	33.8	-0.16	62.14
53.34	17.16	13.38	4303	29.79	20.12	33.46	-0.16	62.14
53.38	17.55	13.38	4302	29.79	20.12	33.92	-0.16	62.14
53.4	17.55	13.38	4294	29.79	20.12	33.8	-0.16	62.14
53.42	17.55	13.38	4289	29.79	20.12	33.69	-0.16	62.14
53.46	17.55	13.38	4298	29.79	20.12	34.03	-0.16	62.14
53.48	17.16	13.52	4303	29.79	20.12	33.8	-0.16	62.14
53.5	17.55	13.38	4302	29.79	20.12	33.92	-0.16	62.14
53.54	17.55	13.52	4303	30.18	20.12	33.69	-0.16	62.14
53.56	17.16	13.52	4301	29.79	20.12	34.03	-0.16	62.14
53.58	17.55	13.52	4300	30.18	20.12	33.92	-0.16	62.14
53.62	17.55	13.52	4286	30.18	20.12	34.16	-0.16	62.14
53.64	17.55	13.52	4286	30.18	20.12	34.77	-0.16	62.14
53.66	17.55	13.52	4289	30.18	20.12	34.52	-0.16	62.14
53.7	17.55	13.52	4291	30.58	20.12	34.27	-0.16	62.14
53.74	17.55	13.38	4293	30.18	20.12	34.03	-0.16	62.14
53.78	17.55	13.38	4305	30.58	20.12	34.4	-0.16	62.14
53.8	17.55	13.38	4298	30.18	20.12	33.92	-0.16	62.14
53.84	17.55	13.23	4298	30.18	20.12	33.8	-0.16	62.14
53.86	17.55	13.38	4288	30.18	20.12	34.27	-0.16	62.14
53.9	17.55	13.38	4303	30.18	20.12	34.03	-0.16	62.14
53.94	17.55	13.38	4292	30.18	20.12	34.16	-0.16	62.14
53.96	17.55	13.38	4294	30.18	20.12	34.16	-0.16	62.14
53.98	17.55	13.38	4294	30.18	20.12	33.8	-0.16	62.14
54.02	17.55	13.38	4287	30.18	20.12	33.8	-0.16	62.14
54.07	17.55	13.38	4297	29.79	20.12	33.35	-0.16	62.14
54.08	17.55	13.38	4297	30.18	20.12	34.52	-0.16	62.14
54.12	17.55	13.38	4299	30.58	20.12	34.52	-0.16	62.14
54.14	17.55	13.38	4301	30.58	20.12	34.27	-0.16	62.14
54.18	17.55	13.38	4288	30.18	20.12	34.03	-0.16	62.14
54.2	17.55	13.38	4286	30.18	20.12	34.27	-0.16	62.14
54.22	17.55	13.38	4299	30.58	20.12	34.4	-0.16	62.14
54.24	17.55	13.38	4301	30.18	20.12	34.03	-0.16	62.14
54.28	17.55	13.38	4291	30.18	20.12	34.27	-0.16	62.14
54.3	17.55	13.38	4288	30.18	20.12	34.27	-0.16	62.14
54.34	17.55	13.38	4287	30.18	20.12	34.03	-0.16	62.14
54.36	17.55	13.38	4294	30.18	20.12	33.69	-0.16	62.14
54.4	17.55	13.38	4289	30.18	20.12	34.52	-0.16	62.14

54.45	17.55	13.38	4304	30.18	20.12	33.8	-0.16	62.14
54.46	17.55	13.38	4300	30.18	20.12	34.15	-0.16	62.14
54.48	17.55	13.38	4298	30.18	20.12	33.8	-0.16	62.14
54.54	17.55	13.38	4295	30.18	20.12	33.92	-0.16	62.14
54.56	17.55	13.38	4306	29.79	20.12	33.46	-0.16	62.14
54.6	17.55	13.38	4309	29.79	20.12	33.69	-0.16	62.14
54.62	17.55	13.38	4294	29.79	20.12	34.03	-0.16	62.14
54.66	17.55	13.38	4293	30.18	20.12	34.27	-0.16	62.14
54.7	17.55	13.52	4302	30.58	20.12	34.03	-0.16	62.14
54.74	17.55	13.52	4300	30.58	20.12	35.15	-0.16	62.14
54.76	17.55	13.52	4281	30.97	20.12	35.15	-0.16	62.14
54.8	17.55	13.67	4287	31.36	20.12	35.53	-0.16	62.14
54.82	17.55	13.67	4289	31.36	20.12	35.4	-0.16	62.14
54.88	17.94	13.67	4291	31.36	20.12	35.02	-0.16	62.14
54.9	18.33	13.52	4297	31.36	20.12	35.15	-0.16	62.14
54.92	18.33	13.52	4300	31.36	20.12	35.28	-0.16	62.14
54.94	18.33	13.52	4297	31.36	20.12	35.4	-0.16	62.14
55	18.33	13.38	4290	31.36	20.12	35.78	-0.16	62.14
55.04	17.94	13.38	4305	31.36	20.12	34.9	-0.16	62.14
55.06	17.94	13.38	4285	30.97	20.12	35.28	-0.16	62.14
55.08	17.94	13.38	4300	31.36	20.12	36.15	-0.16	62.14
55.12	17.94	13.38	4297	32.14	20.12	36.78	-0.16	62.14
55.16	17.94	13.52	4303	32.14	20.12	36.53	-0.16	62.14
55.18	17.94	13.67	4296	32.54	20.12	36.91	-0.16	62.14
55.2	18.33	13.52	4298	32.54	20.12	36.91	-0.16	62.14
55.24	18.33	13.52	4296	32.54	20.12	37.03	-0.16	62.14
55.26	18.33	13.38	4292	32.54	20.12	36.41	-0.16	62.14
55.3	18.33	13.38	4292	32.14	20.12	35.28	-0.16	62.14
55.34	18.33	13.23	4296	31.75	20.12	35.78	-0.16	62.14
55.36	18.33	13.23	4305	32.14	20.12	36.41	-0.16	62.14
55.4	18.72	13.23	4311	32.14	20.12	36.78	-0.16	62.14
55.44	19.5	13.52	4303	32.14	20.12	36.15	-0.16	62.76
55.48	19.11	13.52	4315	32.54	20.12	38.05	-0.16	62.76
55.5	19.5	13.52	4297	33.71	20.12	39.24	-0.16	62.14
55.52	19.11	13.52	4310	34.5	20.12	40.19	-0.16	62.76
55.56	18.72	13.52	4305	34.89	20.12	39.38	-0.16	62.14
55.58	18.72	13.67	4302	34.89	20.12	39.92	-0.16	62.14
55.6	18.72	13.67	4306	35.28	20.12	40.59	-0.16	62.14
55.64	18.72	13.67	4309	35.67	20.12	40.73	-0.16	62.76
55.66	18.72	13.52	4307	35.67	20.12	40.05	-0.16	62.76
55.68	18.72	13.52	4303	35.67	20.12	40.59	-0.16	62.76
55.72	19.11	13.38	4308	35.67	20.12	40.73	-0.16	62.76
55.74	19.11	13.23	4312	35.67	20.12	40.59	-0.16	62.76
55.76	18.72	13.23	4312	35.28	20.12	39.51	-0.16	62.76
55.8	19.11	13.08	4301	35.28	20.12	40.05	-0.16	62.76
55.82	19.11	13.08	4313	34.5	20.12	38.3	-0.16	62.76
55.84	18.72	13.08	4301	34.5	20.12	39.65	-0.16	62.76

55.88	18.72	13.08	4303	34.89	20.12	39.78	-0.16	62.76
55.9	18.72	13.08	4301	34.89	20.12	39.65	-0.16	62.76
55.94	18.72	13.08	4300	34.89	20.12	39.38	-0.16	62.76
55.98	18.72	13.23	4303	34.89	20.12	40.05	-0.16	62.76
56.01	18.72	13.23	4310	34.89	20.12	40.05	-0.16	62.76
56.04	18.72	13.23	4298	35.28	20.12	39.78	-0.16	62.76
56.06	18.72	13.23	4301	35.28	20.12	39.51	-0.16	62.76
56.1	18.72	13.23	4313	34.89	20.12	39.65	-0.16	62.76
56.12	18.72	13.23	4318	34.89	20.12	39.92	-0.16	62.76
56.14	18.72	13.23	4318	34.89	20.12	39.92	-0.16	62.76
56.18	18.72	13.08	4312	35.28	20.12	39.65	-0.16	62.76
56.2	18.72	13.08	4323	34.89	20.12	38.97	-0.16	62.76
56.22	18.72	13.08	4314	34.5	20.12	39.65	-0.16	62.76
56.28	18.72	13.08	4314	34.89	20.12	39.51	-0.16	62.76
56.3	18.72	13.08	4314	34.89	20.12	39.92	-0.16	62.76
56.32	18.72	13.23	4312	35.28	20.12	39.92	-0.16	62.76
56.36	18.72	13.23	4315	34.89	20.12	39.24	-0.16	62.76
56.38	18.72	13.23	4325	34.5	20.12	38.84	-0.16	62.76
56.42	18.72	13.23	4328	34.5	20.12	39.11	-0.16	62.76
56.46	18.33	13.23	4322	34.5	20.12	38.97	-0.16	62.76
56.48	18.72	13.23	4315	34.5	20.12	38.3	-0.16	62.76
56.5	18.72	13.23	4327	34.1	20.12	38.3	-0.16	62.76
56.54	18.72	13.23	4317	33.71	20.12	37.79	-0.16	62.76
56.56	18.72	13.23	4333	33.32	20.12	38.17	-0.16	62.76
56.6	18.72	13.23	4316	33.71	20.12	38.3	-0.16	62.76
56.62	18.72	13.23	4324	33.71	20.12	37.79	-0.16	62.76
56.66	18.72	13.23	4328	33.32	20.12	38.17	-0.16	62.76
56.68	18.72	13.23	4326	33.32	20.12	38.3	-0.16	62.76
56.7	18.72	13.23	4321	33.71	20.12	38.7	-0.16	62.76
56.74	18.72	13.23	4330	34.1	20.12	39.11	-0.16	62.76
56.76	18.72	13.38	4332	34.1	20.12	39.11	-0.16	62.76
56.8	18.72	13.38	4331	34.1	20.12	39.11	-0.16	62.76
56.82	18.72	13.38	4331	34.5	20.12	39.24	-0.16	62.76
56.87	18.72	13.38	4326	34.5	20.12	39.24	-0.16	62.76
56.88	18.72	13.38	4326	34.1	20.12	38.3	-0.16	62.76
56.9	18.72	13.38	4323	34.5	20.12	39.65	-0.16	62.76
56.94	18.72	13.38	4322	34.1	20.12	38.3	-0.16	62.76
56.96	18.72	13.38	4332	33.71	20.12	38.84	-0.16	62.76
56.98	18.72	13.38	4322	34.1	20.12	38.84	-0.16	62.76
57.02	18.72	13.38	4336	34.1	20.12	39.11	-0.16	62.76
57.06	18.72	13.38	4322	34.1	20.12	38.84	-0.16	62.76
57.08	18.72	13.38	4327	34.1	20.12	38.97	-0.16	62.76
57.12	18.72	13.52	4331	34.1	20.12	38.43	-0.16	62.76
57.14	18.72	13.52	4326	34.1	20.12	39.11	-0.16	62.76
57.18	18.72	13.52	4321	34.1	20.12	38.84	-0.16	62.76
57.2	18.72	13.52	4322	34.1	20.12	38.7	-0.16	62.76
57.22	18.72	13.52	4325	34.1	20.12	39.11	-0.16	62.76

57.26	18.33	13.52	4325	34.5	20.12	39.78	-0.16	62.76
57.3	18.33	13.52	4329	34.89	20.12	39.11	-0.16	62.76
57.34	18.72	13.52	4336	34.5	20.12	38.84	-0.16	62.76
57.36	18.72	13.38	4336	34.1	20.12	38.17	-0.16	62.76
57.4	18.72	13.38	4329	33.71	20.12	37.91	-0.16	62.76
57.44	18.72	13.38	4342	33.32	20.12	38.17	-0.16	62.76
57.46	18.72	13.38	4340	33.71	20.12	39.11	-0.16	62.76
57.5	18.72	13.38	4335	33.71	20.12	37.66	-0.16	62.76
57.54	18.72	13.38	4342	32.93	20.12	37.66	-0.16	62.76
57.56	18.72	13.38	4329	33.32	20.12	38.84	-0.16	62.76
57.58	18.72	13.38	4339	33.71	20.12	38.84	-0.16	62.76
57.62	18.72	13.38	4339	33.71	20.12	37.28	-0.16	62.76
57.64	18.72	13.38	4338	33.32	20.12	37.28	-0.16	62.76
57.66	18.72	13.38	4343	32.93	20.12	37.53	-0.16	62.76
57.7	18.72	13.38	4346	33.32	20.12	38.04	-0.16	62.76
57.72	18.72	13.38	4336	33.71	20.12	38.84	-0.16	62.76
57.74	18.72	13.38	4332	33.71	20.12	38.43	-0.16	62.76
57.78	18.72	13.38	4343	33.71	20.12	38.7	-0.16	62.76
57.83	18.33	13.38	4345	34.1	20.12	39.38	-0.16	62.76
57.86	18.33	13.38	4333	34.1	20.12	38.7	-0.16	62.76
57.88	18.33	13.38	4333	33.71	20.12	38.3	-0.16	62.76
57.9	18.33	13.38	4332	34.1	20.12	39.11	-0.16	62.76
57.92	18.33	13.38	4335	34.1	20.12	39.11	-0.16	62.76
57.94	18.72	13.38	4336	34.5	20.12	39.65	-0.16	62.76
57.98	18.72	13.52	4337	34.89	20.12	39.92	-0.16	62.76
58.02	18.33	13.52	4335	34.89	20.12	39.38	-0.16	62.76
58.04	18.72	13.52	4345	34.5	20.12	39.65	-0.16	62.76
58.08	18.72	13.38	4335	34.5	20.12	39.51	-0.16	62.76
58.12	18.33	13.38	4335	34.5	20.12	38.97	-0.16	62.76
58.14	18.33	13.23	4336	34.1	20.12	39.24	-0.16	63.38
58.18	18.33	13.38	4343	34.5	20.12	39.92	-0.16	62.76
58.2	18.33	13.38	4343	34.89	20.12	39.65	-0.16	63.38
58.24	18.33	13.38	4354	34.5	20.12	39.65	-0.16	63.38
58.28	18.33	13.38	4343	34.1	20.12	37.28	-0.16	63.38
58.3	18.72	13.38	4351	33.32	20.12	38.97	-0.16	63.38
58.34	18.72	13.23	4333	34.1	20.12	39.11	-0.16	63.38
58.38	18.72	13.38	4332	34.1	20.12	38.84	-0.16	62.76
58.4	18.72	13.52	4361	34.1	20.12	39.11	-0.16	63.38
58.42	18.72	13.52	4362	34.1	20.12	39.65	-0.16	63.38
58.46	18.72	13.52	4346	34.5	20.12	39.92	-0.16	63.38
58.48	18.72	13.52	4346	34.5	20.12	39.38	-0.16	63.38
58.5	18.72	13.52	4339	34.5	20.12	40.05	-0.16	63.38
58.54	18.72	13.52	4363	34.89	20.12	40.32	-0.16	63.38
58.56	18.72	13.38	4353	34.89	20.12	39.51	-0.16	63.38
58.6	18.33	13.38	4345	34.89	20.12	40.46	-0.16	63.38
58.64	18.33	13.23	4342	35.28	20.12	40.73	-0.16	63.38
58.66	18.33	13.23	4344	35.67	20.12	40.05	-0.16	63.38

58.7	18.33	13.23	4345	34.1	20.12	39.65	-0.16	63.38
58.72	18.33	13.23	4342	34.5	20.12	39.65	-0.16	63.38
58.76	18.72	13.23	4346	34.5	20.12	39.51	-0.16	63.38
58.78	18.72	13.38	4347	34.89	20.12	40.19	-0.16	63.38
58.82	18.72	13.52	4345	35.28	20.12	40.32	-0.16	63.38
58.84	18.72	13.52	4353	34.89	20.12	39.51	-0.16	63.38
58.86	18.72	13.52	4347	34.5	20.12	39.24	-0.16	63.38
58.9	18.33	13.38	4351	34.5	20.12	39.51	-0.16	63.38
58.94	18.33	13.23	4356	34.5	20.12	39.24	-0.16	63.38
58.98	18.33	13.23	4353	34.89	20.12	39.65	-0.16	63.38
59	18.33	13.23	4344	34.89	20.12	39.78	-0.16	63.38
59.04	18.72	13.38	4355	34.89	20.12	40.19	-0.16	63.38
59.06	18.72	13.38	4344	34.89	20.12	39.78	-0.16	63.38
59.12	18.33	13.23	4345	34.5	20.12	39.24	-0.16	63.38
59.14	18.72	13.23	4356	34.5	20.12	39.24	-0.16	63.38
59.16	18.72	13.23	4352	34.5	20.12	39.92	-0.16	63.38
59.2	18.72	13.23	4347	34.5	20.12	39.92	-0.16	63.38
59.24	18.33	13.23	4346	34.89	20.12	39.65	-0.16	63.38
59.26	18.33	13.38	4344	34.89	20.12	40.32	-0.16	63.38
59.28	18.33	13.38	4357	34.89	20.12	40.19	-0.16	63.38
59.34	18.72	13.38	4357	34.89	20.12	40.19	-0.16	63.38
59.36	18.33	13.23	4344	34.89	20.12	39.38	-0.16	63.38
59.4	18.72	13.23	4345	34.5	20.12	39.78	-0.16	63.38
59.42	18.72	13.23	4355	34.89	20.12	39.92	-0.16	63.38
59.44	18.33	13.23	4356	34.89	20.12	40.32	-0.16	63.38
59.48	18.33	13.23	4352	35.28	20.12	40.32	-0.16	63.38
59.5	18.72	13.23	4352	34.89	20.12	39.11	-0.16	63.38
59.52	18.72	13.23	4354	34.5	20.12	39.38	-0.16	63.38
59.56	18.72	13.23	4349	34.5	20.12	39.78	-0.16	63.38
59.6	18.33	13.23	4360	34.89	20.12	39.92	-0.16	63.38
59.62	18.33	13.23	4354	34.89	20.12	40.32	-0.16	63.38
59.64	18.33	13.23	4364	35.28	20.12	40.46	-0.16	63.38
59.68	18.33	13.23	4348	35.28	20.12	39.78	-0.16	63.38
59.72	18.33	13.23	4338	34.89	20.12	39.65	-0.16	63.38
59.74	18.33	13.23	4349	34.5	20.12	39.11	-0.16	63.38
59.76	18.33	13.23	4355	34.89	20.12	40.19	-0.16	63.38
59.8	18.33	13.23	4360	34.89	20.12	38.97	-0.16	63.38
59.84	18.33	13.23	4365	33.71	20.12	38.7	-0.16	63.38
59.88	18.33	13.23	4356	33.71	20.12	38.97	-0.16	63.38
59.9	18.72	13.23	4360	34.1	20.12	39.11	-0.16	63.38
59.92	18.72	13.23	4354	34.1	20.12	38.7	-0.16	63.38
59.96	18.33	13.38	4352	33.71	20.12	38.17	-0.16	63.38
59.98	18.33	13.38	4359	33.71	20.12	38.31	-0.16	63.38
60.02	18.33	13.38	4359	34.1	20.12	39.65	-0.16	63.38
60.04	18.33	13.38	4360	34.5	20.12	39.92	-0.16	63.38
60.08	18.33	13.38	4360	34.5	20.12	38.97	-0.16	63.38
60.1	18.33	13.52	4352	34.5	20.12	39.65	-0.16	63.38

60.14	18.33	13.52	4352	34.89	20.12	39.78	-0.16	63.38
60.16	18.33	13.38	4347	34.89	20.12	39.92	-0.16	63.38
60.2	18.33	13.38	4359	34.5	20.12	39.24	-0.16	63.38
60.24	18.33	13.38	4354	34.1	20.12	38.84	-0.16	63.38
60.26	18.33	13.23	4358	34.1	20.12	38.7	-0.16	63.38
60.28	18.33	13.23	4353	33.71	20.12	38.57	-0.16	63.38
60.32	18.33	13.23	4352	33.71	20.12	38.31	-0.16	63.38
60.34	18.33	13.23	4347	33.71	20.12	38.43	-0.16	63.38
60.36	18.33	13.23	4347	33.32	20.12	37.91	-0.16	63.38
60.4	18.33	13.38	4344	33.32	20.12	38.7	-0.16	63.38
60.42	18.33	13.38	4349	33.71	20.12	38.97	-0.16	63.38
60.44	18.33	13.52	4366	33.71	20.12	39.11	-0.16	63.38
60.48	18.33	13.52	4353	34.1	20.12	38.7	-0.16	63.38
60.52	18.33	13.52	4366	33.71	20.12	38.57	-0.16	63.38
60.54	18.33	13.67	4360	33.71	20.12	39.11	-0.16	63.38
60.56	18.33	13.52	4360	33.32	20.12	38.44	-0.16	63.38
60.6	18.33	13.52	4363	33.71	20.12	37.79	-0.16	63.38
60.62	18.33	13.67	4362	33.71	20.12	39.24	-0.16	63.38
60.64	18.33	13.67	4351	34.1	20.12	38.97	-0.16	63.38
60.68	18.33	13.67	4353	33.71	20.12	38.7	-0.16	63.38
60.7	18.33	13.67	4353	34.5	20.12	39.65	-0.16	63.38
60.72	18.33	13.82	4353	34.5	20.12	39.65	-0.16	63.38
60.76	18.33	13.82	4351	34.5	20.12	39.92	-0.16	63.38
60.78	18.33	13.67	4355	34.5	20.12	39.11	-0.16	63.38
60.8	18.33	13.67	4357	34.1	20.12	39.11	-0.16	63.38
60.86	18.33	13.52	4355	34.1	20.12	39.38	-0.16	63.38
60.88	18.33	13.38	4352	34.1	20.12	39.24	-0.16	63.38
60.9	18.33	13.38	4355	34.5	20.12	38.97	-0.16	63.38
60.94	18.33	13.38	4354	34.5	20.12	38.84	-0.16	63.38
60.96	18.33	13.38	4362	34.1	20.12	38.84	-0.16	63.38
60.98	18.33	13.38	4352	34.1	20.12	38.84	-0.16	63.38
61	18.33	13.38	4355	34.1	20.12	38.97	-0.16	63.38
61.04	18.33	13.38	4360	34.1	20.12	39.38	-0.16	63.38
61.06	18.33	13.38	4348	34.1	20.12	39.11	-0.16	63.38
61.1	18.33	13.38	4363	34.1	20.12	37.79	-0.16	63.38
61.12	18.33	13.38	4349	33.71	20.12	39.51	-0.16	63.38
61.14	18.33	13.38	4365	34.1	20.12	38.97	-0.16	63.38
61.18	18.33	13.52	4365	33.71	20.12	38.84	-0.16	63.38
61.2	18.33	13.52	4354	33.71	20.12	38.57	-0.16	63.38
61.24	18.33	13.52	4354	33.71	20.12	38.84	-0.16	63.38
61.26	18.33	13.67	4351	34.1	20.12	39.24	-0.16	63.38
61.3	18.33	13.67	4357	34.1	20.12	39.11	-0.16	63.38
61.34	18.33	13.67	4351	34.1	20.12	39.11	-0.16	63.38
61.36	18.33	13.67	4360	33.71	20.12	38.43	-0.16	63.38
61.38	18.33	13.52	4369	33.71	20.12	38.3	-0.16	63.38
61.42	18.33	13.52	4365	33.71	20.12	38.84	-0.16	63.38
61.46	18.33	13.52	4368	33.32	20.12	38.3	-0.16	63.38

61.48	18.33	13.52	4365	33.32	20.12	38.3	-0.16	63.38
61.5	18.33	13.52	4356	33.71	20.12	39.11	-0.16	63.38
61.54	18.33	13.52	4362	33.71	20.12	38.3	-0.16	63.38
61.56	18.33	13.52	4359	34.1	20.12	39.65	-0.16	63.38
61.58	18.33	13.52	4363	34.1	20.12	39.51	-0.16	63.38
61.63	18.33	13.67	4367	34.5	20.12	39.92	-0.16	63.38
61.64	18.33	13.67	4358	34.5	20.12	39.11	-0.16	63.38
61.66	18.33	13.52	4365	34.5	20.12	40.05	-0.16	63.38
61.7	18.33	13.52	4360	34.89	20.12	39.65	-0.16	63.38
61.74	17.94	13.38	4362	34.5	20.12	38.97	-0.16	63.38
61.76	18.33	13.38	4360	34.5	20.12	39.38	-0.16	63.38
61.8	18.33	13.23	4365	34.1	20.12	38.3	-0.16	63.38
61.82	18.33	13.38	4372	33.71	20.12	38.7	-0.16	63.38
61.86	18.33	13.38	4348	33.71	20.12	38.17	-0.16	63.38
61.91	18.33	13.38	4352	33.71	20.12	38.43	-0.16	63.38
61.92	18.33	13.38	4365	33.32	20.12	38.7	-0.16	63.38
61.96	18.33	13.38	4368	33.71	20.12	38.57	-0.16	63.38
61.98	17.94	13.38	4353	33.71	20.12	38.57	-0.16	63.38
62	17.94	13.38	4363	33.71	20.12	38.84	-0.16	63.38
62.02	18.33	13.52	4357	34.1	20.12	39.38	-0.16	63.38
62.06	18.33	13.52	4362	34.1	20.12	38.84	-0.16	63.38
62.08	18.33	13.52	4356	34.1	20.12	39.38	-0.16	63.38
62.12	18.33	13.52	4358	34.1	20.12	39.24	-0.16	63.38
62.14	18.33	13.52	4357	34.1	20.12	39.11	-0.16	63.38
62.18	18.33	13.38	4352	34.1	20.12	38.7	-0.16	63.38
62.2	18.33	13.38	4351	34.1	20.12	38.84	-0.16	63.38
62.22	18.33	13.38	4365	33.71	20.12	38.43	-0.16	63.38
62.26	18.33	13.38	4356	33.71	20.12	38.84	-0.16	63.38
62.3	18.33	13.38	4348	33.32	20.12	38.31	-0.16	63.38
62.33	17.94	13.38	4346	33.71	20.12	38.04	-0.16	63.38
62.37	18.33	13.38	4345	33.32	20.12	38.17	-0.16	63.38
62.39	18.33	13.38	4358	32.93	20.12	36.66	-0.16	63.38
62.44	18.33	13.38	4354	32.14	20.12	36.28	-0.16	63.38
62.45	18.33	13.38	4353	32.14	20.12	36.78	-0.16	63.38
62.47	18.33	13.38	4352	31.75	20.12	36.28	-0.16	63.38
62.51	18.33	13.38	4352	31.75	20.12	36.91	-0.16	63.38
62.56	18.33	13.38	4370	32.14	20.12	36.66	-0.16	63.38
62.57	18.33	13.38	4369	32.14	20.12	37.03	-0.16	63.38
62.59	18.33	13.38	4349	32.54	20.12	37.79	-0.16	63.38
62.63	18.33	13.38	4364	32.54	20.12	37.79	-0.16	63.38
62.65	18.33	13.38	4370	32.93	20.12	38.57	-0.16	63.38
62.67	18.33	13.38	4364	32.93	20.12	37.66	-0.16	63.38
62.71	18.33	13.38	4374	32.93	20.12	37.66	-0.16	63.38
62.73	18.33	13.38	4366	32.93	20.12	37.53	-0.16	63.38
62.75	18.33	13.38	4367	32.93	20.12	37.53	-0.16	63.38
62.79	18.33	13.38	4369	32.54	20.12	37.53	-0.16	63.38
62.83	18.33	13.38	4369	32.93	20.12	37.28	-0.16	63.38

62.87	18.33	13.38	4358	32.54	20.12	37.41	-0.16	63.38
62.89	18.33	13.23	4360	32.54	20.12	37.28	-0.16	63.38
62.91	18.33	13.23	4370	32.54	20.12	37.28	-0.16	63.38
62.95	18.33	13.23	4368	32.54	20.12	36.91	-0.16	63.38
62.97	18.33	13.23	4365	32.14	20.12	36.91	-0.16	63.38
62.99	18.33	13.23	4367	32.14	20.12	37.16	-0.16	63.38
63.03	18.33	13.23	4359	32.14	20.12	37.03	-0.16	63.38
63.07	18.33	13.23	4361	32.14	20.12	37.03	-0.16	63.38
63.09	18.33	13.23	4365	32.54	20.12	37.28	-0.16	63.38
63.11	18.33	13.23	4366	32.54	20.12	36.91	-0.16	63.38
63.15	18.33	13.23	4367	32.14	20.12	36.28	-0.16	63.38
63.17	18.33	13.23	4370	31.75	20.12	36.53	-0.16	63.38
63.19	18.33	13.23	4363	32.14	20.12	37.16	-0.16	63.38
63.23	18.33	13.23	4370	32.14	20.12	36.91	-0.16	63.38
63.27	18.33	13.38	4372	32.54	20.12	37.41	-0.16	63.38
63.29	18.33	13.38	4364	32.54	20.12	37.16	-0.16	63.38
63.31	18.33	13.38	4372	32.14	20.12	36.53	-0.16	63.38
63.35	18.33	13.38	4373	32.54	20.12	37.79	-0.16	63.38
63.37	18.33	13.23	4375	32.54	20.12	37.53	-0.16	63.38
63.39	18.33	13.23	4362	32.54	20.12	37.28	-0.16	63.38
63.43	18.33	13.38	4362	32.54	20.12	37.03	-0.16	63.38
63.45	18.33	13.38	4370	32.54	20.12	37.66	-0.16	63.38
63.47	18.33	13.23	4359	32.54	20.12	37.16	-0.16	63.38
63.51	18.33	13.23	4361	32.14	20.12	36.15	-0.16	63.38
63.53	18.33	13.23	4374	32.14	20.12	36.78	-0.16	63.38
63.57	18.33	13.23	4366	32.54	20.12	38.05	-0.16	63.38
63.59	17.94	13.23	4364	32.54	20.12	37.28	-0.16	63.38
63.63	17.94	13.38	4373	32.54	20.12	36.66	-0.16	63.38
63.65	18.33	13.38	4361	32.14	20.12	36.15	-0.16	63.38
63.69	18.33	13.23	4372	31.75	20.12	36.41	-0.16	63.38
63.71	18.33	13.23	4374	31.75	20.12	36.41	-0.16	63.38
63.73	18.33	13.38	4373	31.75	20.12	36.41	-0.16	63.38
63.77	18.33	13.38	4378	31.75	20.12	36.91	-0.16	63.38
63.79	18.33	13.38	4377	32.14	20.12	37.16	-0.16	63.38
63.83	18.33	13.52	4371	32.14	20.12	36.78	-0.16	63.38
63.87	18.33	13.52	4373	32.14	20.12	37.53	-0.16	63.38
63.89	18.33	13.52	4372	32.54	20.12	36.66	-0.16	63.38
63.93	18.33	13.52	4363	32.54	20.12	37.66	-0.16	63.38
63.97	17.55	13.52	4355	32.54	20.12	37.41	-0.16	63.38
64.01	17.94	13.38	4372	32.54	20.12	37.28	-0.16	63.38
64.03	18.72	13.38	4376	32.54	20.12	37.03	-0.16	63.38
64.05	18.33	13.23	4376	32.54	20.12	37.41	-0.16	63.38
64.09	17.55	13.38	4379	32.54	20.12	37.28	-0.16	63.38
64.11	17.94	13.38	4371	32.54	20.12	37.28	-0.16	63.38
64.13	18.72	13.38	4369	32.14	20.12	36.78	-0.16	63.38
64.17	18.72	13.38	4365	32.14	20.12	37.28	-0.16	63.38
64.19	17.55	13.38	4350	32.14	20.12	36.53	-0.16	63.38

64.25	17.55	13.23	4377	32.14	20.12	37.66	-0.16	63.38
64.29	18.33	13.23	4391	32.54	20.12	37.53	-0.16	63.38
64.33	17.94	13.23	4356	32.93	20.12	37.53	-0.16	63.38
64.35	17.94	13.23	4349	32.54	20.12	37.03	-0.16	63.38
64.37	17.94	13.23	4355	32.54	20.12	37.41	-0.16	63.38
64.41	17.94	13.08	4362	32.54	20.12	36.53	-0.16	63.38
64.45	17.94	13.08	4366	32.14	20.12	36.28	-0.16	63.38
64.48	17.55	13.08	4372	31.75	20.12	35.78	-0.16	63.38
64.49	18.33	13.08	4371	31.36	20.12	36.15	-0.16	63.38
64.53	18.72	13.08	4374	30.97	20.12	35.4	-0.16	63.38
64.57	18.33	13.08	4376	30.97	20.12	35.28	-0.16	63.38
64.59	18.33	13.23	4365	31.36	20.12	36.15	-0.16	63.38
64.63	18.33	13.38	4379	31.36	20.12	36.66	-0.16	63.38
64.65	18.33	13.38	4384	32.14	20.12	38.05	-0.16	63.38
64.67	17.94	13.52	4386	32.93	20.12	38.3	-0.16	63.38
64.71	18.33	13.67	4379	32.93	20.12	38.7	-0.16	63.38
64.73	18.72	13.67	4375	33.32	20.12	38.3	-0.16	63.38
64.77	18.33	13.67	4360	32.93	20.12	36.91	-0.16	63.38
64.81	17.94	13.52	4362	32.54	20.12	37.16	-0.16	63.38
64.83	17.94	13.52	4364	32.54	20.12	36.91	-0.16	63.38
64.85	17.94	13.38	4384	32.14	20.12	37.41	-0.16	63.38
64.89	17.94	13.23	4368	31.75	20.12	36.28	-0.16	63.38
64.93	18.33	13.23	4369	31.75	20.12	36.41	-0.16	63.38
64.97	18.33	13.23	4361	31.75	20.12	36.91	-0.16	63.38
64.99	18.33	13.23	4385	31.75	20.12	36.91	-0.16	63.38
65.03	18.33	13.23	4381	31.75	20.12	36.15	-0.16	63.38
65.07	18.33	13.23	4382	31.75	20.12	36.53	-0.16	63.38
65.09	18.33	13.38	4369	32.14	20.12	37.41	-0.16	63.38
65.13	17.94	13.23	4377	32.14	20.12	36.66	-0.16	63.38
65.15	17.94	13.38	4369	31.75	20.12	35.9	-0.16	63.38
65.19	17.94	13.38	4368	31.75	20.12	37.03	-0.16	63.38
65.21	17.94	13.38	4361	32.14	20.12	37.16	-0.16	63.38
65.26	17.94	13.38	4369	32.14	20.12	37.03	-0.16	63.38
65.27	17.94	13.38	4370	32.54	20.12	37.28	-0.16	63.38
65.32	18.33	13.38	4382	32.14	20.12	36.53	-0.16	63.38
65.33	18.33	13.38	4380	31.75	20.12	35.78	-0.16	63.38
65.37	18.33	13.38	4381	31.75	20.12	36.78	-0.16	63.38
65.39	18.33	13.23	4381	31.75	20.12	37.16	-0.16	63.38
65.43	18.33	13.38	4372	32.14	20.12	36.91	-0.16	63.38
65.45	17.94	13.38	4373	31.75	20.12	35.78	-0.16	63.38
65.49	17.94	13.38	4372	31.36	20.12	36.41	-0.16	63.38
65.51	17.94	13.38	4379	31.75	20.12	36.66	-0.16	63.38
65.53	17.94	13.23	4369	31.75	20.12	36.15	-0.16	63.38
65.57	17.94	13.38	4387	31.36	20.12	36.53	-0.16	63.38
65.59	18.33	13.38	4379	31.36	20.12	36.28	-0.16	63.38
65.61	18.72	13.38	4377	31.75	20.12	36.53	-0.16	63.38
65.65	18.72	13.38	4386	31.75	20.12	36.28	-0.16	63.38

65.67	18.33	13.38	4379	31.36	20.12	35.65	-0.16	63.38
65.69	18.33	13.38	4379	31.36	20.12	35.53	-0.16	63.38
65.73	18.33	13.38	4375	31.36	20.12	36.91	-0.16	63.38
65.75	18.33	13.38	4369	32.14	20.12	37.79	-0.16	63.38
65.77	17.94	13.52	4365	32.54	20.12	38.3	-0.16	63.38
65.83	17.55	13.67	4385	33.32	20.12	38.7	-0.16	63.38
65.85	17.94	13.67	4378	32.93	20.12	36.91	-0.16	63.38
65.87	17.94	13.67	4384	32.14	20.12	35.9	-0.16	63.38
65.91	17.94	13.67	4368	31.36	20.12	35.15	-0.16	63.38
65.93	18.33	13.38	4383	30.58	20.12	35.28	-0.16	63.38
65.97	18.33	13.23	4375	30.58	20.12	35.15	-0.16	63.38
65.99	17.94	13.23	4383	30.58	20.12	35.65	-0.16	63.38
66.03	17.94	13.38	4376	30.97	20.12	35.53	-0.16	63.38
66.07	18.33	13.52	4365	30.58	20.12	35.28	-0.16	63.38
66.09	17.94	13.67	4377	30.97	20.12	35.78	-0.16	63.38
66.15	17.94	13.67	4370	31.36	20.12	35.9	-0.16	63.38
66.19	18.33	13.67	4375	31.36	20.12	36.53	-0.16	63.38
66.21	17.94	13.67	4374	31.36	20.12	36.53	-0.16	63.38
66.25	17.94	13.67	4372	31.75	20.12	36.28	-0.16	63.38
66.27	17.94	13.67	4366	31.75	20.12	36.41	-0.16	63.38
66.31	17.94	13.52	4367	31.75	20.12	36.78	-0.16	63.38
66.35	17.94	13.52	4375	31.75	20.12	36.41	-0.16	63.38
66.37	17.94	13.52	4384	31.75	20.12	36.53	-0.16	63.38
66.39	17.94	13.38	4391	31.75	20.12	36.53	-0.16	63.38
66.43	17.94	13.38	4378	31.75	20.12	36.53	-0.16	63.38
66.48	18.33	13.38	4390	31.75	20.12	36.41	-0.16	63.38
66.49	18.33	13.38	4390	31.36	20.12	36.03	-0.16	63.38
66.53	17.94	13.38	4382	31.75	20.12	36.78	-0.16	63.38
66.57	17.94	13.38	4380	31.75	20.12	36.15	-0.16	63.38
66.59	17.94	13.38	4376	31.36	20.12	36.28	-0.16	63.38
66.61	17.94	13.38	4392	31.36	20.12	35.65	-0.16	63.38
66.63	17.94	13.38	4378	31.36	20.12	35.9	-0.16	63.38
66.67	18.33	13.38	4386	31.36	20.12	36.41	-0.16	63.38
66.71	17.94	13.52	4380	31.36	20.12	35.78	-0.16	63.38
66.73	17.94	13.52	4374	31.36	20.12	36.78	-0.16	63.38
66.75	17.94	13.52	4388	31.36	20.12	36.15	-0.16	63.38
66.79	17.94	13.52	4385	31.75	20.12	36.78	-0.16	63.38
66.81	17.94	13.67	4385	31.75	20.12	36.28	-0.16	63.38
66.85	17.94	13.52	4384	31.75	20.12	36.66	-0.16	63.38
66.87	18.33	13.52	4386	31.75	20.12	36.28	-0.16	63.38
66.91	18.33	13.52	4387	31.36	20.12	35.78	-0.16	63.38
66.93	17.94	13.38	4370	31.36	20.12	36.41	-0.16	63.38
66.95	18.33	13.38	4375	31.36	20.12	35.9	-0.16	63.38
66.99	18.33	13.38	4381	31.36	20.12	36.15	-0.16	63.38
67.01	17.94	13.38	4394	31.36	20.12	36.78	-0.16	63.38
67.03	17.94	13.52	4382	31.75	20.12	36.53	-0.16	63.38
67.07	18.33	13.52	4387	31.75	20.12	36.28	-0.16	63.38

67.09	17.94	13.52	4385	31.75	20.12	36.28	-0.16	63.38
67.13	17.94	13.52	4382	31.75	20.12	36.78	-0.16	63.38
67.15	17.94	13.38	4391	32.14	20.12	37.28	-0.16	63.38
67.19	17.94	13.38	4391	32.14	20.12	36.28	-0.16	63.38
67.23	17.94	13.38	4388	31.75	20.12	36.41	-0.16	63.38
67.25	18.33	13.38	4394	31.75	20.12	36.66	-0.16	63.38
67.29	17.94	13.23	4392	31.75	20.12	36.41	-0.16	63.38
67.31	17.94	13.23	4384	31.36	20.12	36.15	-0.16	63.38
67.33	17.94	13.23	4393	31.36	20.12	36.41	-0.16	63.38
67.37	18.33	13.23	4388	31.75	20.12	36.41	-0.16	64
67.39	18.33	13.38	4390	30.97	20.12	35.15	-0.16	63.38
67.43	18.33	13.38	4380	30.97	20.12	36.03	-0.16	64
67.45	18.33	13.38	4381	30.97	20.12	36.28	-0.16	64
67.47	18.33	13.52	4387	30.97	20.12	35.4	-0.16	63.38
67.51	18.33	13.52	4385	30.18	20.12	34.27	-0.16	64
67.53	17.94	13.67	4395	30.18	20.12	34.65	-0.16	63.38
67.55	18.33	13.67	4378	30.18	20.12	34.9	-0.16	63.38
67.59	18.33	13.82	4380	30.97	20.12	36.03	-0.16	63.38
67.63	17.94	13.82	4394	31.36	20.12	36.78	-0.16	63.38
67.67	17.94	13.96	4379	31.36	20.12	36.15	-0.16	64
67.69	18.33	13.96	4390	31.75	20.12	36.91	-0.16	63.38
67.71	18.33	13.96	4385	31.75	20.12	35.65	-0.16	64
67.75	18.33	13.82	4391	31.75	20.12	37.03	-0.16	63.38
67.77	18.33	13.67	4391	31.75	20.12	36.41	-0.16	64
67.81	18.33	13.67	4393	31.75	20.12	36.91	-0.16	63.38
67.85	18.33	13.67	4385	32.14	20.12	37.03	-0.16	63.38
67.87	17.94	13.67	4384	31.75	20.12	36.91	-0.16	64
67.91	17.94	13.52	4379	31.75	20.12	36.78	-0.16	64
67.95	18.33	13.52	4384	31.75	20.12	36.41	-0.16	64
67.99	18.33	13.52	4402	31.75	20.12	35.9	-0.16	63.38
68.01	18.33	13.52	4397	31.36	20.12	36.41	-0.16	64
68.03	18.33	13.38	4393	31.75	20.12	36.15	-0.16	64
68.05	18.33	13.38	4382	31.36	20.12	35.15	-0.16	63.38
68.09	17.94	13.52	4381	31.36	20.12	36.78	-0.16	64
68.13	17.94	13.52	4386	31.75	20.12	36.53	-0.16	63.38
68.15	17.94	13.52	4378	31.36	20.12	36.28	-0.16	63.38
68.17	17.94	13.52	4379	31.75	20.12	36.53	-0.16	64
68.21	17.94	13.52	4381	31.75	20.12	36.28	-0.16	63.38
68.26	17.94	13.52	4379	31.36	20.12	36.28	-0.16	64
68.27	18.33	13.52	4392	30.97	20.12	35.53	-0.16	64
68.31	18.33	13.52	4395	30.58	20.12	35.53	-0.16	64
68.33	17.94	13.52	4384	30.97	20.12	35.53	-0.16	64
68.35	17.94	13.52	4381	30.97	20.12	36.53	-0.16	63.38
68.37	17.94	13.67	4378	30.97	20.12	35.4	-0.16	64
68.43	18.33	13.67	4395	30.97	20.12	35.65	-0.16	63.38
68.45	17.94	13.67	4375	30.97	20.12	35.65	-0.16	64
68.47	17.94	13.67	4391	30.97	20.12	35.53	-0.16	64

68.51	18.33	13.67	4398	30.97	20.12	35.4	-0.16	64
68.53	18.33	13.67	4393	30.58	20.12	36.03	-0.16	64
68.57	18.33	13.67	4393	30.97	20.12	36.53	-0.16	64
68.59	18.33	13.67	4383	31.36	20.12	36.53	-0.16	64
68.61	18.33	13.82	4382	31.75	20.12	36.78	-0.16	63.38
68.65	18.33	13.82	4385	31.75	20.12	36.78	-0.16	63.38
68.67	18.33	13.67	4383	31.75	20.12	36.78	-0.16	64
68.69	17.94	13.67	4391	31.75	20.12	37.03	-0.16	63.38
68.71	17.94	13.67	4386	31.75	20.12	36.53	-0.16	64
68.75	17.94	13.67	4384	31.75	20.12	37.16	-0.16	64
68.77	17.94	13.52	4388	31.75	20.12	36.91	-0.16	63.38
68.81	18.33	13.52	4388	32.14	20.12	37.28	-0.16	64
68.86	18.33	13.52	4397	32.14	20.12	36.91	-0.16	63.38
68.87	18.33	13.52	4388	31.75	20.12	36.28	-0.16	64
68.91	17.94	13.52	4394	31.75	20.12	36.28	-0.16	64
68.93	18.33	13.38	4401	31.75	20.12	36.78	-0.16	63.38
68.97	18.33	13.38	4392	31.75	20.12	36.53	-0.16	64
69.01	18.33	13.38	4392	31.75	20.12	36.28	-0.16	64
69.03	17.94	13.38	4378	31.75	20.12	36.78	-0.16	64
69.07	17.94	13.38	4393	31.75	20.12	36.28	-0.16	63.38
69.09	17.94	13.23	4389	31.75	20.12	36.53	-0.16	64
69.11	17.94	13.38	4389	31.75	20.12	36.28	-0.16	64
69.13	17.94	13.38	4391	31.36	20.12	35.9	-0.16	63.38
69.17	18.33	13.38	4384	31.36	20.12	36.28	-0.16	63.38
69.19	18.33	13.38	4387	31.36	20.12	36.15	-0.16	63.38
69.23	18.33	13.38	4388	31.36	20.12	36.53	-0.16	64
69.27	18.33	13.38	4388	31.36	20.12	36.78	-0.16	64
69.31	18.33	13.38	4396	31.36	20.12	36.03	-0.16	64
69.33	17.94	13.52	4391	31.75	20.12	36.41	-0.16	63.38
69.37	17.94	13.52	4390	31.36	20.12	36.53	-0.16	63.38
69.39	17.94	13.52	4377	31.75	20.12	36.28	-0.16	63.38
69.43	17.55	13.52	4391	31.36	20.12	36.53	-0.16	64
69.45	17.94	13.52	4377	31.75	20.12	36.41	-0.16	64
69.49	17.94	13.52	4390	31.36	20.12	36.28	-0.16	64
69.51	18.33	13.52	4394	31.36	20.12	36.41	-0.16	64
69.55	18.33	13.52	4398	31.75	20.12	37.16	-0.16	64
69.59	18.33	13.52	4396	31.75	20.12	36.78	-0.16	64
69.61	18.33	13.52	4388	31.75	20.12	36.41	-0.16	64
69.65	18.33	13.52	4401	31.75	20.12	36.41	-0.16	64
69.69	18.33	13.38	4382	31.75	20.12	36.03	-0.16	64
69.71	18.33	13.38	4390	31.75	20.12	36.28	-0.16	64
69.73	18.33	13.38	4398	31.36	20.12	36.03	-0.16	64
69.77	18.33	13.38	4398	31.36	20.12	36.28	-0.16	64
69.79	18.33	13.38	4403	31.36	20.12	36.15	-0.16	64
69.83	18.33	13.38	4401	31.36	20.12	35.65	-0.16	64
69.85	18.33	13.52	4388	31.36	20.12	37.03	-0.16	64
69.9	18.33	13.52	4402	31.75	20.12	37.03	-0.16	64

69.91	17.94	13.52	4390	32.14	20.12	36.53	-0.16	64
69.95	17.55	13.52	4387	32.14	20.12	36.66	-0.16	64
69.97	17.55	13.52	4378	32.14	20.12	36.91	-0.16	64
69.99	17.94	13.52	4400	32.14	20.12	37.03	-0.16	64
70.03	17.55	13.52	4406	31.75	20.12	36.91	-0.16	64
70.07	17.94	13.38	4388	31.75	20.12	35.65	-0.16	64
70.11	18.33	13.38	4382	31.36	20.12	35.78	-0.16	64
70.13	18.33	13.23	4397	30.97	20.12	35.53	-0.16	64
70.15	18.33	13.23	4388	31.36	20.12	36.53	-0.16	64
70.17	18.33	13.23	4396	30.97	20.12	35.65	-0.16	64
70.21	18.33	13.38	4391	30.97	20.12	36.53	-0.16	64
70.23	18.33	13.38	4401	31.36	20.12	36.41	-0.16	64
70.27	18.33	13.38	4393	31.36	20.12	36.41	-0.16	64
70.31	18.33	13.38	4389	31.75	20.12	36.28	-0.16	64
70.35	18.33	13.38	4394	31.75	20.12	36.78	-0.16	64
70.37	17.94	13.52	4391	32.14	20.12	37.41	-0.16	64
70.39	17.94	13.52	4388	32.14	20.12	37.28	-0.16	64
70.43	18.33	13.52	4388	32.14	20.12	36.91	-0.16	63.38
70.47	17.94	13.38	4393	32.14	20.12	37.16	-0.16	64
70.49	17.94	13.38	4393	32.14	20.12	37.03	-0.16	64
70.51	18.33	13.38	4401	31.75	20.12	36.66	-0.16	64
70.55	18.33	13.38	4407	32.14	20.12	37.28	-0.16	64
70.57	17.94	13.38	4408	32.14	20.12	37.03	-0.16	64
70.59	17.94	13.38	4386	32.14	20.12	36.78	-0.16	64
70.63	18.33	13.38	4395	31.75	20.12	36.03	-0.16	64
70.67	17.94	13.23	4400	31.75	20.12	36.53	-0.16	63.38
70.71	17.94	13.23	4383	31.75	20.12	36.15	-0.16	64
70.75	17.94	13.23	4387	31.36	20.12	36.53	-0.16	64
70.79	17.94	13.23	4403	31.36	20.12	36.28	-0.16	64
70.81	18.33	13.23	4409	31.36	20.12	36.53	-0.16	64
70.83	18.33	13.23	4403	31.36	20.12	36.41	-0.16	64
70.87	18.33	13.38	4403	31.36	20.12	35.9	-0.16	64
70.89	18.33	13.38	4399	31.36	20.12	36.53	-0.16	64
70.91	18.33	13.38	4403	31.36	20.12	36.78	-0.16	64
70.95	18.33	13.38	4391	31.75	20.12	37.03	-0.16	64
71	17.94	13.38	4402	31.75	20.12	36.53	-0.16	64
71.01	18.33	13.38	4403	32.14	20.12	37.41	-0.16	64
71.03	18.33	13.38	4396	32.14	20.12	37.03	-0.16	64
71.07	18.33	13.38	4395	31.75	20.12	35.78	-0.16	64
71.11	17.94	13.38	4398	30.97	20.12	35.78	-0.16	64
71.15	18.33	13.38	4395	31.75	20.12	37.16	-0.16	64
71.17	18.33	13.52	4397	31.75	20.12	36.41	-0.16	64
71.21	17.94	13.52	4398	31.75	20.12	36.78	-0.16	64
71.23	17.94	13.67	4398	32.14	20.12	37.53	-0.16	64
71.27	17.94	13.67	4409	32.14	20.12	36.91	-0.16	64
71.31	17.94	13.67	4396	31.75	20.12	36.15	-0.16	64
71.33	17.55	13.52	4387	31.75	20.12	37.03	-0.16	64

71.35	17.55	13.52	4385	31.75	20.12	36.78	-0.16	64
71.39	17.94	13.52	4398	31.75	20.12	36.78	-0.16	64
71.41	17.94	13.52	4399	31.36	20.12	36.03	-0.16	64
71.43	17.94	13.38	4407	30.97	20.12	35.15	-0.16	64
71.47	17.94	13.38	4412	30.97	20.12	36.03	-0.16	64
71.49	18.33	13.38	4397	30.97	20.12	36.03	-0.16	64
71.53	18.33	13.38	4406	30.58	20.12	35.15	-0.16	64
71.57	18.33	13.38	4403	30.97	20.12	36.03	-0.16	64
71.61	17.94	13.38	4399	30.97	20.12	36.28	-0.16	64
71.63	17.94	13.52	4400	31.36	20.12	36.41	-0.16	64
71.65	17.94	13.52	4408	31.75	20.12	37.03	-0.16	64
71.67	17.94	13.52	4411	32.14	20.12	37.41	-0.16	64
71.71	17.94	13.52	4405	32.14	20.12	37.16	-0.16	64
71.73	18.33	13.67	4405	32.14	20.12	37.28	-0.16	64
71.77	18.33	13.52	4393	32.14	20.12	36.53	-0.16	64
71.79	18.33	13.52	4409	31.75	20.12	36.91	-0.16	64
71.81	17.94	13.52	4413	31.75	20.12	36.53	-0.16	64
71.83	17.94	13.38	4400	31.36	20.12	35.78	-0.16	64
71.87	17.94	13.38	4411	30.58	20.12	34.77	-0.16	64
71.89	17.94	13.23	4398	30.97	20.12	36.28	-0.16	64
71.93	17.94	13.38	4406	30.97	20.12	36.28	-0.16	64
71.96	17.94	13.52	4401	31.36	20.12	36.28	-0.16	64
71.99	17.94	13.52	4396	30.97	20.12	36.03	-0.16	64
72.01	17.94	13.67	4396	31.36	20.12	36.03	-0.16	64
72.03	17.94	13.67	4396	31.36	20.12	36.66	-0.16	64
72.07	17.94	13.67	4406	31.36	20.12	35.78	-0.16	64
72.09	17.94	13.52	4395	31.36	20.12	36.28	-0.16	64
72.11	17.94	13.52	4409	31.36	20.12	36.53	-0.16	64
72.15	17.94	13.52	4411	31.36	20.12	35.4	-0.16	64
72.17	17.94	13.52	4406	30.58	20.12	35.15	-0.16	64
72.21	17.94	13.38	4404	30.58	20.12	35.9	-0.16	64
72.25	17.94	13.52	4409	30.97	20.12	36.15	-0.16	64
72.27	17.94	13.52	4393	31.36	20.12	36.41	-0.16	64
72.31	17.94	13.67	4408	31.36	20.12	36.28	-0.16	64
72.33	17.94	13.67	4407	31.36	20.12	36.41	-0.16	64
72.37	17.55	13.52	4410	31.36	20.12	36.15	-0.16	64
72.39	17.55	13.52	4398	30.97	20.12	35.4	-0.16	64
72.43	18.33	13.52	4408	30.58	20.12	34.4	-0.16	64
72.45	18.33	13.38	4407	30.58	20.12	34.77	-0.16	64
72.47	18.33	13.38	4401	30.18	20.12	35.65	-0.16	64
72.51	18.33	13.52	4402	30.58	20.12	35.53	-0.16	64
72.53	18.33	13.67	4412	30.58	20.12	35.53	-0.16	64
72.55	18.33	13.67	4403	30.58	20.12	35.4	-0.16	64
72.59	18.33	13.82	4393	30.58	20.12	35.9	-0.16	64
72.61	17.94	13.82	4391	30.97	20.12	36.03	-0.16	64
72.63	17.94	13.82	4392	30.97	20.12	35.9	-0.16	64
72.65	17.94	13.82	4412	31.36	20.12	37.28	-0.16	64

72.69	17.94	13.82	4412	31.36	20.12	36.41	-0.16	64
72.71	17.94	13.82	4405	31.75	20.12	36.91	-0.16	64
72.73	17.94	13.67	4395	32.14	20.12	37.28	-0.16	64
72.77	17.94	13.67	4413	31.75	20.12	36.78	-0.16	64
72.79	18.33	13.67	4404	31.75	20.12	37.03	-0.16	64
72.81	18.33	13.52	4409	31.75	20.12	36.53	-0.16	64
72.85	18.33	13.52	4401	31.36	20.12	36.15	-0.16	64
72.89	18.33	13.52	4410	30.97	20.12	35.9	-0.16	64
72.91	17.94	13.38	4400	31.36	20.12	36.28	-0.16	64
72.95	17.94	13.38	4414	31.36	20.12	36.28	-0.16	64
72.97	17.94	13.52	4408	31.36	20.12	36.03	-0.16	64
73.02	17.94	13.52	4392	30.97	20.12	36.53	-0.16	64
73.03	17.94	13.52	4409	31.36	20.12	36.78	-0.16	64
73.05	17.94	13.52	4398	31.75	20.12	36.53	-0.16	64
73.09	17.94	13.52	4402	30.97	20.12	34.4	-0.16	64
73.11	17.94	13.52	4417	30.58	20.12	35.9	-0.16	64
73.13	17.94	13.52	4403	30.58	20.12	35.78	-0.16	64
73.17	18.33	13.52	4412	30.58	20.12	36.03	-0.16	64
73.19	18.33	13.52	4413	30.58	20.12	35.53	-0.16	64
73.23	17.94	13.67	4409	30.58	20.12	35.78	-0.16	64
73.25	17.94	13.67	4398	30.58	20.12	34.65	-0.16	64
73.29	17.94	13.82	4393	30.58	20.12	35.78	-0.16	64
73.33	17.94	13.82	4406	30.97	20.12	35.78	-0.16	64
73.35	17.55	13.82	4402	31.36	20.12	37.03	-0.16	64
73.37	17.55	13.82	4405	31.75	20.12	36.91	-0.16	64
73.41	17.94	13.82	4403	31.36	20.12	36.03	-0.16	64
73.45	17.94	13.67	4408	30.97	20.12	35.65	-0.16	64
73.47	17.55	13.52	4406	30.58	20.12	35.65	-0.16	64
73.51	18.33	13.52	4412	30.97	20.12	36.53	-0.16	64
73.53	18.33	13.52	4422	30.97	20.12	35.53	-0.16	64
73.57	17.55	13.67	4408	30.97	20.12	35.53	-0.16	64
73.59	17.94	13.67	4407	30.97	20.12	35.65	-0.16	64
73.63	18.33	13.67	4405	30.97	20.12	35.53	-0.16	64
73.65	18.33	13.52	4409	30.97	20.12	34.9	-0.16	64
73.69	17.55	13.67	4415	30.58	20.12	35.4	-0.16	64
73.71	17.94	13.67	4416	30.58	20.12	35.53	-0.16	64
73.73	18.33	13.67	4418	30.58	20.12	35.28	-0.16	64
73.77	18.33	13.67	4408	30.58	20.12	35.65	-0.16	64
73.79	18.33	13.67	4412	30.58	20.12	35.53	-0.16	64
73.81	18.33	13.67	4403	30.97	20.12	36.03	-0.16	64
73.85	18.33	13.82	4399	30.97	20.12	36.15	-0.16	64
73.9	17.94	13.82	4413	31.36	20.12	36.53	-0.16	64
73.91	17.55	13.82	4401	31.36	20.12	37.53	-0.16	64
73.95	17.55	13.82	4412	32.14	20.12	37.66	-0.16	64
73.99	17.94	13.82	4416	32.54	20.12	37.28	-0.16	64
74.01	17.94	13.82	4411	32.14	20.12	37.03	-0.16	64
74.03	17.94	13.67	4399	31.75	20.12	36.78	-0.16	64

74.07	17.94	13.67	4400	31.36	20.12	34.52	-0.16	64
74.11	17.94	13.38	4404	30.58	20.12	35.53	-0.16	64
74.13	17.94	13.38	4402	30.97	20.12	35.9	-0.16	64
74.15	17.94	13.23	4397	30.97	20.12	35.4	-0.16	64
74.19	17.94	13.38	4409	30.58	20.12	35.15	-0.16	64
74.23	17.94	13.52	4408	30.58	20.12	35.53	-0.16	64
74.25	17.94	13.52	4400	30.18	20.12	35.28	-0.16	64
74.27	17.94	13.52	4399	30.58	20.12	35.53	-0.16	64
74.29	17.55	13.52	4413	30.97	20.12	36.15	-0.16	64
74.33	17.94	13.67	4417	30.97	20.12	35.4	-0.16	64
74.37	18.33	13.67	4405	30.97	20.12	36.15	-0.16	64
74.39	17.94	13.67	4410	30.97	20.12	36.28	-0.16	64
74.43	17.94	13.67	4409	31.36	20.12	36.03	-0.16	64
74.45	18.33	13.67	4406	30.58	20.12	35.15	-0.16	64
74.47	18.33	13.52	4411	30.97	20.12	36.15	-0.16	64
74.51	17.94	13.52	4408	30.97	20.12	35.4	-0.16	64
74.53	17.94	13.52	4412	30.58	20.12	35.02	-0.16	64
74.55	18.33	13.67	4404	30.58	20.12	35.4	-0.16	64
74.59	18.33	13.52	4410	30.97	20.12	35.9	-0.16	64
74.63	17.94	13.67	4407	30.97	20.12	36.03	-0.16	64
74.65	17.94	13.82	4413	31.36	20.12	36.41	-0.16	64
74.67	18.33	13.82	4416	31.36	20.12	37.03	-0.16	64
74.71	17.94	13.82	4419	30.97	20.12	35.9	-0.16	64
74.76	17.94	13.82	4416	31.36	20.12	36.78	-0.16	64
74.79	17.94	13.67	4402	31.36	20.12	35.78	-0.16	64
74.81	17.94	13.67	4404	30.97	20.12	36.41	-0.16	64
74.83	17.94	13.67	4416	30.97	20.12	35.53	-0.16	64
74.87	17.94	13.67	4415	31.36	20.12	36.41	-0.16	64
74.91	17.94	13.67	4404	31.36	20.12	36.15	-0.16	64
74.93	17.94	13.67	4405	31.36	20.12	36.15	-0.16	64
74.95	17.94	13.67	4409	30.97	20.12	36.03	-0.16	64
74.99	17.94	13.67	4406	31.36	20.12	36.53	-0.16	64
75.01	17.94	13.67	4400	31.36	20.12	36.28	-0.16	64
75.03	17.94	13.52	4402	31.36	20.12	36.41	-0.16	64
75.07	17.94	13.52	4404	31.36	20.12	35.78	-0.16	64
75.09	17.94	13.52	4403	30.58	20.12	35.28	-0.16	64
75.13	17.94	13.38	4403	30.18	20.12	35.53	-0.16	64
75.15	17.94	13.38	4408	30.97	20.12	36.28	-0.16	64
75.19	17.94	13.52	4403	30.97	20.12	36.28	-0.16	64
75.23	17.94	13.52	4399	31.36	20.12	36.03	-0.16	64
75.25	17.94	13.67	4410	30.97	20.12	36.28	-0.16	64
75.29	17.94	13.52	4401	30.97	20.12	35.78	-0.16	64
75.31	17.94	13.52	4419	30.97	20.12	35.9	-0.16	64
75.35	17.94	13.52	4420	30.97	20.12	35.65	-0.16	64
75.37	17.94	13.52	4411	30.97	20.12	35.65	-0.16	64
75.41	17.94	13.52	4407	30.97	20.12	36.41	-0.16	64
75.45	17.55	13.52	4400	30.58	20.12	34.27	-0.16	64

75.47	17.94	13.52	4420	30.58	20.12	35.53	-0.16	64
75.51	17.94	13.52	4409	30.58	20.12	35.78	-0.16	64
75.53	17.94	13.67	4406	30.97	20.12	36.15	-0.16	64
75.55	17.94	13.67	4411	30.97	20.12	36.41	-0.16	64
75.59	18.33	13.67	4414	30.97	20.12	36.28	-0.16	64
75.61	17.94	13.67	4406	31.36	20.12	35.78	-0.16	64
75.63	17.94	13.67	4415	31.36	20.12	36.53	-0.16	64
75.67	17.55	13.67	4400	31.36	20.12	36.03	-0.16	64
75.69	17.94	13.52	4406	30.97	20.12	35.4	-0.16	64
75.71	17.94	13.52	4403	30.97	20.12	35.53	-0.16	64
75.75	17.55	13.38	4404	30.97	20.12	35.9	-0.16	64
75.79	17.94	13.52	4402	30.58	20.12	36.03	-0.16	64
75.81	17.94	13.52	4419	30.97	20.12	36.03	-0.16	64
75.83	17.94	13.52	4424	30.97	20.12	36.15	-0.16	64
75.87	17.94	13.67	4422	31.36	20.12	36.53	-0.16	64
75.9	17.94	13.67	4408	31.36	20.12	36.41	-0.16	64
75.93	17.94	13.67	4410	31.36	20.12	36.53	-0.16	64
75.97	17.94	13.52	4419	31.36	20.12	35.78	-0.16	64
75.99	17.94	13.52	4408	30.18	20.12	34.52	-0.16	64
76.03	17.94	13.38	4406	30.58	20.12	35.78	-0.16	64
76.05	17.94	13.38	4403	30.97	20.12	36.53	-0.16	64
76.09	17.94	13.52	4413	30.97	20.12	35.4	-0.16	64
76.11	17.94	13.52	4417	30.58	20.12	34.9	-0.16	64
76.13	17.94	13.67	4406	30.58	20.12	35.53	-0.16	64
76.19	17.94	13.67	4417	30.58	20.12	35.15	-0.16	64
76.21	17.94	13.67	4405	30.58	20.12	35.28	-0.16	64